REMEDIAL INVESTIGATION REPORT

375 Michigan Avenue Project
NYSDEC SITE NO. C915417

BUFFALO, ERIE COUNTY, NEW YORK

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ACRONYMS

ACM	Asbestos Containing Material
ADA	Americans with Disabilities Act
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BE3	Brydges Engineering in Energy and Environment
bgs	Below Ground Surface
C&D	Construction and Demolition
CAMP	Community Air Monitoring Program
COC	Contaminants of Concern
CP	Commissioner Policy
DER	Division of Environmental Remediation
DNAPL	Dense Nonaqueous Phase Liquid
DO	Dissolved Oxygen
DUSR	Data Usability Summary Report
EC	Engineering Control
EE	Environmental Easement
EIFS	Exterior Insulation and Finish System
ELAP	Environmental Laboratory Approval Program
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
EWP	Excavation Work Plan
FEAF	Full Environmental Assessment Form
GPR	Ground Penetrating Radar
GPS	Global Positioning System
GSF	Gross Square Feet
HASP	Health and Safety Plan
HSA	Hollow Stem Auger
IC	Institutional Control
ID	Inside Diameter
$\mu g/m^3$	Micrograms per Cubic Meter
LNAPL	Light Nonaqueous Phase Liquid
NTU	Nephelometric Turbidity Units
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
NYSHCR	New York State Homes and Community Renewal
ORP	Oxidation-Reduction Potential
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PDI	Pre-Remedial Design Investigation
PFAS	Per- and Polyfluoroalkyl Substances
PID	Photoionization Detector
ppm	Parts Per Million
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
QEP	Qualified Environmental Professional

QHHEA	Qualitative Human Health Exposure Assessment
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
SCG	Standards, Criteria, and Guidance
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SVOC	Semi-Volatile Organic Compound
SWPPP	Stormwater Pollution Prevention Plan
TAL	Target Analyte List
TCL	Target Compound List
TENORM	Technologically Enhanced Naturally Occurring Radioactive Material
TIC	Tentatively Identified Compound
TOGS	Technical and Operational Guidance Series
UST	Underground Storage Tank
VOC	Volatile Organic Compound
CERP	Community and Environmental Response Plan

1.0 INTRODUCTION

Beacon Communities Services LLC has obtained an executed Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) as a volunteer for the 375 Michigan Avenue Project (Site) located at 375 Michigan Avenue, City of Buffalo, Erie County, New York. The Site is associated with Brownfield Cleanup Program (BCP), SBL No. 111.63-1-1.11 and BCP Site No. C915417. Beacon Communities Services LLC has contracted Brydges Engineering in Environment and Energy (BE3) to conduct a Remedial Investigation (RI) as required by the BCA. The total BCP Site area is approximately 2.15 acres. A site location map is provided as **Figure 1** and the site survey as **Figure 2**. A project schedule is provided on **Figure 10**.

The RI was completed in accordance with BCP requirements as defined in Section 375-3.8 of the NYSDEC 6 NYCRR Part 375 Environmental Remediation Program Regulations. It is anticipated that the remedial measure selected will lead to a site remedy as defined in Part 375-1.8(g)(2)(ii), achieve soil cleanup objectives (SCOs) as defined in Part 375-6.8(b) and mitigate environmental impacted media issues at the Site.

1.1 SITE BACKGROUND

The 2.15-acre Site encompasses one parcel located at 375 Michigan Avenue, Buffalo, Erie County, New York. The associated SBL number is 111.63-1-1.11. The middle of the 375 Michigan Avenue parcel is located at latitude 42º52’57.23” N; Longitude 78º52’5.63” W and is 603 feet above sea level. The Site is zoned N-2E (Mixed-Use Edge) and bounded by East Eagle Street to the north, South Division Street to the south, Michigan Avenue to the west and Minnie Gillette Drive to the east. The Site has been vacant since approximately 2021. The Site is located near the eastern end of the downtown business district which predominantly contains commercial/office space with some buildings converted to mixed use residential. This Site is also located in a designated Type AB En-zone under census Tract 14.03, a disadvantaged community (DAC) and a potential environmental justice area. The BCP Applicant, Beacon Communities Services LLC, has entered the program as a Volunteer to remediate the Site in preparation for redevelopment of the property.

Environmental assessments and investigations conducted on the Site concluded that there are impacted soils across the Site primarily due to the Site’s former use and the presence of urban fill. Previous subsurface sampling identified soils impacted with metals and semi-volatile organic compounds (SVOCs), primarily polycyclic aromatic hydrocarbons (PAHs).

The Site is currently occupied by a vacant building most recently used as Sunrise II Minimart in the northwest portion of the property at the southeast corner of Michigan Street and East Eagle Street. The one-story, 2,352 square foot slab-on-grade structure was constructed in 1997. The remaining area of the property is vacant, grass covered land. Large sized gravel and a few small patches of asphalt were observed across the property and are the remains of its former use as a parking lot. Prior to beginning RI fieldwork, the on-site parking lot was marked and considered restricted. Local area topography is generally level. Surface relief in the immediate vicinity of the property is relatively uniform, with overall gentle downward slopes to the south-southwest towards Lake Erie.

Historic maps indicate that an auto repair shop and gas station were located where the current vacant mini mart sits on the northwest corner of the Site from the 1930s to the 1950s. Whether the underground storage tanks (USTs) associated with the historic gas station have been

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removed is not currently known. This data gap represents a potential source of ongoing and historic contamination of the Site. In addition, an electrical storage/repair shop was historically located on the Site from at least 1930 to at least 1955. The parcel at 383 Michigan Street, which is now part of the Site located south of the vacant mini mart along the western portion of the Site, was a tailor. In 1950, Rear Twin Cleaners was also listed as operating on this portion of the Site. Both historic operations could serve as a source of historic contamination due to the use of various hazardous materials for cleaning purposes. Historical records indicate that the Site was a large parking lot from the late 1950's through the 1990s.

1.2 Identification of standards, Criteria, and Guidance

Standards, criteria, and guidance (SCGs) are promulgated requirements ("standards" and "criteria") and non-promulgated guidance ("guidance") that govern activities that may affect the environment and are used by the NYSDEC at various stages in the investigation and remediation of a site. The following are the primary SCGs for this project:

- NYSDEC 6 NYCRR Part 375 Environmental Remediation Programs, December 2025.
- NYSDEC DER-10 Technical Guidance for Site Investigations and Remediation, May 2010.
- NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.
- NYSDEC Commissioner Policy (CP)-51 Soil Cleanup Guidance, October 2010.
- NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), April 2023.
- NYSDEC 6 NYCRR 360 Solid Waste Management Facilities General Requirements, August 2020.
- New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion, May 2017 updated February 2024.

2.0 REMEDIAL INVESTIGATION APPROACH

The RI was conducted in general accordance with the June 2026 *Remedial Investigation Work Plan, Beacon Communities Services LLC, 375 Michigan Avenue, City of Buffalo, New York, Site No. C915417*, The NYSDEC issued an approval letter for the RIWP on June 25th, 2026. All boring, vapor points, monitoring wells and surface sampling locations were installed at the approximate locations depicted in the approved RIWP. Actual sampling depths were based on field conditions encountered during the RI and are discussed herein. Any deviations from the RIWP are provided in Section 2.5.

RI activities included the following:

- *Geophysical Survey*
- *Soil boring*
- *Test Trenches*
- *Overburden groundwater monitoring well installation*
- *Vapor point installation (underground, ambient indoor/outdoor, and sub-slab)*
- *Soil, groundwater and soil vapor sampling*
- *Building Environmental Condition Assessment*
- *Gamma Radiation Survey*

All on-site staff work directly under the supervision of a qualified environmental professional (QEP) during all intrusive field activities. For prior field work, the utility locate center was contacted to mark buried utilities on the Site. A geophysical survey was also performed on the site prior to beginning any intrusive work to identify any buried objects. The approximate locations of Phase II ESA sampling locations are shown on **Figure 3/Figure 4** and RI Investigation/sample locations are shown on **Figure 5**. Precise global positioning coordinates (GPS) for RI sampling locations are provided in **Table 7**. Daily field reports (DFRs) which detail site conditions/activities and contain an associated photolog and work location map are contained in **Appendix A**. Additional Site photographs are included in **Appendix B**.

A Community Air Monitoring Program (CAMP) was implemented in accordance with NYSDOH DER-10 guidance throughout the duration of intrusive RI fieldwork. Real-time monitoring was conducted for particulate matter (dust) and total volatile organic compounds (VOCs). Downwind particulate levels did not exceed 100 micrograms per cubic meter (µg/m3) greater than background concentrations (upwind particulate levels) for any 15-minute period. Concentrations of total organic vapors did not exceed 5 parts per million (ppm) above background levels at the work area for any 15-minute period. The particulate monitoring data is included as an attachment to the DFRs provided in **Appendix A**.

2.1 GEOPHYSICAL SURVEY

A geophysical survey was performed over the Northern portion of the site extending about 250ft south from East Eagle Street along the Northern boundary of the site. Five geophysical anomalies were observed during the walkover; these were investigated during field activities. See Section 3.2.1 and **Appendix H** for more information about the results of this survey.

2.2 SOIL INVESTIGATION

The soil investigation was composed of soil borings, test trenches, and surface soil sampling at select locations across the Site (see **Figure 5**).

2.2.1 Soil Boring Sampling

Between June 30 and July 1, 12 soil borings denoted RI-BH-1 through RI-BH-12 were completed across the Site.

A track-mounted Geoprobe® 7720DT direct-push drilling rig was utilized to complete the borings. The borings were positioned around the Site to provide representative coverage of the fill and native soil material. The coordinates of the soil borings are denoted in **Table 7** and can be seen in **Figure 5**. The final depths of the Geoprobe and the depths and regime at which sampling occurred are as follows.

Soil Boring	Total Depth of Probe (bgs)	Sampling Depth (bgs) and Regime
RI-BH-3 RI-BH-4 RI-BH-9 RI-BH-10 RI-BH-11	8’	Fill 1-3’
RI-BH-1 RI-BH-2 RI-BH-8 RI-BH-12	15’	Fill 1-3’
		Native 8-10’
RI-BH-5 RI-BH-6 RI-BH-7	8’	Fill 1-3’
		Native 4-6’

All soil samples were visually evaluated for soil type and field screened for VOCs immediately following retrieval and opening of the sampling sleeves using a photoionization detector (PID). Screening was accomplished by holding the PID over the sample/core and recording the highest reading.

Soil samples were placed in appropriate containers, packaged in coolers with ice, and transferred to Eurofins Environment Testing – Buffalo, a NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory, using standard chain-of-custody procedures.

2.2.2 Test Trech Soil Sampling

0n June 30, six test trenches denoted RI-TT-1 through RI-TT-6 were completed across the Site. A mini excavator was utilized to complete the test trenches. The trenches were positioned around the Site to provide representative coverage of the fill and native soil material. The coordinates of the test trenches are denoted in **Table 7** and can be seen in **Figure 5**. The final depths of the trenches and the depths at which sampling occurred are as follows.

All 6 test trenches were completed to a depth of 6ft bgs. Samples were collected in each test trench at 1-3ft bgs and 4-6ft bgs.

2.2.3 Surface Soil Sampling

A total of 9 surface soil samples were collected at 2+ inches below vegetative cover in areas where previous investigations identified soil impacts in near surface soil samples. Samples were collected at borehole locations RI-BH-1 to RI-BH-4, RI-BH-8 to RI-BH-12.

2.2.4 Monitoring Well Soil Sampling

Soil samples were collected from each of the four monitoring wells (RI-MW-1 to RI-MW-4) during monitoring well installation. These samples were collected from the screen interval for each well to assess potential contaminant correlations/pathways between the overburden and underlying groundwater. RI-MW-1 and RI-MW-2 were sampled from 15'-20' bgs. RI-MW-3 was sampled twice, once from 15'-20' bgs and again at screen depth from 20'-25' bgs. RI-MW-4 was sampled from 20'-25' bgs.

2.2.5 GAMMA RADIATION SURVEY

A gamma radiation survey was conducted due to the presence of slag in test trench RI-TT-4, no further action will be needed as gamma radiation levels in this area did not exceed background results. See **Appendix I** for more information about the results of this survey.

2.3 GROUNDWATER INVESTIGATION

Between June 29th and June 30th, 2026, a total of four overburden monitoring wells were installed (RI-MW-1 To RI-MW-4).

2.3.1 Overburden Monitoring Well Installation

Four overburden monitoring wells were installed using a track-mounted Geoprobe® 7720DT with a hollow stem auger drilling technique. A 4.25-inch hollow stem auger was used to drill to depths approximately 20' bgs for MW-1/MW-2 and 25' bgs for MW-3/MW-4. Locations of the wells are shown in **Figure 5.** All monitoring wells were constructed using 2-inch inside diameter (ID), flush joint, Schedule 40 polyvinyl chloride (PVC), with 0.010-inch slotted screen at 5.0 feet in length. All wells were flush mounted with lockable caps. Well construction logs are provided in **Appendix D**.

2.3.2 Well Development

Monitoring well development was conducted using a disposable polyethylene bailer. Dedicated equipment was used for each specific well where possible. Development continued until the maximum practical volume of groundwater was removed; however, slight turbidity remained due to the low recharge rate and fine-grained formation materials. All development and decontamination water was containerized in NYSDOT-approved drums and labeled according to the well of origin, then properly secured after use.

No light non-aqueous phase liquid (LNAPL), dense non-aqueous phase liquid (DNAPL), sheen, or notable odors were observed during development. Field parameters—pH, temperature, turbidity, dissolved oxygen (DO), oxidation-reduction potential (ORP), specific conductance, flow

rate, and water level—were recorded periodically for stabilization and health and safety monitoring. Visual and olfactory screening and photoionization detector (PID) readings were also conducted.

Final determination regarding the proper disposition of development water (e.g., on-site treatment, off-site disposal, or surface discharge with NYSDEC approval) will be made based on laboratory analytical results and procedures will be described in the RAWP. Well development logs are provided in **Appendix E**.

2.3.3 Groundwater Sampling

Groundwater sampling of overburden wells was conducted on July 9 and 10, 2026. Low-flow sampling techniques were employed using a low flow peristaltic pump and dedicated tubing in accordance with NYSDEC-approved procedures.

Field parameters were continuously monitored throughout purging and sampling, consistent with the protocol described in Section 2.2.2. Sampling commenced once stabilization criteria were met, and turbidity levels were confirmed to be below 50 Nephelometric Turbidity Units (NTU).

Samples were placed in laboratory-supplied containers, preserved as required, packed in iced coolers, and submitted under chain-of-custody to Eurofins Environment Testing – Buffalo, a NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory. Purge logs are included in **Appendix F**.

2.4 VAPOR INVESTIGATION

The vapor investigation was conducted in accordance with the October 2006, New York State Department of Health *Guidance for Evaluating Soil Vapor Intrusion in the State of New York,* as amended in May 2017 updated Feb. 2024.

2.4.1 Vapor Point Installation

On June 30th and July 1st, 2026, seven vapor points (RI-VP-1 through RI-VP-7) were installed across the Site (See **Figure 5)**. Vapor points were advanced using a track-mounted Geoprobe® 6011DT direct push drilling rig. Locations were selected to provide representative site coverage, particularly in areas with a history of potentially impacted soil or fill placement. Vapor points RI-VP-1, RI-VP-3, RI-VP-5, and RI-VP-7 were placed at 12.0ft bgs. Vapor points RI-VP-2, RI-VP-4, and RI-VP-6 were placed at 5ft bgs. Each vapor point consisted of a ¼-inch outer diameter polyvinyl chloride (PVC) tubing fitted with a 3/8-inch stainless steel mesh screen at the base. The screened interval was surrounded with clean, porous #0 sand to a depth of approximately 2 feet, followed by a bentonite seal, ranging in thickness from 3 to 10 feet, to isolate the probe and prevent preferential pathways for vapor migration along the boring annulus. Vapor point construction details are documented in **Appendix G**.

The sub-slab vapor point (RI-SS-1) was installed inside the existing building utilizing a portable hammer drill to penetrate the concrete slab. A 5/8” drill bit as utilized to extended through the thickness of the slab and approximately 2” into the sub-slab material. The shallow 5/8” drilled hole was cleaned using a round steel wire brush and the surface of the adjacent concrete was cleaned using a flat wire brush to remove any residual concrete dust from the floor’s surface. A

Vapor Pin® was then positioned into the drilled hole and tapped into place with a dead blow hammer and temporarily capped to prevent vapor loss prior to sampling.

An ambient air canister was placed next to the sub-slab canister inside the existing building, RI-IA-1. Another ambient air canister was placed outside the building, RI-UP-1.

2.4.2 Soil Vapor Sampling

Sampling was conducted over a 24-hour period from June 4 to June 5, 2025, using 6-liter SUMMA® canisters equipped with calibrated 24-hour regulators. All sampling activities were performed in accordance with the latest NYSDOH Guidance for Evaluating Soil Vapor Intrusion. Vapor sample depths were as follows:

Sample ID	Sample Depth (ft bgs)
RI-VP-1	10 to 12
RI-VP-2	3 to 5
RI-VP-3	10 to 12
RI-VP-4	3 to 5
RI-VP-5	10 to 12
RI-VP-6	3 to 5
RI-VP-7	10 to 12

2.5 Building Environmental Condition Assessment

One existing building will be demolished and removed as part of the new development. A Pre-Demolition Asbestos and Hazardous Materials Survey will be completed prior to the demolition. All demolition debris will be properly sorted, characterized, and disposed of at an approved landfill or recycling facility.

At the time of the Remedial Investigation, the Site contained an existing former mini-mart building that remains on-site, with demolition to be planned as part of future site redevelopment activities. A visual inspection of accessible portions of the building was performed to identify potential environmental concerns associated with the structure. No visible floor drains or sumps were observed within the building, and no other apparent pathways for the discharge of liquids to the subsurface were identified.

2.6 RI Deviations

One test trench and two bore hole locations were moved due to concerns of contamination brought up by the NYSDEC during the RI and possible UST found during the geo-physical survey (**Appendix H)**.

Test trench 3 (RI-TT-3) was moved to the NE edge of the site to explore a geophysical anomaly (see **Appendix H)**. A large amount of construction debris was found in this new location. Bore Hole 4 (RI-BH-4) was moved West to cover the original location of Test Trench 3.

Bore Hole 2 (RI-BH-2) was moved North to further explore contamination concerns found in Test Trench 1 (RI-TT-1).

A gamma radiation survey was conducted around test trench 4 due to the presence of slag (see **Appendix I)**.

2.7 QUALITY ASSURANCE/QUALITY CONTROL SAMPLING

Project-specific quality assurance/quality control (QA/QC) samples were collected during the soil and groundwater investigations as outlined in the approved RIWP. The purpose of these samples is to achieve the data quality indicators of precision, accuracy, representativeness, comparability and completeness. Additionally, this data is necessary to assist the third-party data usability assessment necessary to complete the Data Usability Summary Reports (DUSRs). Laboratory analytical reports and DUSRs are in **Appendix K** and **Appendix L**, respectively, and are provided as separate attachments.

3.0 PHYSICAL CHARACTERISTICS OF THE AREA

3.1 SURFACE FEATURES

The 2.15-acre Site encompasses one parcel located at 375 Michigan Avenue, Buffalo, Erie County, New York. The associated SBL number is 111.63-1-1.11. The middle of the 375 Michigan Avenue parcel is located at latitude 42º52’57.23” N; Longitude 78º52’5.63” W and is 603 feet above sea level.

The Site is generally flat and gently sloping south. Surface water and shallow groundwater flow most likely has been impacted over time by the various developments and fills as well as foundations, street beds, and utility lines. Surface water is directed to adjacent streets and low spots with storm drains. The topography of the site is show on **Figure 2**.

3.2 SUBSURFACE FEATURES

3.2.1 GEOPHYSICAL SURVEY

A geophysical survey was performed over the entire Northern portion of the site extending about 250ft south from East Eagle Street along the Northern boundary of the site. Five geophysical anomalies were observed, see **Appendix H** for the geophysical survey results. No USTs were found at anomaly locations during the RI.

3.2.2 SITE GEOLOGY

Subsurface conditions at the Site were evaluated through four phases of investigations. In August 2020 a Phase II ESA was conducted. In July 2024 a Phase II ESA was to assess eligibility for the BCP. The subsurface soil assessment identified the existence of fill materials across the site. In January 2026, six additional test pits were completed to better characterize the subsurface. During the RI, an additional 12 soil borings, 6 test trenches, and 4 overburden monitoring wells were completed in June/July 2026.

The soil borings indicate that the site is generally underlain by 1.5 to 5 feet of urban fill consisting of brown to black Sandy Gravel with little clayey silt and urban fill debris (brick, ash, cinders, concrete, glass, plastics, and clay piping). Beneath the fill, the native material consisted of brown Clay & Silt with little sand. Soil boring logs are provided in **Appendix C**, and well construction logs in **Appendix D**.

During advancement of the bore holes and monitoring wells, bedrock was not encountered.

3.2.3 SITE HYDROGEOLOGY

Groundwater conditions at the Site were evaluated using four overburden monitoring wells (RI-MW-1 through RI-MW-4). Monitoring wells RI-MW-1 and RI-MW-2 are screened from approximately 10 to 20 feet bgs, while RI-MW-3 and RI-MW-4 are screened from approximately 15 to 25 feet bgs. Site native soils generally consists of relatively low-permeability, clay-rich soils.

Depth to groundwater, the monitoring wells ranged from approximately 12.5 to 16.0 feet below the top of well casing. Based on surveyed top-of-casing elevations, calculated groundwater elevations ranged from approximately 587.20 to 589.73 feet. Groundwater elevations were 588.57 feet at MW-1, 587.20 feet at MW-2, 589.73 feet at MW-3, and 587.29 feet at MW-4. Groundwater Elevation contours are shown on **Figure 9.**

The groundwater elevation data indicates variability in hydraulic head across the Site, with the highest measured groundwater elevation occurring at RI-MW-3 and the lowest occurring at RI-MW-2. A localized potentiometric high appears to be present in the vicinity of RI-MW-3, with groundwater elevations generally decreasing toward RI-MW-2 and RI-MW-4. The observed variability may reflect the relatively low permeability and heterogeneous nature of the overburden soils, which can limit hydraulic communication across the Site.

3.3 DEMOGRAPHY AND LAND USE

375 Michigan Ave. Project will be a transit-oriented affordable housing development bordering on the City of Buffalo's eastside community and the downtown central business district. This infill new construction project will provide up to 158 affordable rental units for one-, two-, and three-bedroom households with incomes at or below 50% and 60% of the area median income (AMI), utilizing the federal Low-Income Housing Tax Credit ("LIHTC"). The existing one-story, 2,352 square foot slab-on-grade structure will be demolished to make way for the new development. Demolition will not occur as part of the RI. Demolition will occur approximately one month after Homes and Community Renewal (HCR) finance closing which will not occur until a Decision Document (DD) is obtained from NYSDEC. The proposed post-remediation use is consistent with the current zoning.

4.0 LABORATORY ANALYSIS

4.1 SOIL

Soil samples were analyzed as follows:

Soil Boring	Target Analyses	EPA Methods
RI-BH-1 Through RI-BH-12	Target Compound List (TCL) VOCs + TICs	8260
	TCL SVOCs + TICs	8270
	Target Analyte List (TAL) Metals (Including mercury and total cyanide)	6010/7470/7471

	PCBs	8280
	TCL Pesticides	8081
	1,4dioxane	8270SIM
	Per- and Polyfluoroalkyl Substances ([PFAS]; Perfluorooctanoic acid [PFOA]/ Perfluorooctanesulfonic acid [PFOS])	1633
RI-MW-1 through RI-MW-4	TCL VOCs + TICs	8260
	TCL SVOCs + TICs	8270
	TAL Metals (Including mercury and total cyanide)	6010/7470/7471
	PCBs	8280
	TCL Pesticides	8081
	1,4dioxane	8270SIM
	PFAS (PFOA/PFOS)	1633
RI-TT-1 through RI-TT-6	TCL VOCs + TICs	8260
	TCL SVOCs + TICs	8270
	TAL Metals (Including mercury and total cyanide)	6010/7470/7471
	PCBs	8280
	TCL Pesticides	8081
	1,4dioxane	8270SIM
	PFAS (PFOA/PFOS)	1633

4.2 GROUNDWATER

All groundwater samples were analyzed for the full Part 375 Brownfields constituent list as follows:

Monitoring Well	Target Analyses	EPA Methods
RI-MW-1 through RI-MW-4	TCL VOCs + TICs	8260
	TCL SVOCs + TICs	8270
	TAL Metals (Including mercury and total cyanide)	6010/7470/7471
	PCBs	8280
	TCL Pesticides	8081
	1,4dioxane	8270SIM
	PFAS (PFOA/PFOS)	1633

4.3 SOIL VAPOR

Soil vapor samples were analyzed for TCL VOCs by EPA Method TO-15.

Vapor Point	Target Analyses	EPA Methods
RI-VP-1 through RI-VP-7 & RI-SS-1, RI-IA-1, RI-UP-1	TCL VOCs	TO-15

5.0 DISCUSSION OF RESULTS

5.1 SOIL SAMPLING ANALYTICAL RESULTS

All RI soil sampling analytical results exceeding unrestricted and restricted residential SCOs are shown on **Table 1 to Table 4/Figure 6** for boring soil samples**. Tables 1 to Table 4** also show sample Residential, Commercial and Industrial SCO exceedances. The following sections provide a summary of soil sample analytical results that only exceed Restricted Residential SCOs.

5.1.1 METALS

Restricted Residential Exceedances			
Analyte	**Sample ID**	**Result (ppm)**	**SCO (ppm)**
Mercury	RI-BH-3 1-3’	1.3	0.3
	RI-BH-7 1-3’	0.53	
	RI-BH-8 1-3’	3.9	
	RI-BH-10 1-3’	0.4	
	RI-BH-11 0-2’’	0.3	
	RI-BH-12 0-2”	0.44	
	RI-TT-3 1-3’	1.3	
	RI-TT-5 1-2’	0.36	
	RI-TT-6 1-3’	0.51	
Lead	RI-BH-3 1-3’	1690	400
	RI-BH-8 1-3’	1940	
	TT-3 1-3’	1110	
	TT-6 1-3’	436	
Arsenic	RI-BH-8 1-3’	22.5	16.0
Barium	RI-TT-3 1-3	433	410
Manganese	RI-TT-4 1-3	2320	2000

5.1.2 SVOCs

Restricted Residential Exceedances			
Analyte	**Sample ID**	**Result (ppm)**	**SCO (ppm)**
Benzo[a]anthracene	RI-BH-3 0-2”	3.8	1.4
	RI-BH-8 0-2”	2.0	
	RI-BH-9 0-2”	2.6	
	RI-BH-12 0-2”	2.0	
	RI-TT-3 1-3’	53	
	RI-TT-5 1-2’	3.3	
Benzo[a]pyrene	RI-BH-7 4-6’	4.7	1
	RI-BH-2 0-2”	1.9	
	RI-BH-3 0-2”	3.6	
	RI-BH-8 0-2”	2.1	
	RI-BH-9 0-2”	2.7	
	RI-BH-12 0-2”	2.2	
	RI-TT-3 1-3’	47	
	RI-TT-4 1-3’	1.2	
	RI-TT-5 1-2’	3	
	RI-TT-6 1-3’	1.3	
Benzo[b]fluoranthene	RI-BH-7 4-6’	5.3	1.4
	RI-BH-2 0-2”	2.7	
	RI-BH-3 0-2”	5.3	
	RI-BH-4 0-2”	1.9	
	RI-BH-8 0-2”	2.7	
	RI-BH-9 0-2”	3.7	
	RI-BH-11 0-2”	1.6	
	RI-BH-12 0-2”	3.2	
	RI-TT-1 1-3’	1.4	

	RI-TT-3 1-3’	64	
	RI-TT-4 1-3’	1.5	
	RI-TT-5 1-2’	3.5	
	RI-TT-6 1-3’	1.5	
Benzo[g,h,i]perylene	RI-TT-3 1-3’	26	4.9
Benzo[k]fluoranthene	RI-TT-3 1-3’	28	4.9
Chrysene	RI-BH-7 4-6’	6.1	4.9
	RI-TT-3 1-3’	64	
Dibenz(a,h)anthracene	RI-BH-7 4-6’	0.74	0.33
	RI-BH-2 0-2”	0.35	
	RI-BH-3 0-2”	0.65	
	RI-TT-3 1-3’	9.2	
	RI-TT-5 1-2’	0.5	
Fluoranthene	RI-TT-3 1-3’	200	100
Indeno[1,2,3-cd]pyrene	RI-BH-7 4-6’	2.2	1.4
Phenanthrene	RI-BH-7 4-6’	13	4.9
	RI-BH-3 0-2”	5.1	
	RI-TT-3 1-3’	110	
	RI-TT-5 1-2’	5.7	
Pyrene	RI-TT-3 1-3’	100	100

5.1.3 VOCS

No VOCs exceed Restricted Residential SCOs in any soil samples

5.1.4 ORGANOCHLORINE PESTICIDEDES

No Organochlorine Pesticides exceed Restricted Residential SCOs in any soil samples.

5.1.5 PFAS

No PFAS exceed Restricted Residential SCOs in any soil samples.

5.1.6 PCBs

No PCBs were detected in any soil samples

5.2 GROUNDWATER SAMPLE ANALYTICAL RESULTS

All RI groundwater sampling results exceeding or meeting TOGS 1.1.1 guidelines and NYSDEC Part 375 (PFAS only) are provided on **Table 5** and shown on **Figure 8**. The following sections summarize compound exceedances of TOGS 1.1.1 guidelines:

5.2.1 METALS

Restricted Residential Exceedances			
Analyte	**Sample ID**	**Result (ppm)**	**SCO (ppm)**
Iron	RI-MW-1 DUP	1700	300
	RI-MW-4	2400	
Manganese	RI-MW-1	137000	35,000
	RI-MW-1 DUP	155000	
	RI-MW-2	92700	
	RI-MW-3	86900	
	RI-MW-4	93200	
Sodium	RI-MW-1	55500	20,000
	RI-MW-1 DUP	52000	
	RI-MW-2	105000	
	RI-MW-3	76600	
	RI-MW-4	195000	

5.2.2 ORGANOCHLORINE PESTICIDES

Restricted Residential Exceedances			
Analyte	**Sample ID**	**Result (ppm)**	**SCO (ppm)**
Aldrin	RI-MW-2	0.013	ND

5.2.3 SVOCs

No SVOCs exceeded or were equivalent to TOGS 1.1.1 standards.

5.2.4 VOCs

No VOCs exceeded or were equivalent to TOGS 1.1.1 standards.

5.2.5 PFAS

No PFAS exceeded or were equivalent to Part 375 standards.

5.2.6 PCBs

No PCBs were detected in any water samples.

5.3 VAPOR SAMPLE ANALYTICAL RESULTS

The following provides a summary of the results of the RI soil vapor sample analytical program. All soil vapor samples were collected in accordance with the *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*-Amended May 2017 and updated Feb. 2024. A total of Eight soil vapor samples were analyzed for TCL VOCs by EPA method TO-15 and the results are provided on **Table 6** and **Figure 7**. Numerous detections of VOCs were found in the soil vapor. Although there were numerous detections, the concentrations of these detections are not considered elevated. In performing a sub-slab vapor (RI-SS-1)/indoor air (RI-IA-1)matrix analysis, no VOC compounds included in the matrices called for mitigation but were all assessed at no further action.

5.4 CONTAMINANTS OF CONCERN

Based on the RI and previous environmental investigation results, the primary contaminants of concern (COC) in Site media are noted below.

5.4.1 SOIL

The primary COC in Site soils are metals and SVOCs (PAHs). Specific contaminants are as follows:

Metals

- Mercury
- Lead
- Arsenic
- Barium
- Manganese

SVOCS

- Benzo[a]anthracene
- Benzo[a]pyrene
- Benzo[b]fluoranthene
- Benzo[g,h,i]perylene
- Benzo[k]fluoranthene
- Chrysene
- Dibenz(a,h)anthracene
- Fluoranthene
- Indeno[1,2,3-cd]pyrene
- Phenanthrene

- Pyrene

5.4.2 GROUNDWATER

Sodium, Manganese and iron were detected above guidance values; however, these metals can be naturally occurring and are not considered contaminants of concern. The Organochlorine Pesticide Aldrin was detected in low concentration. These exceedances are considered minimum and therefore, no contaminants of concern are considered in groundwater.

5.4.3 SOIL VAPOR

VOCs were detected in soil vapor samples and sub-slab samples. Specific elevated soil vapor samples included Carbon tetrachloride and Cyclohexane. Specific elevated sub-slab samples included Cyclohexane. All other vapor detections are not considered elevated. In performing a sub-slab vapor (RI-SS-1)/indoor air (RI-IA-1)matrix analysis, no VOC compounds included in the matrices called for mitigation but were all assessed at no further action.

5.5 DUSR ASSESSMENT

Data validation concluded that all analytical data was usable except for a few soil pesticide compound concentrations which were rejected as unusable. Most of the rejected results were for compounds that do not have SCO values (no standard). Several compound concentration results were assessed as estimated quantities and deemed biased high or low by validation but did not change the data results as provided in the lab reports. DUSR's are provided in Appendix L.

6.0 FATE AND TRANSPORT OF CONTAMINANTS OF CONCERN

The soil, groundwater and soil vapor sample analytical results were incorporated with the physical Site conditions to evaluate the fate and transport of COC in Site media. The mechanisms through which the COC can migrate to other areas or media are briefly outlined below. The potential pathways are evaluated in the context of pre-remedial conditions.

6.1 FUGITIVE DUST

Contaminants present in soil can be released into ambient air due to fugitive dust generation from disturbance of dry friable soils. Besides the small 2000+ sf building the Site is grass covered with small sections of stone/asphalt parking areas. This current coverage limits any fugitive dust generation.

6.2 SURFACE WATER

There are no surface water bodies directly on the Site. The potential for impacted soil particle transport with surface water runoff is considered low due to the hard scape and vegetative cover over the Site. Most runoff is collected in the municipal stormwater collection system within streets bordering the Site.

6.3 VOLATILIZATION

No VOCs were detected above Restricted Residential SCOs in soil samples from the RI or previous investigations. Acetone was detected slightly above its Unrestricted SCOs in several RI soil samples but maybe attributed to the fact that its compound often found in laboratory equipment cleaning process. Groundwater samples collected from on-site wells during the RI

indicated that VOCs are not present in groundwater above TOGS 1.1.1 guidance values. Numerous detections of VOCs were found in soil vapor samples and the sub-slab vapor sample, including chlorinated volatile organic compounds and petroleum hydrocarbons. In performing a sub-slab vapor (RI-SS-1)/indoor air (RI-IA-1)matrix analysis, no VOC compounds included in the matrices called for mitigation but were all assessed at no further action. Specific elevated VOCs are discussed in section 5.4.3.

6.4 LEACHING

Leaching refers to contaminants in soil/fill migrating into groundwater due to infiltration of precipitation. VOCs were not detected in the soil samples above Restricted Residential SCOs and only Acetone exceeding Unrestricted SCOs in a few samples, however, both SVOCs (primarily PAHs) and metals were detected in the site soils above restricted residential SCOs. PAHs and metals are not very mobile in soils in that they have low solubility with water and tend to adsorb to the soil grains. SVOCs, PCBs, and pesticides were not detected above TOGS 1.1.1 guidance values in the groundwater samples collected from the monitoring wells during the RI. No VOCs were detected above TOGS 1.1.1 guidance values apart from acetone and chloroform concentrations detected slightly above guidance values in one well each. The metals sodium and iron were detected above TOGS 1.1.1 guidance values, both constituents are likely naturally occurring because of bedrock constituents.

6.5 GROUNDWATER TRANSPORT

As previously noted in Section 5.4.2 (Contaminants of Concern – Groundwater), there are no contaminants of concern in groundwater.

Since the Site and surrounding area are serviced by municipal water, which will also be used for the new development, significant exposure to any chemicals in the groundwater are minimal at the Site.

6.6 EXPOSURE PATHWAY SUMMARY

Based on the above assessment, the pathways through which COC could reach receptors at significant exposure concentrations are minimal. The most potentially complete pathways include fugitive dust generation if the existing cover is disturbed and volatilization of VOCs (soil vapor) from impacted subsurface materials.

7.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

A Qualitative Human Health Exposure Assessment (QHHEA) was completed in general accordance with Appendix 3B of DER-10 to identify potential exposure pathways associated with the COC at the Site. The exposure pathway elements are summarized as follows:

7.1 HUMAN EXPOSURE

Qualitative Exposure Assessment Summary	
Environmental Media & Exposure Route	**Human Exposure Assessment**
Direct contact with surface soils (and incidental ingestion)	(Current) The general population should not come into contact with contaminated surface

	soils as they are primarily covered by hardscape and vegetative cover.
Direct contact with subsurface soils (and incidental ingestion)	(Future) People may come into contact with subsurface soils during ground-intrusive work related to remediation and new development.
Ingestion of groundwater	Although there were minor exceedances found in groundwater, the Site is currently and will continue to be served by municipal water.
Direct contact with groundwater	Although there were minor exceedances found in groundwater, the Site is currently and will continue to be served by municipal water.
Inhalation of air (exposures related to SVI)	(Current) There are currently no occupied buildings on-site, therefore soil vapor intrusion is not a current concern. (Future) People may come into contact with impacted soil vapors during existing cover disturbance. The concentration of soil vapors is low, there is also the potential for inhalation of soil vapors through soil vapor intrusion for any future site redevelopment and occupancy.

7.1.1 CONTAMINATE SOURCES

Analytes exceeding regulatory standards were consistently observed throughout Site soils. Based on the RI and previous investigations, the overburden is almost entirely composed of impacted fill, ranging in depth from 1.5 to 5 feet bgs. No point contaminant sources have been identified, and groundwater has been minimally impacted. In performing a sub-slab vapor (RI-SS-1)/indoor air (RI-IA-1)matrix analysis, no VOC compounds included in the matrices called for mitigation but were all assessed at no further action.

7.1.2 CONTAMINANT RELEASE AND TRANSPORT MECHANISMS

The only release/transport of impacted soils to an exposed population would be through fugitive dust from any disturbace of the existing cover matrerial and rain that may result in soil erosion. However, as previously noted, the Site is currently covered with hardscape and grassed areas with very little exposed soil which limits any fugitive dust generation along with erodible soils. There are no public groundwater wells on the Site effectively eliminating population exposure to groundwater. Impacted soil vapors may be released to the environment if the existing cover is disturbed. Currently Site is vacant and fenced and has a mostly impermeable cover system as previously noted.

7.1.3 POTENTIAL EXPOSURE POINTS

Currently, direct contact exposure to impacted soil is low due to the predominantly hardscape and greenspace cover over the Site. Inhalation of site-related contaminants of concern is currently unlikely, as the site is fenced off and vacant. The fencing extremely reduces accessibility to the general public. There are no public groundwater wells on the Site and groundwater is mostly located at greater than 10 feet bgs.

7.1.4 ROUTES OF EXPOSURE

Current or future route of exposure would be direct contact or inhalation/ingestion of impacted soils. There is also the potential for inhalation of soil vapors through soil vapor intrusion for any future site redevelopment and occupancy. Although no contaminants of concern were identified for groundwater, there were minor exceedances. There is potential for direct contact or ingestion of groundwater during ground intrusive work.

7.1.5 ON-SITE RECEPTOR POPULATION

The receptor population is currently limited to trespassers.

7.1.6 OFF-SITE EXPOSURE

Currently, direct exposure to off-site receptors from Site impacted soil is low due to the predominantly hardscape and grass/greenspace cover over the Site. Although currently limited, off-site migration of contaminants could potentially impact off-site receptor populations during future remediation.

7.2 ECOLOGICAL EXPOSURE RISKS

The property in its current condition is not a habitat to wildlife. Site erosion is minimal as nearly all of the site consists of grassed greenspace and other hardscape. Surface run-off flows off-site to the surrounding street stormwater collection system.

The Fish and Wildlife Resources Impact Analysis (FWRIA) Decision Key provided in Appendix 3C of DER-10 was completed during development of the RIWP and is included in **Appendix J**. No FWRIA is required based on the completed decision key process. This determination is based on the following:

- The Site was commercial property in a Brownfield Opportunity Area (BOA).
- The contamination at the site has very low potential to migrate into or impact any off-site habitat of endangered, threatened, or special concern species or other fish and wildlife resources.
- There are no habitats onsite or nearby.

Any future intrusive work will be conducted in accordance with a Health and Safety Plan (HASP) and a Community Air Monitoring Plan (CAMP). CAMP reports will be generated and submitted to NYSDEC and NYSDOH daily while ground-intrusive activities are ongoing. Exceedances of CAMP action levels and any corrective measures taken will be reported to the Departments within 24 hours of occurrence.

Tables

Table 1: Summary of RI Boring Soil Analytical Results

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Analyte	Unrestricted Soil	Restricted Soils_Resi	Restricted	Restricted Soils_Com	Restricted Soils_Indus	RI-BH-1 1-3'		RI-BH-1 8-10'		RI-BH-2 1-3'		RI-BH-2 8-10		RI-BH-3 1-3'		RI-BH-4 1-3'		RI-BH-5 1-3'		RI-BH-5 4-6'	
						Result	Qualifie	Result	Qualifier	Result	Qualifie	Result	Qualifier	Result	Qualifie	Result	Qualifier	Result	Qualifier	Result	Qualifier
METALS (ppm)																					
Mercury	**0.18**	**0.3**	**0.3**	**1.1**	**1.1**	0.015	J	0.011	J	0.017	J	0.012	J	**1.3**		**0.055**		**0.055**		0.011	J
Aluminum						**18700**		**20600**		**18600**		**18000**		**5510**		**18000**		**10200**		**17900**	
Arsenic	**13**	**16**	**16**	**16**	**16**	**3.9**		**2.7**		**3.0**		**4.3**		**8.2**		**5.3**		1.8	J	**3.0**	
Barium	410	410	410	410	10000	**111**		**149**		**124**		**116**		**110**		**116**		**57.8**		**96.8**	
Beryllium	4.4	8.8	43	670	750	**0.74**		**0.82**		**0.72**		**0.73**		**0.25**		**0.91**		**0.41**		**0.71**	
Cadmium	2.5	2.5	2.5	3.7	4.4	**0.37**		**0.28**		**0.31**		**0.28**		**1.6**		**0.28**		**0.24**		**0.28**	
Calcium						**81200**		**63700**		**79900**		**66900**		**123000**		**160000**		**56900**		**67800**	
Chromium	**NS**	**NS**	**NS**	**NS**	**NS**	**23.3**		**24.5**		**21.8**		**22.0**		**12.0**		**22.9**		**12.9**		**21.8**	
Cobalt						**7.4**		**11.3**		**10.0**		**9.9**		**3.5**		**9.3**		**5.5**		**9.0**	
Copper	**50**	280	280	280	10000	**16.5**		**17.5**		**14.7**		**16.2**		**17.3**		**19.7**		**10.3**		**14.9**	
Iron						**21200**		**21800**		**19500**		**20600**		**7770**		**19600**		**12900**		**19400**	
Lead	**63**	**400**	**400**	**1000**	3900	**7.3**		**10.0**		**12.0**		**8.7**		**1690**		**67.5**		**7.1**		**9.6**	
Magnesium						**32400**		**26500**		**30600**		**28600**		**4460**		**14700**		**25300**		**25300**	
Manganese	1600	2000	2000	10000	10000	**427**		**470**		**453**		**481**		**168**		**433**		**354**		**446**	
Nickel	30	87	320	320	5900	**17.5**		**20.8**		**18.7**		**20.5**		**9.1**		**20.4**		**10.7**		**17.5**	
Potassium						**5640**		**7090**		**6230**		**6030**		**1220**		**4920**		**3370**		**6050**	
Selenium	3.9	22	110	1700	2000	ND		ND		ND		ND		ND		ND		ND		ND	
Silver	2	22	110	1700	2000	0.48	J	0.48	J	0.42	J	0.41	J	ND	UJ	0.46	J	0.31	J	0.37	J
Sodium						**459**		**541**		**424**		**408**		**299**		**375**		**274**		**374**	
Vanadium						**36.2**		**38.5**		**32.4**		**34.9**		**21.2**		**33.7**		**22.2**		**33.1**	
Zinc	**109**	1300	6600	10000	10000	**90.3**		**74.7**		**76.7**		**74.2**		240		**83.6**		**55.0**		**74.6**	
ORGANOCHLORINE PESTICIDIES (ppm)																					
4,4'-DDD	**0.0033**	1.2	5	33	33	ND		ND		ND		ND		**0.0016**	J	ND	F2	ND		ND	
4,4'-DDE	**0.0033**	0.78	3.4	22	22	ND		ND		ND		ND		0.0053		ND	F2	ND		ND	
4,4'-DDT	**0.0033**	0.78	3.8	27	27	ND		ND		ND		ND		0.0045	J	ND	F2	ND		ND	
alpha-BHC	0.02	0.042	0.18	1.2	1.2	ND		ND		ND		ND		0.00086	J	ND	F2	ND		ND	
delta-BHC	0.04	100	100	500	1000	ND		ND		ND		ND		ND		ND	F2	ND		ND	
Endrin ketone						ND		ND		ND		ND		ND		ND	F1 F2	ND		ND	
gamma-BHC (Lindane)	0.025	0.05	0.21	0.21	3.4	ND		ND		ND		ND		ND		ND	UJ	ND		ND	
Methoxychlor						ND		ND		ND		ND		0.0015	NJ	ND	UJ	ND		ND	
PER- & POLYFLUOROALKYL SUBSTANCE (PFAS) (ppt)																					
Perfluorohexanesulfonic acid (PFHxS)						ND		ND		ND		ND		ND		ND		ND		ND	
Perfluorooctanesulfonic acid (PFOS)						**0.21**		ND		ND		ND		**0.54**		ND		0.11	J	ND	
Perfluorooctanoic acid (PFOA)						ND		ND		ND		ND		0.085	J	ND		ND		ND	
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCS) (ppm)																					
Acenaphthene	20	100	100	500	1000	ND		ND		ND		ND		0.054	J	ND		ND		ND	
Acenaphthylene	100	100	100	500	1000	ND		ND		ND		ND		ND		ND		ND		ND	
Anthracene	100	100	100	500	1000	ND		ND		ND		ND		0.14	J	ND		ND		ND	
Benzo[a]anthracene	**1**	**1**	**1.4**	37	37	ND		ND		0.034	J	ND		**0.36**		ND		**0.61**	J	ND	
Benzo[a]pyrene	**1**	**1**	**1**	**3.7**	**3.7**	ND		ND		0.04	J	ND		**0.3**		ND		**0.68**	J	ND	
Benzo[b]fluoranthene	**1**	**1**	**1.4**	37	37	ND		ND		0.06	J	ND		**0.39**		ND		**0.94**	J	ND	
Benzo[g,h,i]perylene	**0.64**	**1.2**	4.9	47	78	ND		ND		0.035	J	ND		**0.2**		ND		**0.47**	J	ND	
Benzo[k]fluoranthene	**0.8**	**1.2**	4.9	47	78	ND		ND		ND		ND		0.17	J	ND		ND		ND	
Bis(2-ethylhexyl) phthalate						ND		ND		ND		ND		ND		ND		ND		ND	
Carbazole						ND		ND		ND		ND		0.071	J	ND		ND		ND	
Chrysene	**1**	**1.2**	**4.9**	47	78	ND		ND		0.049	J	ND		**0.37**		ND		**0.68**	J	ND	
Di-n-butyl phthalate						ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-octyl phthalate						ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.33	0.33	0.33	3.7	3.7	ND		ND		ND		ND		0.059	J	ND		**ND**		ND	
Dibenzofuran	2.1	4.2	18	180	290	ND		ND		ND		ND		ND		ND		ND		ND	
Fluoranthene	85	100	100	500	1000	ND		ND		0.11	J	ND		**0.8**		ND		1.3	J	ND	
Fluorene	30	100	100	500	1000	ND		ND		ND		ND		0.054	J	ND		ND		ND	
Indeno[1,2,3-cd]pyrene	**0.5**	**0.5**	**1.4**	37	37	ND		ND		0.031	J	ND		0.18	J	ND		**0.42**	J	ND	
Naphthalene	12	84	100	500	1000	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	**1.1**	**1.2**	**4.9**	47	78	ND		ND		0.043	J	ND		**0.59**		ND		**0.49**	J	ND	
Pyrene	64	100	100	500	1000	ND		ND		0.086	J	ND		**0.62**		ND		0.81	J	ND	
Total T.I.C.s (15)	na	na	na	na	na	1		1		1		3		14		3		1		2	
VOLATILE ORGANIC COMPOUNDS (VOCS)																					
Acetone	0.03	100	100	500	1000	ND	vs	0.028	UJ	0.03	UJ	0.029	UJ	0.028	UJ	0.029	UJ	ND	UJ	ND	UJ
Benzene	0.06	1.2	3.7	20	20	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	UJ	**0.047**	UJ
Carbon tetrachloride	0.76	1.9	7.1	41	41	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	UJ	**0.15**	UJ
Chloroform	0.37	4.8	24	180	180	0.0069	UJ	0.0057	UJ	0.0059	UJ	0.0057	UJ	0.0056	UJ	0.0058	UJ	0.0055	UJ	**0.11**	UJ
T.I.C						**None**		**None**		**None**		**None**		**0.0064**	T J	**None**		**None**		**None**	
Toluene	0.7	100	100	500	1000	ND	vs	ND	vs	ND	vs	ND	vs	0.0056	UJ	ND	vs	ND	UJ	ND	UJ

Notes:

ND	Not Detected
NS	No Standard
NYSDEC	New York State Department of Environmental Conservation
ppm	parts per million
ppt	parts per trillion
'	feet below ground surface
R	result is rejected/unusable

	Above Unrestricted and Below Residential
	Above Residential and Below Restricted Residential
	Above Restricted Residential and Below Commercial
	Above Commercial and Below Industrial
	Above Industial

Table 1A: Summary of RI Boring Soil Analytical Results Continued

Analyte	Unrestricted Soil	Restricted	Restricted	Restricted	Restricted Soils_Indu	RI-BH-6 1-3'		RI-BH-6 4-6'		RI-BH-7 1-3'		RI-BH-7 4-6'		RI-BH-8 1-3'		RI-BH-8 8-10'		RI-BH-9 1-3'		RI-BH-10 1-3'		RI-BH-11 1-3'		RI-BH-12 1-3'		RI-BH-12 8-10	
						Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
METALS (ppm)																											
Mercury	**0.18**	**0.3**	**0.3**	**1.1**	**1.1**	0.020	J	0.010	J	**0.53**		0.0078	J	**3.9**		0.013	J	**0.15**	F1 F2	**0.40**		0.018	J	**0.19**		0.012	J
Aluminum						**7410**		**16500**		**18500**		**9250**		**5820**	F2	**20900**		**4640**		**20400**		**21300**		**15000**		**18300**	
Arsenic	**13**	**16**	**16**	**16**	**16**	**3.7**		**3.9**		**8.6**		**2.5**		**22.5**		**4.2**		**2.7**		**4.9**		**2.6**		**3.5**		**2.9**	
Barium	410	410	410	410	10000	**48.0**		**155**		**152**		**46.7**		**284**	J	**102**		**54.6**		**126**		**108**		**76.3**		**93.3**	
Beryllium	4.4	8.8	43	670	750	**0.39**		**0.67**		**0.85**		**0.38**		**0.31**		**0.87**		0.19	J	**0.82**		**0.82**		**0.59**		**0.71**	
Cadmium	2.5	2.5	2.5	3.7	4.4	0.18	J	**0.22**		**0.39**		0.15	J	**1.6**		**0.25**		0.19	J	**0.34**		**0.28**		0.21	J	**0.28**	
Calcium						**208000**		**64100**		**24100**		**71300**		**48500**		**45800**		**44500**		**31200**		**66400**		**13300**		**63500**	
Chromium	**NS**	**NS**	**NS**	**NS**	**NS**	**17.0**		**20.4**		**25.2**		**12.2**		**18.5**		**26.0**		**8.2**		**25.3**		**25.6**		**18.7**		**22.2**	
Cobalt						**4.4**		**9.7**		**10.6**		**5.7**		**4.6**		**14.8**		**2.2**		**11.0**		**11.2**		**7.8**		**9.6**	
Copper	**50**	280	280	280	10000	**12.6**		**16.2**		**24.7**		**10.3**		**11.4**		**19.5**		**5.6**		**19.9**		**15.3**		**14.0**		**17.5**	
Iron						**9740**		**19900**		**28200**		**12800**		**14400**		**24300**		**8200**		**23500**		**20900**		**16700**		**20100**	
Lead	**63**	**400**	**400**	**1000**	3900	**20.3**		**8.6**		**27**		**16.7**		**1940**		**6.3**		**11.5**		**107**		**8.9**		**24.1**		**7.7**	
Magnesium						**12100**		**28500**		**9990**		**35200**		**6230**	J	**21000**		**18100**		**13500**		**23300**		**6800**		**27500**	
Manganese	1600	2000	2000	10000	10000	**295**		**432**		**253**		**411**		**279**	J	**401**		**195**		**460**		**445**		**241**		**450**	
Nickel	30	87	320	320	5900	**14.1**		**18.4**		**22.2**		**10.2**		**12.2**		**24.8**		4.3	J	**22.0**		**22.0**		**17.0**		**18.9**	
Potassium						**2230**		**5600**		**4020**		**3090**		**1410**	J	**6680**		**1040**		**4770**		**6800**		**3040**		**6390**	
Selenium	3.9	22	110	1700	2000	ND		ND		ND		ND		**0.95**	J	ND		ND		ND		ND		ND		ND	
Silver	2	22	110	1700	2000	ND	UJ	0.42	J	0.56	J	0.32	J	**1.1**	J	0.44	J	ND	UJ	0.47	J	0.41	J	0.37	J	0.45	J
Sodium						**282**		**353**		**182**		**293**		**307**		**460**		**343**		**196**		**377**		152	J	**425**	
Vanadium						**22.4**		**32.6**		**38.9**		**21.7**		**21.2**		**40.1**		**16.1**		**39.8**		**36.4**		**30.9**		**35.2**	
Zinc	**109**	1300	6600	10000	10000	**62.3**		**69.3**		**220**		**49.3**		**672**		**90.1**		**96.2**		**117**		**74.6**		**108**		**73.7**	
ORGANOCHLORINE PESTICIDES (ppm)																											
4,4'-DDD	**0.0033**	1.2	5	33	33	ND		ND		ND		**ND**		ND		ND		**0.0026**	J	**ND**		ND		**0.0071**	J	ND	
4,4'-DDE	**0.0033**	0.78	3.4	22	22	ND		ND		ND		**ND**		ND		ND		**0.0011**	J	**ND**		ND		**ND**		ND	
4,4'-DDT	**0.0033**	0.78	3.8	27	27	ND		ND		ND		0.025	NJ	ND		ND		**0.0023**	J	**ND**		ND		**ND**		ND	
alpha-BHC	0.02	0.042	0.18	1.2	1.2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
delta-BHC	0.04	100	100	500	1000	ND		ND		ND		0.0079	J	ND		ND		ND		ND		ND		ND		ND	
Endrin ketone						ND		ND		ND		0.014	J	ND		ND		ND		ND		ND		ND		ND	
gamma-BHC (Lindane)	0.025	0.05	0.21	0.21	3.4	ND		ND		ND		**0.01**	J	ND		ND		ND		ND		ND		ND		ND	
Methoxychlor						0.0095	J	ND		0.02	J	0.012	NJ	ND		ND		ND		ND		ND		0.0056	J	ND	
PER- & POLYFLUOROALKYL SUBSTANCE (PFAS) (ppt)																											
Perfluorohexanesulfonic acid (PFHxS)						0.13	J	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Perfluorooctanesulfonic acid (PFOS)						**0.26**		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Perfluorooctanoic acid (PFOA)						ND		ND		ND		ND		0.088	J	ND		ND		ND		ND		ND		ND	
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCS) (ppm)																											
Acenaphthene	20	100	100	500	1000	ND		ND		ND		0.24	J	ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	100	100	100	500	1000	ND		ND		ND		**1.4**		ND		ND		ND		ND		ND		ND		ND	
Anthracene	100	100	100	500	1000	ND		ND		0.39	J	**3600**		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	**1**	**1**	**1.4**	37	37	**0.57**	J	ND		**1.8**		**1**		ND		ND		ND		0.23	J	ND		0.42	J	ND	
Benzo[a]pyrene	**1**	**1**	**1**	**3.7**	**3.7**	**0.65**	J	ND		**1.8**		**4.7**		ND		ND		ND		0.22	J	ND		0.39	J	ND	
Benzo[b]fluoranthene	**1**	**1**	**1.4**	37	37	**1**	J	ND		**1.8**		**5.3**		ND		ND		0.12	J	0.3	J	ND		0.49	J	ND	
Benzo[g,h,i]perylene	**0.64**	**1.2**	4.9	47	78	**0.51**	J	ND		**0.57**	J	**3**		ND		ND		ND		ND		ND		**0.25**	J	ND	
Benzo[k]fluoranthene	**0.8**	**1.2**	4.9	47	78	ND		ND		**0.56**	J	**3.1**		ND		ND		ND		ND		ND		ND		ND	
Bis(2-ethylhexyl) phthalate						ND		ND		ND		ND		**0.23**	B	ND		ND		ND		ND		ND		ND	
Carbazole						ND		ND		ND		0.26	J	ND		ND		ND		ND		ND		ND		ND	
Chrysene	**1**	**1.2**	**4.9**	47	78	**0.83**	J	ND		**1.8**		**6.1**		ND		ND		ND		0.24	J	ND		0.46	J	ND	
Di-n-butyl phthalate						ND		ND		ND		ND		0.05	J	ND		0.16	J	ND		ND		ND		ND	
Di-n-octyl phthalate						ND		ND		ND		ND		0.098	J	ND		ND		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.33	0.33	0.33	3.7	3.7	**ND**		ND		**0.2**	J	**0.79**	J	ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	2.1	4.2	18	180	290	ND		ND		ND		0.7	J	ND		ND		ND		ND		ND		ND		ND	
Fluoranthene	85	100	100	500	1000	**2.7**		ND		**2.4**		**15**		ND		ND		0.17	J	0.44	J	ND		**1.1**		ND	
Fluorene	30	100	100	500	1000	ND		ND		ND		**1.5**		ND		ND		ND		ND		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	**0.5**	**0.5**	**1.4**	37	37	**0.63**	J	ND		**0.64**	J	**2.7**		ND		ND		ND		**0.15**	J	ND		**0.24**	J	ND	
Phenanthrene	**1.1**	**1.2**	**4.9**	47	78	**1.7**	J	ND		**1.4**		**11**		ND		ND		0.13	J	0.25	J	ND		0.79	J	ND	
Pyrene	64	100	100	500	1000	1.6	J	ND		**1.8**		**11**		ND		ND		0.12	J	0.33	J	ND		0.76	J	ND	
Total T.I.C.s (15)	na	na	na	na	na	1		11		2		15		3		2		1		2		2		1		4	
VOLATILE ORGANIC COMPOUNDS (VOCS)																											
Acetone	0.03	100	100	500	1000	0.0082	UJ	ND	UJ	ND	UJ	ND	UJ	0.026	UJ	0.0029	UJ	**0.021**	UJ	0.028	UJ	0.028	UJ	**0.03**	UJ	0.029	UJ
Benzene	0.06	1.2	3.7	20	20	ND	UJ	ND	UJ	ND	UJ	ND	UJ	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	UJ
Carbon tetrachloride	0.76	1.9	7.1	41	41	**0.0065**	UJ	ND	UJ	ND	UJ	ND	UJ	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	UJ
Chloroform	0.37	4.8	24	180	180	0.0057	UJ	0.0056	UJ	0.0058	UJ	0.0058	UJ	0.0052	UJ	0.0059	UJ	0.0062	UJ	0.0057	UJ	0.0057	UJ	0.006	UJ	0.0058	UJ
T.I.C						**None**		**None**		**None**		**None**		**None**		**None**		**0.0066**	T J	**0.0086**	T J	**None**		**None**		**None**	
Toluene	0.7	100	100	500	1000	0.0005	UJ	ND	UJ	ND	UJ	ND	UJ	0.0052	UJ	ND	vs	ND	vs	ND	vs	ND	vs	ND	vs	ND	UJ

Notes:

ND Not Detected
NS No Standard
NYSDEC New York State Department of Environmental Conservation
ppm parts per million
ppt parts per trillion
' feet below ground surface
R result is rejected/unusable

Above Unrestricted and Below Residential
Above Residential and Below Restricted Residential
Above Restricted Residential and Below Commercial
Above Commercial and Below Industrial
Above Industrial

Table 2: Summary of RI Surface Soil Analytical Results

Analyte	NY 375-6.8a_Unr	NY 375-6.8b_Re	NY 375-6.8b_Re	NY 375-6.8b_Res	NY 375-6.8b_Rest	RI-BH-1 0-2		RI-BH-2 0-2		RI-BH-3 0-2		RI-BH-4 0-2		RI-BH-8 0-2		RI-BH-9 0-2		RI-BH-10 0-2		RI-BH-11 0-2		RI-BH-12 0-2	
						Result	Qualifi	Result	Qualifi	Result	Quali	Result	Qualifi	Result	Qualifi	Result	Qualifi	Result	Qualifi	Result	Qualifi	Result	Qualifi
METALS (ppm)																							
Cyanide, Total	**2.3**	**2.6**	13	28	240	3.1		3.1		2.5		2.8		**1.7**		2.5		ND		**1.5**		**2.2**	
Mercury	**0.18**	**0.3**	**0.3**	1.1	1.1	**0.13**		**0.044**		0.21		**0.11**		**0.14**		**0.14**		0.21		0.30		0.44	
Aluminum						**13700**		**13500**		**13100**		**8860**		**7150**		**14100**		**16100**		**12900**		**11100**	
Arsenic	13	16	16	16	16	**4.7**	J	**3.2**	J	**6.0**	J	**3.9**	J	**4.0**	J	**5.5**	J	**5.6**	J	**5.6**	J	**6.4**	J
Barium	410	410	410	410	10000	**94.8**		**75.7**		**116**		**60.9**		**57.6**		**108**		**110**		**106**		**146**	
Beryllium	4.4	8.8	43	670	750	**0.60**		**0.53**		**0.60**		**0.46**		**0.41**		**0.89**		**0.71**		**0.59**		**0.57**	
Cadmium	2.5	2.5	2.5	3.7	4.4	**0.45**	J	**0.42**	J	**0.65**	J	**0.22**	J	**0.30**	J	**0.39**	J	**0.34**	J	**0.42**	J	**0.59**	J
Calcium						**18600**		**17900**		**49500**		**149000**		**77100**		**65800**		**79200**		**101000**		**67900**	
Chromium	**1**	**1**	**1**	**11**	**11**	**18.2**		**16.2**		**19.7**		**12.0**		**12.9**		**17.3**		**20.7**		**16.6**		**18.5**	
Cobalt						**7.0**	J	**6.7**	J	**7.2**	J	**5.1**	J	**4.1**	J	**7.2**	J	**9.3**	J	**7.3**	J	**5.8**	J
Copper	50	280	280	280	10000	**20.4**	J	**16.5**	J	**31.6**	J	**14.8**	J	**16.5**	J	**18.7**	J	**20.4**	J	**22.8**	J	**26.3**	J
Iron						**16000**		**14900**		**15300**		**10800**		**10100**		**16300**		**18600**		**15400**		**13800**	
Lead	**63**	400	400	1000	3900	117		**28.1**		291		70.8		133		130		148		234		378	
Magnesium						**7590**		**7440**		**8980**		**13300**		**13000**		**17900**		**10800**		**15700**		**15700**	
Manganese	1600	2000	2000	10000	10000	**318**	^2	**342**	^2	**381**	^2	**259**	^2	**247**	^2	**523**	^2	**347**	^2	**325**	^2	**334**	^2
Nickel	30	87	320	320	5900	**14.3**		**13.0**		**15.0**		**12.9**		**11.0**		**14.7**		**18.9**		**15.4**		**14.5**	
Potassium						**2630**	J	**2260**	J	**2790**	J	**2500**	J	**2090**	J	**3160**	J	**4410**	J	**3550**	J	**2560**	J
Silver	2	22	110	1700	2000	0.39	J	0.31	J	**0.80**	J	0.30	J	0.33	J	0.43	J	0.43	J	0.38	J	0.42	J
Sodium						**175**		135	J	**178**		**164**		**210**		**212**		**217**		**187**		**230**	
Vanadium						**26.0**		**25.5**		**25.7**		**20.1**		**16.6**		**26.0**		**30.9**		**27.0**		**24.5**	
Zinc	**109**	1300	6600	10000	10000	197		130		218		51.0		153		129		125		155		242	
ORGANOCHLORINE PESTICIDES (ppm)																							
4,4'-DDT	**0.0033**	0.78	3.8	27	27	0.016	J	**ND**		0.019	J	**ND**		**ND**		**ND**		**ND**		**ND**		**ND**	
alpha-BHC	**0.02**	**0.042**	0.18	1.2	1.2	ND		ND		**0.013**	J	**ND**	F1	**ND**		**ND**		**ND**		**ND**		**ND**	
delta-BHC	**0.04**	100	100	500	1000	ND		ND		**0.015**	J	ND		ND		ND		ND		ND		ND	
gamma-BHC (Lindan	**0.025**	**0.05**	0.21	0.21	3.4	ND		ND		0.050	NJ	**ND**		**ND**		**ND**		**ND**		**ND**		**ND**	
Methoxychlor						0.024	J	0.036	J	0.022	NJ	ND		ND		ND		ND		ND		0.035	J
PER- & POLYFLUOROALKYL SUBSTANCE (PFAS) (ppt)																							
Perfluorobutanoic ac						0.33	J	0.23	J F2	0.20	J	0.24	J	0.24	J	0.29	J	0.37	J	0.37	J	**0.54**	
Perfluorodecanesulfo						ND		ND		0.11	J	ND		ND		ND		ND		ND		ND	
Perfluorodecanoic ac						**0.39**		0.17	J	0.12	J	0.090	J	ND		0.12	J	0.11	J	0.11	J	0.17	J
Perfluorododecanoic						0.14	J	ND		ND		ND		ND		ND		ND		ND		ND	
Perfluoroheptanoic a						**0.21**		ND		ND		ND		ND		0.098	J	0.11	J	0.12	J	0.11	J
Perfluorohexanoic ac						**0.33**		0.14	J	0.11	J	ND		ND		0.12	J	0.10	J	0.13	J	0.11	J
Perfluorononanoic a						**0.31**		0.16	J	0.14	J	ND		ND		0.13	J	0.12	J	0.16	J	0.16	J
Perfluorooctanesulfo						**1.9**		**0.66**		**1.3**		**0.73**		**0.28**		**0.53**		**0.34**		**0.34**		**0.78**	
Perfluorooctanoic ac						**0.71**		**0.29**		**0.29**		0.11	J	0.11	J	**0.22**		0.15	J	**0.23**		**0.24**	
Perfluoropentanoic a						**0.47**		0.18	J	0.11	J	0.11	J	ND		0.13	J	0.11	J	0.18	J	0.11	J
Perfluoroundecanoic						0.13	J	ND		ND		ND		ND		ND		ND		ND		**0.19**	
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCS) (ppm)																							
Anthracene	100	100	100	500	1000	ND		ND		1	J	ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	**1**	**1**	**1.4**	37	37	0.57	J	1.2		3.8		**ND**		2	J	2.6	J	**ND**		**ND**		2	J
Benzo[a]pyrene	**1**	**1**	**1**	3.7	3.7	0.78	J	1.9		3.6		**ND**		2.1	J	2.7	J	**ND**		**ND**		2.2	J
Benzo[b]fluoranther	**1**	**1**	**1.4**	37	37	1.1		2.7		5.3		1.9	J	2.7	J	3.7	J	**ND**		1.6	J	3.2	J
Benzo[g,h,i]perylene	**0.64**	**1.2**	4.9	47	78	**0.51**	J	1.5		2		**ND**		**ND**		**ND**		**ND**		**ND**		**ND**	
Benzo[k]fluoranther	**0.8**	**1.2**	4.9	47	78	**0.56**	J	1.5		1.7	J	**ND**		**ND**		**ND**		**ND**		**ND**		**ND**	
Bis(2-ethylhexyl) pht						0.41	J	0.33	J	0.73	J	ND		ND		ND		ND		ND		ND	
Carbazole						ND		0.24	J	0.95	J	ND		ND		ND		ND		ND		ND	
Chrysene	**1**	**1.2**	4.9	47	78	0.81	J	1.8		4.4		**ND**		**ND**		2.7	J	**ND**		**ND**		**ND**	
Dibenz[a,h]anthrace	**0.33**	**0.33**	**0.33**	3.7	3.7	ND		0.35	J	0.65	J	**ND**		**ND**		**ND**		**ND**		**ND**		**ND**	
Fluoranthene	85	100	100	500	1000	**1.5**		**2.7**		**9.6**		2.7	J	4.1	J	6.4	J	2.2	J	2.6	J	4.7	J
Indeno[1,2,3-cd]pyre	**0.5**	**0.5**	**1.4**	37	37	**0.44**	J	1.3		2		**ND**		**ND**		**ND**		**ND**		**ND**		**ND**	
Phenanthrene	**1.1**	**1.2**	**4.9**	47	78	0.6	J	0.61	J	5.1		**ND**		**ND**		2.6	J	**ND**		**ND**		**ND**	
Pyrene	64	100	100	500	1000	**1**		**1.8**		**6.7**		ND		3	J	3.8	J	ND		ND		2.8	J
Total T.I.C.s	na	na	na	na	na	9		9		7		1		1		1				1		1	
VOLATILE ORGANIC COMPOUNDS (VOCS)																							
Chloroform	0.37	4.8	24	180	180	0.0058	UJ	0.0057	UJ	0.0055	UJ	0.0052	UJ	0.0052	UJ	0.0055	UJ	0.0059	UJ	0.0054	UJ	0.012	UJ
Tentatively Identifiec						**None**		**None**	T J	**None**		**None**		**None**		**None**		**None**		**None**		**None**	
Toluene	0.7	100	100	500	1000	ND	vs	ND	vs	ND	vs	ND	vs	0.0007	J vs	ND	vs	ND	vs	ND	vs	ND	F1 vs

Notes:

ND Not Detected
NS No Standard
NYSDEC New York State Department of Environmental Conservation
ppm parts per million
ppt parts per trillion
′ feet below ground surface
R result is rejected/unusable

Above Unrestricted and Below Residential
Above Residential and Below Restricted Residential
Above Restricted Residential and Below Commercial
Above Commercial and Below Industrial
Above Industial

Table 3: Summary of RI Test Trench Soil Analytical Results

Analyte	NY 375-6.8a_Unrestr	NY 375-6.8b_Restr	NY 375-6.8b_Restr	NY 375-6.8b_Restr	NY 375-6.8b_Res	TT-1 1-3'	Qualifi	TT-1 4-5'	Qualifi	TT-1 5-6'	Qualifi	TT-2 1-3'	Qualifi	TT-2 4-6'	Qualifi	TT-3 1-3'	Qualifi	TT-3 4-6'	Qualifi	TT-4 1-3'	Qualifie	TT-4 4-6'	Qualif	TT-4 4-6' DUP	Qualif	TT-5 1-2'	Qual	TT-5 4-6'	Qualif	TT-5 4-6' DUP	Qualifi	TT-6 1-3'	Quali	TT-6 4-6'	Quali
						Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result	
METALS																																			
Cyanide, Total	2.3	2.6	13	28	240	ND		ND		ND		ND		ND	F1	0.75	J	ND	F1	ND		ND		ND	F1	ND		ND		ND		ND		ND	
Mercury	**0.18**	**0.3**	**0.3**	1.1	1.1	**0.092**		**0.035**		**0.025**		**0.084**		**0.028**		**1.1**		0.021	UJ	**0.035**		0.013	J	0.011	J	0.36		0.0099	J	0.015	J	0.51		0.018	J
Aluminum						**20500**		**15900**		**14900**		**13900**		**16700**	UJ	**13300**		**18200**		**24200**		**19100**		**14400**		**16000**		**16000**		**13300**		**16300**		**15000**	
Antimony						4.0	J	ND		ND		ND		ND	F1	ND		ND	F1 F2	ND		ND		ND		ND		ND		ND		ND		ND	
Arsenic	13	16	16	16	16	**5.0**		**2.7**		1.1	J	**4.2**		**2.8**		**11.6**		**3.0**		**4.4**		**3.4**		**2.4**		**7.1**		**2.8**		**3.1**		**7.1**		**3.6**	
Barium	**410**	**410**	**410**	**410**	10000	**150**		**110**		**95.1**		**93.3**		**106**		433		**97.4**		**328**		**145**		**82.4**	J	**143**		**96.5**		**80.4**		**169**		**95.8**	
Beryllium	4.4	8.8	43	670	750	**0.89**		**0.62**		**0.58**		**0.61**		**0.66**		**0.71**		**0.73**		**2.8**		**0.74**		**0.59**		**0.72**		**0.63**		**0.54**		**0.69**		**0.61**	
Cadmium	2.5	2.5	2.5	3.7	4.4	**0.33**		**0.28**		0.23	J	**0.27**		**0.25**		**0.93**		**0.25**		**0.29**		**0.30**		**0.27**		**0.53**		0.22	J	**0.22**		**0.58**		0.22	J
Calcium						**63700**		**70800**		**67400**		**140000**		**75600**	J	**48200**		**76800**		**159000**		**76500**		**63800**		**46600**		**69300**		**72400**		**74900**		**63500**	
Chromium	**NS**	**NS**	**NS**	**NS**	**NS**	**24.9**		**18.2**		**17.4**		**17.1**		**20.0**	J	**24.2**		**21.2**		**17.6**		**21.2**		**17.0**		**20.6**		**18.2**		**15.8**		**20.9**		**18.4**	
Cobalt						**9.7**		**8.1**		**7.1**		**7.9**		**7.5**		**8.8**		**7.7**		**6.9**		**10.5**		**7.4**		**9.1**		**8.6**		**7.5**		**10.6**		**8.6**	
Copper	**50**	280	280	280	10000	**26.5**		**13.8**		**14.3**		**15.8**		**15.3**		87.3		**15.4**		**17.4**		**16.6**		**14.9**		**30.3**		**14.3**		**15.1**		**27.4**		**15.3**	
Iron						**21700**		**17300**		**16500**		**15900**		**18500**	J	**21900**		**20300**		**15700**		**21000**		**16800**		**21700**		**17800**		**16800**		**22100**		**18500**	
Lead	**63**	**400**	**400**	**1000**	3900	7.1		**29.9**		**9.0**		**46.1**		**23.3**	J+	1310		**8.5**		517		**13.6**		**12.3**		1520		**10.6**		**14.1**		436		**8.5**	
Magnesium						**21000**		**27200**		**33000**		**15800**		**29200**	J	**9170**		**24900**		**11300**		**31300**		**27200**		**12700**		**28600**		**32400**		**10900**		**26800**	
Manganese	**1600**	**2000**	**2000**	10000	10000	**489**		**439**		**420**		**330**		**415**	J-	**524**		**386**	J+	3320		**508**		**396**		**355**		**469**		**438**		**508**		**446**	
Nickel	30	87	320	320	5900	**21.3**		**15.4**		**14.4**		**16.1**		**15.4**		**19.4**		**18.1**		**11.6**		**19.2**		**14.3**		**18.6**		**16.3**		**13.6**		**18.7**		**16.6**	
Potassium						**5920**		**5730**		**5160**		**4120**		**5380**	J-	**2710**		**5550**	J+	**3270**		**6800**		**4850**		**3980**		**5480**		**4440**		**3520**		**4750**	
Sodium						**345**		**362**		**403**		**285**		**347**		**216**		**301**		**418**		**434**		**346**		**224**		**328**		**322**		**206**		**351**	
Vanadium						**36.0**		**28.1**		**27.5**		**24.5**		**30.4**	J	**29.6**		**31.5**		**26.2**		**34.3**		**28.6**		**31.9**		**29.3**		**27.0**		**32.7**		**29.6**	
Zinc	**109**	1300	6600	10000	10000	**104**		**72.6**		**67.9**		224		**79.1**	J	575		**70.9**		117		**83.0**		**69.5**		192		**64.8**		**62.4**		135		**70.7**	
ORGANOCHLORINE PESTISIDES (ppm)																																			
4,4'-DDD	**0.0033**	1.2	5	33	33	**ND**		**ND**		**ND**		**ND**		ND		**ND**		ND	F2	0.038	J	ND		ND		**0.0013**	J	ND		ND		**ND**		ND	
4,4'-DDT	**0.0033**	0.78	3.8	27	27	**ND**		0.032	J	0.01	J	**ND**		ND		0.092	NJ	ND	F2	**ND**		ND		ND		ND		ND		ND		**ND**		ND	
alpha-BHC	**0.02**	0.042	0.18	1.2	1.2	**ND**		ND		ND		ND		ND	F2	ND		ND	F2	ND		ND		ND		0.00083	J	ND		ND		ND		ND	
Endrin ketone						ND		ND		ND		ND		0.0012	J	ND		ND	F1 F2	ND		ND		ND		ND		ND		ND		ND		ND	
gamma-BHC (Lindan	**0.025**	0.05	0.21	0.21	3.4	ND		ND		ND		ND		ND	J	**0.02**	NJ	ND	UJ	ND		ND		ND		ND		ND		ND		ND		ND	
Methoxychlor						ND		ND		ND		0.018	J	ND	F2	0.045	NJ	ND	UJ	0.027	NJ	0.00082	NJ	0.0023	J	0.0016	NJ	ND		ND		0.021	J	0.0035	J
PER- & POLYFLUOROALKYL SUBSTANCE (PFAS) (ppt)																																			
N-ethylperfluorooct						ND		ND		ND		ND		ND		**1.4**		ND		ND		ND		ND		ND		ND		ND		ND		ND	
N-methylperfluoroo						ND		ND		ND		ND		ND		0.80	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
N-methylperfluoroo						ND		ND		ND		ND		ND		0.11	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Perfluorobutanoic ac						ND		ND		ND		0.10	J	ND		0.13	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Perfluorodecanoic a						ND		ND		ND		ND		ND		0.19	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Perfluorohexanesulf						**0.20**		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Perfluorohexanoic a						ND		ND		ND		0.097	J	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Perfluorononanoic a						ND		ND		ND		ND		ND		0.18	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Perfluorooctanesulf						ND		ND		ND		ND		ND		0.15	J	ND		ND		ND		ND		ND		0.10	J	ND		ND		ND	
Perfluorooctanesulfo						**3.6**		0.11	J	0.18	J	**0.53**		ND		**0.43**		ND		ND		ND		ND		0.10	J	ND		ND		ND		ND	
Perfluorooctanoic ac						ND		ND		ND		**0.24**		0.077	J	**0.21**		ND	UJ	ND		ND		ND		ND		ND		ND		0.062	J	ND	
Perfluoropentanoic						ND		ND		ND		0.17	J	ND		0.14	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Perfluoroundecanoi						ND		ND		ND		ND		ND		0.15	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCS) (ppm)																																			
2-Methylnaphthalen						ND		ND		ND		ND		ND		2	J	ND	F2	ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	**0.33**	100	100	500	1000	**ND**		**0.086**	J	ND		**ND**		ND		1.3	J	ND	F2	ND		ND		ND		**ND**		ND		ND		**ND**		ND	
Acenaphthene	20	100	100	500	1000	ND		ND		ND		ND		ND		**2.5**		ND		0.2	J	ND		ND		0.62	J	ND		ND		ND		ND	
Acenaphthylene	100	100	100	500	1000	ND		ND		ND		ND		ND		**9.1**		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Anthracene	100	100	100	500	1000	ND		60	J	ND		ND		ND		**10**		ND		0.57	J	ND		ND		1.5	J	ND		ND		ND		ND	
Benzo[a]anthracene	**1**	**1**	**1.4**	**37**	**37**	**0.99**	J	0.17	J	ND		**0.74**	J	0.072	J	51		ND	UJ	0.87		ND		0.045	J	**3.3**		ND		ND		1.1	J	ND	
Benzo[a]pyrene	**1**	**1**	**1**	**3.7**	**3.7**	**0.97**	J	**0.2**		ND		**0.83**	J	0.1	J	**47**		ND	UJ	**1.2**		ND		0.048	J	**3**		ND		ND		**1.3**	J	ND	
Benzo[b]fluoranthe	**1**	**1**	**1.4**	**37**	**37**	**1.4**	J	**0.26**		ND		**1.1**	J	0.15	J	**64**		ND	F2	**1.6**		ND		0.065	J	**3.5**		ND		ND		**1.5**	J	ND	
Benzo[g,h,i]peryleni	**0.64**	**1.2**	**4.9**	47	78	0.63	J	0.14	J	ND		0.63	J	0.1	J	**26**		ND		0.82	J	ND		0.036	J	**1.8**	J	ND		ND		0.76	J	ND	
Benzo[k]fluoranthe	**0.8**	**1.2**	**4.9**	47	78	**0.56**	J	0.099	J	ND		**0.52**	J	0.057	J	**28**		ND		**0.75**	J	ND		ND		**1.8**	J	ND		ND		**0.78**		ND	
Biphenyl						ND		ND		ND		ND		ND		0.72	J	ND	F2	ND		ND		ND		ND		ND		ND		ND		ND	
Bis(2-ethylhexyl) phi						ND		ND		ND		ND		0.062	J	ND		0.056	J	ND		0.058	J	0.065	J	0.79	J	0.063	J	ND		ND		0.072	J
Carbazole						ND		ND		ND		ND		ND		**11**		ND		0.26	J	ND		ND		0.66	J	ND		ND		ND		ND	
Chrysene	**1**	**1.2**	**4.9**	**47**	**78**	1.8	J	**0.26**		ND		**0.84**	J	0.091	J	**64**		ND	UJ	**1.4**		ND		0.053	J	**3.4**		ND		ND		2.1	J	ND	
Dibenz(a,h)anthrace	**0.33**	**0.33**	**0.33**	**3.7**	**3.7**	**ND**		ND		ND		**ND**		ND		**9.2**		ND		**0.24**	J	ND		ND		**0.58**	J	ND		ND		**ND**		ND	
Dibenzofuran	**2.1**	**4.2**	18	180	290	ND		66	J	ND		ND		ND		**6.5**		ND		0.22	J	ND		ND		0.39	J	ND		ND		ND		ND	
Fluoranthene	**85**	**100**	**100**	500	1000	**2.2**		**0.38**		ND		1.6	J	0.15	J	**200**	J	ND	UJ	**3.3**		ND		0.12	J	**7.8**		ND		ND		**2**		ND	
Fluorene	30	100	100	500	1000	ND		0.045	J	ND		ND		ND		**8.9**		ND		0.3	J	ND		ND		0.64	J	ND		ND		ND		ND	
Indeno[1,2,3-cd]pyr	**0.5**	**0.5**	**1.4**	37	37	**0.57**	J	0.11	J	ND		**0.63**	J	0.08	J	**28**		ND		**0.75**	J	ND		0.036	J	**1.7**	J	ND		ND		**0.76**	J	ND	
Isophorone						ND		0.16	J	ND		ND		ND		ND		ND	F2	ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	12	84	100	500	1000	ND		ND		ND		ND		ND		**3.8**		ND	F2	0.25	J	ND		ND		0.32	J	ND		ND		ND		ND	
Phenanthrene	**1.1**	**1.2**	**4.9**	**47**	**78**	**0.73**	J	0.084	J	ND		**0.79**	J	0.061	J	**110**	J	ND	UJ	**2.1**		ND		0.097	J	**5.7**		ND		ND		**0.84**	J	ND	
Pyrene	**64**	100	100	500	1000	1.4	J	**300**		ND		1.1	J	110	J	**100**	J	ND	UJ	**2.4**		ND		0.088	J	**5.5**		ND		ND		1.5	J	ND	
Total T.I.C.s (30)	Na	Na	Na	Na	Na	1		20		3		1		8		30		6		10		1		3		2		1		1		1		2	
VOLATILE ORGANIC COMPOUNDS (VOCS)(ppm)																																			
Acetone	**0.03**	100	100	500	1000	ND	vs	0.048	vs	0.04	vs	ND	vs	ND	vs	ND	vs	ND	vs	0.0072	J vs	ND	vs	ND	vs	ND	vs	0.028	UJ	0.029	UJ	0.028	UJ
Chloroform	0.37	4.8	24	180	180	0.0061	UJ	0.00097	UJ	0.0061	UJ	0.0057	UJ	0.0059	UJ	0.0072	UJ	0.00082	UJ	0.006	UJ	0.0059	UJ	0.0059	J B vs	0.0058	UJ	0.0059	UJ	0.0057	UJ	0.0057	UJ	0.0057	UJ
total T.I.C.s (9)	Na	Na	Na	Na	Na	None		9		None		None		None		None		None		None		None		None		None		None		None		1	

Notes:
- ND Not Detected
- NS No Standard
- NYSDEC New York State Department of Environmental Conservation
- ppm parts per million
- ppt parts per trillion
- ' feet below ground surface
- R result is rejected/unusable

- Above Unrestricted and Below Residential
- Above Residential and Below Restricted Residential
- Above Restricted Residential and Below Commercial
- Above Commercial and Below Industrial
- Above Industial

Table 4: Summary of RI Monitoring Well Soil Analytical Results (screen depth)

BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC

Analyte	Analysis	Unrestricted Soil	Restricted	Restricted	Restricted	Restricted	RI-MW-1		RI-MW-2		RI-MW-3		RI-MW-3 20-25'		RI-MW-4	
							Result	Qualifie	Result	Qualifi	Result	Qualifi	Result	Qualifie	Result	Qualifi
METALS (ppm)																
Mercury	Mercury (CVAA)	0.18	0.3	0.3	1.1	1.1	0.015	J	0.013		0.019	J	0.017	J	0.011	J
Aluminum	Metals (ICP)						14900		19900		16800		16000		17400	
Arsenic	Metals (ICP)	13	16	16	16	16	2.5		3.6		3.4		3.9		2.7	
Barium	Metals (ICP)	410	410	410	410	10000	104		128		113		109		94.5	
Beryllium	Metals (ICP)	4.4	8.8	43	670	750	0.58		0.77		0.65		0.65		0.69	
Cadmium	Metals (ICP)	2.5	2.5	2.5	3.7	4.4	0.25		0.29		0.27		0.30		0.25	
Calcium	Metals (ICP)	S					72000		66100		71400		66800		64200	
Chromium	Metals (ICP)	1	1	1	11	11	17.7		22.3		19.7		19.6		20.1	
Cobalt	Metals (ICP)						7.4		9.6		8.3		9.3		9.3	
Copper	Metals (ICP)	50	280	280	280	10000	13.5		16.5		15.1		15.3		15.2	
Iron	Metals (ICP)						16700		20800		18100		18500		19800	
Lead	Metals (ICP)	63	400	400	1000	3900	8.6		9.0		10.2		24.5		10.2	
Magnesium	Metals (ICP)						31600		29100		31500		29100		28100	
Manganese	Metals (ICP)	1600	2000	2000	10000	10000	416		464		435		440		452	
Nickel	Metals (ICP)	30	87	320	320	5900	14.2		18.8		16.2		17.1		17.5	
Potassium	Metals (ICP)						5370		7170		6110		5510		6050	
Silver	Metals (ICP)	2	22	110	1700	2000	ND	^5+	ND	^5+	ND	^5+	0.40	J	ND	^5+
Sodium	Metals (ICP)						477		552		499		460		528	
Vanadium	Metals (ICP)						28.6		35.8		30.7		30.5		32.2	
Zinc	Metals (ICP)	109	1300	6600	10000	10000	62.3		71.8		69.7		74.4		73.1	
ORGANOCHLORINE PESTICIDES (ppm)																
Methoxychlor	Organochlorine Pesti						ND		ND		ND		2.0	J	ND	
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCS) (ppm)																
Total T.I.C.s (8)	Semivolatile Organic	na	na	na	na	na	3		7		6		1		8	
VOLATILE ORGANIC COMPOUNDS (VOCS)																
Acetone	Volatile Organic Com	0.03	100	100	500	1000	0.0081	J vs	0.007	J vs	0.01	J vs	0.031	UJ	0.011	J vs
Chloroform	Volatile Organic Com	0.37	4.8	24	180	180	0.006	UJ	0.0062	UJ	0.00091	J B vs	ND	vs	0.0059	UJ

Notes:

1	S
ND	Not Detected
NS	No Standard
NYSDEC	New York State Department of Environmental Conservation
ppm	parts per million
ppt	parts per trillion
´	feet below ground surface
R	result is rejected/unusable

Above Unrestricted and Below Residential

Above Residential and Below Restricted Residential

Above Restricted Residential and Below Commercial

Above Commercial and Below Industrial

Above Industrial

Table 5: Summary of RI Groundwater Analytical Results

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

Analyte	NYSDEC Division of Water Technical and Operational	RI-MW-1		RI-MW-1-DUP		RI-MW-2		RI-MW-3		RI-MW-4	
		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Metals(ug/L)											
Cyanide, Total	200	**10**		**10**		ND		ND		ND	
Aluminum	NS	120	J	**1900**		ND		63	J	**1200**	
Arsenic	25	ND		ND		ND		ND		8.6	J
Barium	1000	**70**		**68**		**220**		**140**		**160**	
Cadmium	5	0.51	J	ND		ND		ND		ND	
Calcium	NS	**141000**		**137000**		**114000**		**96800**		**104000**	
Chromium	50	1.2	J	2.4	J	1.1	J	ND		3	J
Cobalt	NS	ND		0.8	J	ND		ND		ND	
Iron	300	**220**	J	**1700**	J	37	J	**64**		**2400**	F1
Lead	25	4.5	J	3.4	J	ND		ND		4.5	J
Magnesium	35,000	**137000**		**155000**		**92700**		**86900**		**93200**	
Manganese	300	**87**		**100**		**45**		**24**		**56**	
Nickel	100	3	J	3.7	J	4.1	J	ND		ND	
Potassium	20000	**4200**		**4000**		**5500**	B	**3500**	B	**3700**	
Sodium	20000	**55500**		**52000**		**105000**		**76600**		**195000**	
Vanadium	NS	ND		1.7	J	ND		ND		ND	
Zinc	2000	**15**	B	10	UJ	10	UJ	10	UJ	10	UJ
Organochlorine Pesticides (ug/L)											
4,4'-DDD	0.3	ND		ND		0.018	J	ND		ND	
4,4'-DDE	0.2	ND		ND		0.013	J	ND		ND	
Aldrin	ND	ND		ND		0.013	J	ND		ND	
alpha-BHC	NS	0.0098	J	ND		ND		0.012	J	ND	
beta-BHC	NS	ND		ND		0.041	NJ	ND		ND	
delta-BHC	NS	ND		ND		0.012	J	ND		0.030	J
gamma-BHC (Lindane	NS	0.05	UJ	0.05	UJ	0.05	UJ	0.05	UJ	ND	
Heptachlor	0.4	ND		ND		0.016	J	ND		ND	
Methoxychlor	35	0.021	J	ND		ND		ND		0.032	J
Per- and Polyfluoroalkyl (PFAS) (ng/L)											
1H,1H,2H,2H-Perfluo	NS	ND		ND		1.6	J	ND		1.0	J
Perfluorobutanesulfo	NS	0.41	J	ND		**2.6**		ND		0.65	J
Perfluorobutanoic ac	NS	1.1	J	ND		**3.4**		ND		**5.3**	
Perfluoroheptanoic a	NS	ND		ND		0.56	J	ND		**1.4**	J
Perfluorohexanesulfo	NS	ND		ND		ND		ND		0.62	J
Perfluorohexanoic ac	NS	**5.1**		**3.2**		**14**		**1.8**		**35**	J
Perfluorooctanoic ac	6.7	ND		ND		1.3	J	0.82	J	**1.5**	J
Perfluoropentanoic a	NS	ND		ND		**2.3**		ND		**3.8**	
Semivolatile Organic Compounds (SVOCS) (ug/L)											
Acetophenone	NS	ND		ND		ND		ND		0.80	J
Caprolactam	NS	ND	UJ	ND		ND		**7.9**		ND	
Di-n-butyl phthalate	50	0.49	J	0.45	J	0.48	J	0.44	J	0.67	J
Tentatively Identified	NS	**30**	T J	**1.8**	T J	**2.9**	T J			**2.8**	T J
1,4-Dioxane	NS	ND		ND		ND		ND		ND	
Total T.I.Cs (16)	NS										
Volatile Organic Compounds (VOCS)(ug/L)											
Acetone	50	ND		**29**		3.3	J	**20**		ND	
Carbon disulfide	NS	ND		ND		0.50	J	0.51	J	ND	
Chloromethane	NS	ND		0.43	J	ND		ND		ND	
Methyl tert-butyl eth	NS	0.61	J	0.46	J	ND		ND		ND	

Notes:

ND Not Detected

NS No Standard

NYSDEC New York State Department of Environmental Conservation

R result is rejected/unusable

Above T.O.G.S

Table 6: Summary of RI Vapor Analytical Results

Analyte	RI-IA-1 ug/m3		RI-SS-1 ug/m3		RI-UP-1 ug/m3		RI-VP-1 ug/m3		RI-VP-2 ug/m3		RI-VP-3 ug/m3		RI-VP-4 ug/m3		RI-VP-5 ug/m3		RI-VP-6 ug/m3		RI-VP-7 ug/m3	
	Result	Qualifi	Result	Qualif	Result	Qualifi	Result	Quali	Result	Quali	Result	Qualifi	Result	Qualifi	Result	Qualifi	Result	Quali	Result	Qualifi
VOLATILE ORGANIC COMPOUNDS (T0-15)																				
1,2-Dichloroethane	ND		6.7		ND		ND		14	J	ND		ND		ND		ND		ND	
1,2,4-Trimethylbenze	ND		6.3		ND		ND		ND		ND		ND		ND		ND		ND	
1,3-Butadiene	ND		ND		0.55		79	J	ND		50		43		ND		ND		76	J
1,3,5-Trimethylbenze	ND		4.0		ND		ND		ND		ND		ND		ND		ND		ND	
4-Isopropyltoluene	1.1	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methyl-2-pentanor	ND		5.9	J	ND		ND		ND		ND		ND		ND		ND		ND	
Acetone	28		430		72		3300		5000		1900		3300		3700		8400		5400	
Benzene	0.47	J	21		0.53	J	ND		ND		ND		ND		ND		ND		ND	
Carbon disulfide	ND		17		1.1	J	ND		ND		ND		37	J	ND		ND		ND	
Carbon tetrachloride	ND		ND		ND		ND		18		ND		ND		ND		ND		ND	
Chlorodifluorometha	8.5		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroethane	ND		ND		ND		ND		21	J	ND		ND		ND		ND		ND	
Chloromethane	2.2		ND		ND		ND		28	J	ND		25	J	ND		ND		ND	
cis-1,2-Dichloroethen	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Cumene	ND		4.1		ND		ND		ND		ND		ND		ND		ND		ND	
Cyclohexane	ND		350		3.2		85	J	41		32		43		89	J	ND		ND	
Dichlorodifluorometh	2.7		ND		2.0		ND		ND		ND		ND		ND		ND		ND	
Ethylbenzene	ND		17		ND		ND		ND		ND		ND		ND		ND		ND	
Isopropyl alcohol	4.7	J B	12	J	3.3	J	ND		65	J	ND		46	J	ND		1000	J	ND	
Methyl Butyl Ketone	1.3	J	ND		ND		200	J	180		53	J	37	J	370	J	520	J	ND	
Methyl Ethyl Ketone	3.2		15		36		10000		16000		5700		6500		13000		24000		17000	
n-Butane	ND		270		28		3500		530		660		730		1600		1200		1300	
n-Heptane	ND		380		1.3		96	J	120		52		51		ND		ND		ND	
n-Hexane	ND		290		2.5		260	J	140		110		110		170	J	280	J	ND	
N-Propylbenzene	ND		3.5	J	ND		ND		ND		ND		ND		ND		ND		ND	
o-Xylene	ND		15		ND		ND		ND		ND		ND		ND		ND		ND	
sec-Butylbenzene	ND		1.2	J	ND		ND		ND		ND		ND		ND		ND		ND	
Styrene	2.8		3.1	J	ND		ND		ND		ND		ND		ND		ND		ND	
tert-Butyl alcohol	1.0	J	68		1.7		ND		43	J	26	J	35	J	ND		ND		ND	
Tetrachloroethene	ND		8.2		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrahydrofuran	ND		3.7	J	ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	1.1		43		1.1		ND		31		ND		ND		ND		ND		ND	
Trichlorofluorometha	1.3		ND		1.3		ND		ND		ND		ND		ND		ND		ND	

Notes:
(1) All values are in micrograms per cubic meter (ug/m3)
ND Not detected
- Not applicable/no guidance value

Table 7: Boring/Test Trench/Monitoring Well GPS Coordinates

RI Location	Northing (ftUS)	Easting (ftUS)	Latitude	Longitude	Elevation (ft)
Boreholes					
RI-BH-1	1050575.75	1071868.92	42.883032	-78.868479	603.100000
RI-BH-2	1050561.58	1071940.74	42.882994	-78.868211	602.810000
RI-BH-3	1050529.95	1072050.69	42.882908	-78.867801	601.310000
RI-BH-4	1050454.75	1072033.30	42.882702	-78.867865	601.200000
RI-BH-5	1050470.57	1071957.90	42.882744	-78.868146	602.520000
RI-BH-6	1050488.39	1071883.36	42.882792	-78.868425	602.230000
RI-BH-7	1050409.75	1072017.15	42.882578	-78.867924	601.190000
RI-BH-8	1050347.93	1071838.81	42.882407	-78.868589	602.180000
RI-BH-9	1050335.80	1071928.64	42.882374	-78.868254	601.120000
RI-BH-10	1050287.64	1071827.64	42.882241	-78.868630	601.920000
RI-BH-11	1050384.34	1072047.57	42.882509	-78.867811	601.060000
RI-BH-12	1050386.64	1071857.78	42.882513	-78.868519	601.810000
Test Trench					
RI-TT-1	1050550.43	1071937.16	42.882963	-78.868225	602.630000
RI-TT-2	1050543.65	1071863.10	42.882944	-78.868501	603.500000
RI-TT-3	1050478.18	1072140.03	42.882767	-78.867467	601.200000
RI-TT-4	1050378.99	1071888.08	42.882492	-78.868406	601.240000
RI-TT-5	1050337.77	1072006.84	42.882380	-78.867962	600.700000
RI-TT-6	1050309.12	1071907.08	42.882301	-78.868334	601.830000
Vapor Points					
RI-VP-1	1050478.18	1072092.98	42.882766	-78.867642	601.120000
RI-VP-2	1050496.88	1071997.27	42.882817	-78.868000	601.420000
RI-VP-3	1050521.39	1071885.97	42.882883	-78.868415	603.190000
RI-VP-4	1050446.93	1071897.48	42.882679	-78.868371	602.490000
RI-VP-5	1050374.07	1071870.42	42.882479	-78.868471	601.220000
RI-VP-6	1050308.49	1071871.52	42.882299	-78.868466	601.890000
RI-VP-7	1050409.75	1072017.15	42.882578	-78.867924	601.420000
Monitor Wells					Top of Curb Box
RI-MW-1	1050512.34	1072132.47	42.882861	-78.867495	601.310000
RI-MW-2	1050534.11	1071866.91	42.882918	-78.868486	603.540000
RI-MW-3	1050360.81	1071830.22	42.882442	-78.868621	602.430000
RI-MW-4	1050253.25	1071794.42	42.882146	-78.868753	601.810000

Source CRS	NAD83 / New York West (ftUS)
Source EPSG	2262
Output CRS	WGS 84 (EPSG:4326)

Table 8: Groundwater Elevations

RI Location Boreholes	Northing (ftUS)	Easting (ftUS)	Latitude	Longitude	Elevation (ft) Top of Riser	Elevation (ft) Water
Monitor Wells						
RI-MW-1	1050512.34	1072132.47	42.8828605	-78.86749535	601.07	588.57
RI-MW-2	1050534.11	1071866.91	42.882861	-78.867495	603.200000	587.200000
RI-MW-3	1050360.81	1071830.22	42.8828605	-78.86749535	602.16	589.73
RI-MW-4	1050253.25	1071794.42	42.882861	-78.867495	601.490000	587.290000

Source CRS	NAD83 / New York West (ftUS)
Source EPSG	2262
Output CRS	WGS 84 (EPSG:4326)

BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC

TABLE 9
SUMMARY OF SOIL ANALYTICAL RESULTS
March 2023

Parameter Tested	BE3 Phase II Report April 2024 - Sample Identification, Sample Depth in feet below ground surface (bgs), and Sample Date										NYSDEC Soil Cleanup Objectives (SCOs)				
	BH-1 0.5-1	BH-2 1-2	BH-3 0.2-2	BH-7 0-0.5	BH-8 1-2	BH-9 1-2	BH-10 0.5-1.5	BH-12 0.5-1	BH-13 0.5-1	BH-14 0.5-1	Unrestricted	Residential	Restricted Residential	Commerical	Industrial
	3/15/2023														
METALS/INORGANICS															
Arsenic	6.6	6.5	6.6	8.2	6	17.2	4.4	7.1	4.5	4.2	13	16	16	16	16
Barium	188	221	175	231	183	1100	54.4	184	128	81.7	350	350	400	400	10,000
Beryllium	0.77	0.62	0.94	0.61	0.34	0.45	0.21 J	0.79	0.73	0.3	7.2	14	72	590	2,700
Cadmium	0.52	0.56	0.41	0.36	0.76	1.3	0.44	0.41	0.21 J	0.35	2.5	2.5	4.3	9.3	60
Chromium	7.5	16.9	24.7	24.7	14.5	38	9.3	24.7	23.7	17.6	30	36	180	1500	6800
Copper	50	24.4	85.9	55.2	21.2	90.6	26.8	29.9	16.2	16.1	50	270	270	270	10000
Lead	2.9	373	349	333	641	1570	51.5	359	237	188	63	400	400	1000	3,900
Manganese	439 B	378 B	384 B	314 B	324 B	258 B	209 B	548 B	38 B	443 B	1,600	2,000	2000	10000	10000
Mercury	0.18	0.64	0.17	0.18	0.33	1	0.15	0.39	0.21	0.23	0.18	0.81	0.81	2.8	5.7
Nickel	16	16.3	22.8	22.1	14.3	36.1	12.3	23.1	19	12.8	30	140	310	310	10000
Selenium	ND	ND	ND	ND	ND	0.51 J	ND	ND	ND	ND	3.9	36	180	1500	6,800
Silver	ND	ND	ND	ND	ND	1.1	0.37 J	ND	ND	ND	2	36	180	1500	6,800
Zinc	109	227	170	229	305	961	89.8	177	104	96.8	109	2,200	10000	10000	10,000
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)															
Acenaphthene	ND	0.42 J	ND	ND	ND	ND	ND	ND	ND	ND	20	100	100	500	1,000
Acenaphthylene	ND	2	0.049 J	ND	ND	ND	ND	ND	ND	ND	100	100	100	500	1,000
Anthracene	ND	3.3	0.058 J	ND	ND	ND	ND	ND	ND	ND	100	100	100	500	1,000
Benzo(a)anthracene	0.42 J	13	0.39	0.67 J	0.12 J	0.43 J	ND	0.34 J	0.11 J	0.47 J	1	1	1	5.6	11
Benzo(a)pyrene	0.38 J	12	0.39	0.69 J	0.13 J	0.47 J	ND	0.33 J	ND	ND	1	1	1	1	1.1
Benzo(b)fluoranthene	0.5 J	15	0.51	1.0 J	0.15 J	0.57 J	ND	0.42 J	ND	ND	1	1	1	5.6	11
Benzo(g,h,i)perylene	0.29 J	7.1	0.28	0.49 J	0.086 J	0.29 J	ND	0.25 J	ND	0.4 J	100	100	100	500	1,000
Benzo(k)fluoranthene	ND	5.3	0.19 J	0.36 J	0.093 J	0.38 J	ND	0.2 J	ND	ND	0.8	1	3.9	56	110
Chrysene	ND	13	0.44	0.79 J	0.13 J	0.53 J	ND	0.35 J	ND	ND	1	1	3.9	56	110
Dibenz(a,h)anthracene	ND	2.1	0.073 J	ND	ND	ND	ND	ND	ND	ND	0.33	0.33	0.33	0.56	1.1
Dibenzofuran	ND	0.27 J	ND	ND	ND	ND	ND	ND	ND	ND	2.1	4.2	18	180	290
Fluoranthene	0.9 J	26	0.80	1.6 J	0.27	1.1 J	ND	0.79 J	0.28 J	1.1 J	85	100	100	500	1,000
Fluorene	ND	0.67 J	ND	ND	ND	ND	ND	ND	ND	ND	30	100	100	500	1,000
Indeno(1,2,3-cd)pyrene	ND	6.1	0.22	0.44 J	0.079 J	0.3 J	ND	0.2 J	ND	ND	0.5	0.5	0.5	5.6	11
Phenanthrene	0.51 J	12	0.43	0.89 J	0.11 J	0.63 J	ND	0.39 J	0.15 J	0.63 J	1.1	100	100	500	1,000
Pyrene	0.65 J	23	0.74	1.3 J	0.22 J	0.89 J	ND	0.62 J	0.23 J	0.84 J	64	100	100	500	1,000

ND Analyte not detected
- Not Applicable or sample not tested for this analyte
J Estimated Concentration
B Anaalyte detected in method blank
K Result is reported as Benzo(b)fluoranthene
E Results exceeded calibration range
T Result is Tentatively Identifies Compound and an estimated value

Analyte detected
Reported concentration greater than or equal to the NYSDEC Unrestricted SCO
Reported concentration greater than or equal to the NYSDEC Residential SCO
Reported concentration greater than or equal to the NYSDEC Restricted Residential SCO
Reported concentration greater than or equal to the NYSDEC Commercial SCO
Reported concentration greater than or equal to the NYSDEC Industrial SCO

TABLE 10
SUMMARY OF SOIL ANALYTICAL RESULTS
April 2024

Parameter Tested	BE3 Phase II Report April 2024 - Sample Identification, Sample Depth in feet bgs, and Sample Date					NYSDEC Soil Cleanup Objectives (SCOs)				
	NS-1 0.5-1	NS-5 0.5-1	NS-8 0.5-1	NS-10 0.5-1	NS-11 0.5-1	Unrestricted	Residential	Restricted Residential	Commerical	Industrial
	4/15/2024									
METALS/INORGANICS										
Arsenic	1.8 J	3.7	4.7	5.4	6.8	13	16	16	16	16
Barium	60.7	56.5	59.2	82.6	110	350	350	400	400	10,000
Beryllium	ND	0.31 J	0.39 J	0.57	0.57	7.2	14	72	590	2,700
Cadmium	1.3	0.27 J	0.33 J	0.36 J	0.37 J	2.5	2.5	4.3	9.3	60
Chromium	7.7	10.5	12.4	11.1	7.7	30	36	180	1500	6800
Copper	87.3	16	18.3	38.5	16.4	50	270	270	270	10000
Lead	19.9	114	90.2	2,080	208	63	400	400	1000	3,900
Manganese	65.2	192	280	314	171	1,600	2,000	2000	10000	10000
Mercury	0.19	0.11	0.11	0.17	0.12	0.18	0.81	0.81	2.8	5.7
Nickel	6.1 J	11.6	13.1	11.3	8.5 J	30	140	310	310	10000
Selenium	1.4 J	ND	ND	ND	ND	3.9	36	180	1500	6,800
Silver	0.64 J	ND	ND	ND	ND	2	36	180	1500	6,800
Zinc	163	96.6	82.2	103	71.7	109	2,200	10000	10000	10,000
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)										
Benzo(a)anthracene	ND	ND	ND	ND	0.81 J	1	1	1	5.6	11
Benzo(a)pyrene	ND	ND	1.6 J	ND	0.84 J	1	1	1	1	1.1
Benzo(b)fluoranthene	ND	ND	2.3 J	ND	1.1 J	1	1	1	5.6	11
Benzo(g,h,i)perylene	ND	ND	1.3 J	ND	0.46 J	100	100	100	500	1,000
Benzo(k)fluoranthene	ND	ND	ND	ND	0.55 J	0.8	1	3.9	56	110
Chrysene	ND	ND	ND	ND	0.8 J	1	1	3.9	56	110
Fluoranthene	1.4 J	1.4 J	2.4 J	0.41 J	1.8 J	100	100	100	500	1,000
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	0.39 J	0.5	0.5	0.5	5.6	11
Phenanthrene	ND	ND	ND	ND	0.7 J	100	100	100	500	1,000
Pyrene	ND	ND	2 J	0.25 J	1.1 J	100	100	100	500	1,000

All Values are presented in Parts Per Million (PPM) or milligram per kiligram (mg/kg)

ACRONYMS:

ND Analyte not detected
J Estimated Concentration
bgs Below ground surface
NYSDEC New York State Department of Environmental Conservation
SCO Soil Cleanup Objective

NOTES:

represents exceedance(s) above NYSDEC unrestricted SCOs but below NYSDEC residential SCOs
represents exceedance(s) above NYSDEC residential SCOs but below NYSDEC restricted residential SCOs
represents exceedance(s) above NYSDEC restricted residential SCOs but below NYSDEC commercial SCOs
represents exceedance(s) above NYSDEC commercial SCOs but below NYSDEC industrial SCOs
represents exceedance(s) above NYSDEC industrial SCOs

TABLE 11 - SOIL VAPOR SAMPLING RESULTS
January 2026

Contaminants	Sample Identification, Type of Sample, and Date Analyzed
	SV-1
	Soil Vapor
	4/16/2024
	Volatile Organic Compounds (TO-15)
1,2,4-Trimethylbenzene	3
1,3,5-Trimethylbenzene	0.74
2-Butanone (MEK)	14
2-Hexanone (MBK)	1.2
Acetone	290
Benzene	1.7
Carbon Tetrachloride	ND
Chloroethane	0.41
Chloromethane	3.9
Dichlorodifluoromethane (Freon 12)	1.9
Ethanol	300
Ethylbenzene	1.3
Heptane	2.5
Hexane	ND
m&p-Xylene	5.8
Methylene Chloride	ND
Naphthalene	ND
o-Xylene	2.1
Propene	43
Tetrachloroethylene	ND
Tetrahydrofuran	ND
Toluene	3.5
Trichloroethylene	ND
Vinyl Chloride	ND

Notes:

(1) Vales provided in ug/m3
ND Not detected
- Not applicable
J Estimated concentration

TABLE 12
SOIL ANALYTICAL
RESULTS - January 2026

Analyte	Boring Identification, Sample Depth and Sample Collection Date						NYSDEC Part 375 SCOs				
	TP-1	TP-2	TP-3	TP-4	TP-5	TP-6	Unrestricted	Residential	Restricted Residential	Commercial	Industrial
	0.5-1										
	1/26/2026										
METALS											
Arsenic	7.6	7.3	4.6	3.7	6.4	4.4	13	16	16	16	16
Barium	188	243	150	152	115	190	410	410	410	410	10000
Beryllium	0.80	0.82	0.94	0.50	0.55	0.49	4.4	8.8	43	670	750
Cadmium	0.49	0.95	0.16	0.23	0.53	0.34	2.5	2.5	2.5	3.7	4.4
Chromium	23.8	22.8	26.1	14.0	17.7	16.9	NS	NS	NS	NS	NS
Copper	25.5	29.5	19.8	42.1	21.8	25.7	50	280	280	280	10000
Lead	515	281	42.5	167	539	90.7	63	400	400	1000	3900
Manganese	408	717	672	460	267	364	1600	2000	2000	10000	10000
Nickel	21.3	28.0	29.2	12.6	16.0	14.2	30	87	320	320	5900
Silver	0.31	0.39	0.39	0.25	0.48	0.34	2	22	110	1700	2000
Zinc	210	245	76.2	122	220	122	109	1300	6600	10000	10000
Mercury	0.23	0.76	0.30	0.11	2.2	0.43	0.18	0.3	0.3	1.1	1.1
SEMIVOLITALE ORGANIC COMPOUNDS (SVOCS)											
Acenaphthene	ND	0.053	ND	ND	ND	ND	20	100	100	500	1000
Acenaphthylene	ND	0.13	ND	ND	ND	ND	100	100	100	500	1000
Anthracene	0.061	0.25	ND	0.4	ND	0.42	100	100	100	500	1000
Benzo[a]anthracene	0.19	1.1	1.6	1	ND	1.2	1	1	1.4	37	37
Benzo[a]pyrene	0.19	1	1.7	0.9	ND	1.3	1	1	1	3.7	3.7
Benzo[b]fluoranthene	0.27	1.2	2.5	1.2	0.33	1.7	1	1	1.4	37	37
Benzo[g,h,i]perylene	0.14	0.7	1.3	0.62	ND	0.95	0.64	1.2	4.9	47	78
Benzo[k]fluoranthene	0.11	0.7	1.2	0.54	ND	0.81	0.8	1.2	4.9	47	78
Chrysene	0.22	1.1	2	1	ND	1.4	1	1.2	4.9	47	78
Dibenz(a,h)anthracene	ND	0.19	ND	ND	ND	ND	0.33	0.33	0.33	3.7	3.7
Dibenzofuran	ND	0.051	ND	ND	ND	ND	2.1	4.2	18	180	290
Fluoranthene	0.44	2.4	3.5	2.2	0.44	2.9	85	100	100	500	1000
Fluorene	ND	0.066	ND	ND	ND	ND	30	100	100	500	1000
Indeno[1,2,3-cd]pyrene	0.11	0.58	1.1	0.48	ND	0.73	0.5	0.5	1.4	37	37
Naphthalene	ND	0.053	ND	ND	ND	ND	12	84	100	500	1000
Phenanthrene	0.21	1.1	1.4	1.4	ND	1.7	1.1	1.2	4.9	47	78
Pyrene	0.36	2	2.7	1.8	ND	2.2	64	100	100	500	1000
Total TICs	4.92	7.84	ND	ND	4.8	ND	NS	NS	NS	NS	NS
VOLITALE ORGANIC COMPOUNDS (VOCS)											
Chloroform	ND	0.46	ND	0.46	0.44	0.43	370	4800	24000	180000	180000

Notes:

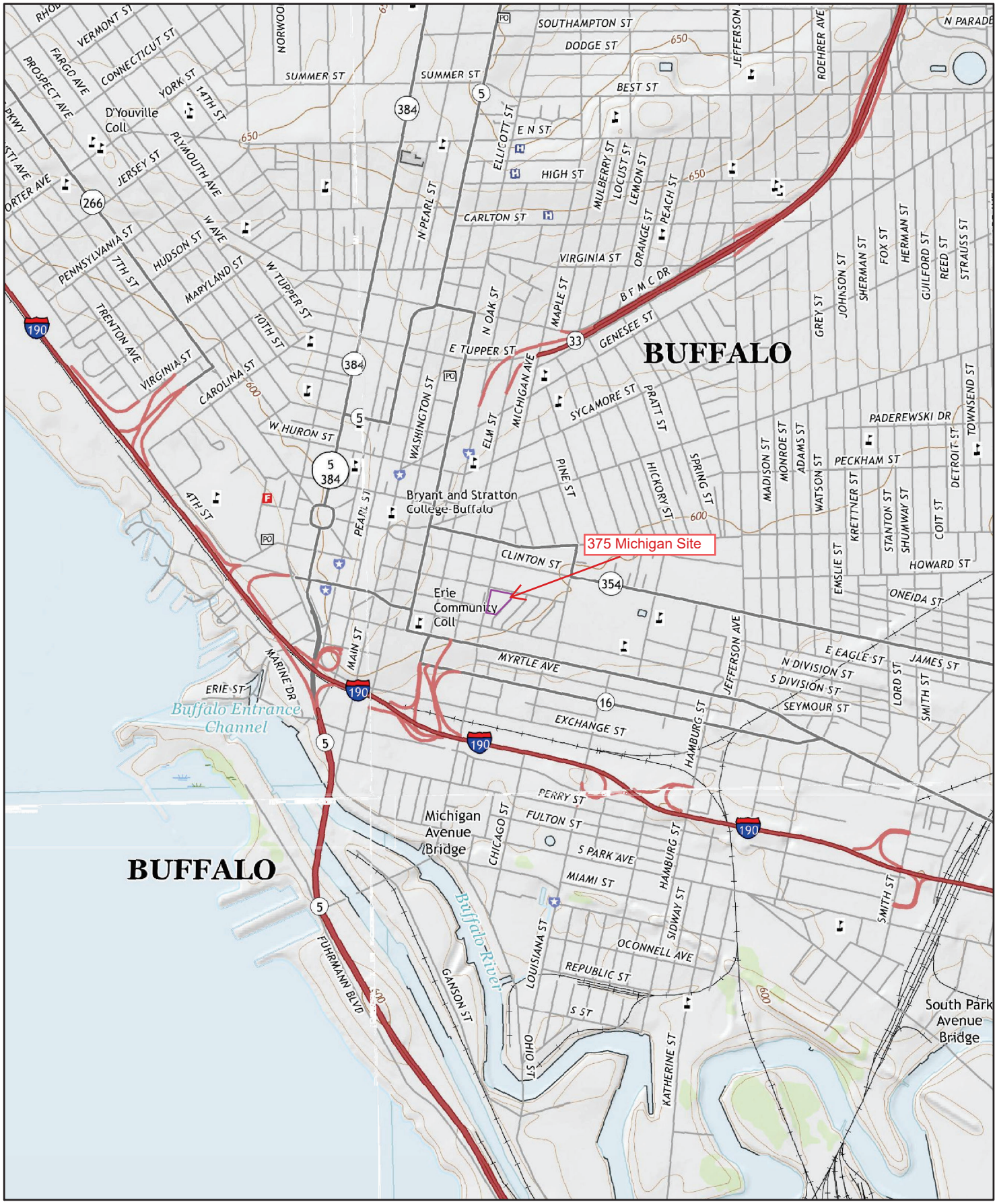
(1) All values are provided in parts per million (ppm) or milligrams per kilogram (mg/kg).
(2) Sample depths do not include the approximately 6" of snow cover (i.e., depths measured below ground surface).
(3) Sample depths are provided in feet.

ND Not Detected
NS No Standard/Near Surface
NYSDEC New York State Department of Environmental Conservation
SCO Soil Cleanup Objective

Exceeds NYSDEC unrestricted SCO but below residential SCO
Exceeds NYSDEC residential SCO but below restricted residential SCO
Exceeds NYSDEC restricted residential SCO but below commercial SCO
Exceeds NYSDEC commerical SCO but below industrial SCO
Exceeds NYSDEC industrial SCO

Figures

FIGURE 1 - Site Location Map



2016

0 0.2 0.4 0.8 Miles

Order No. 20200513022

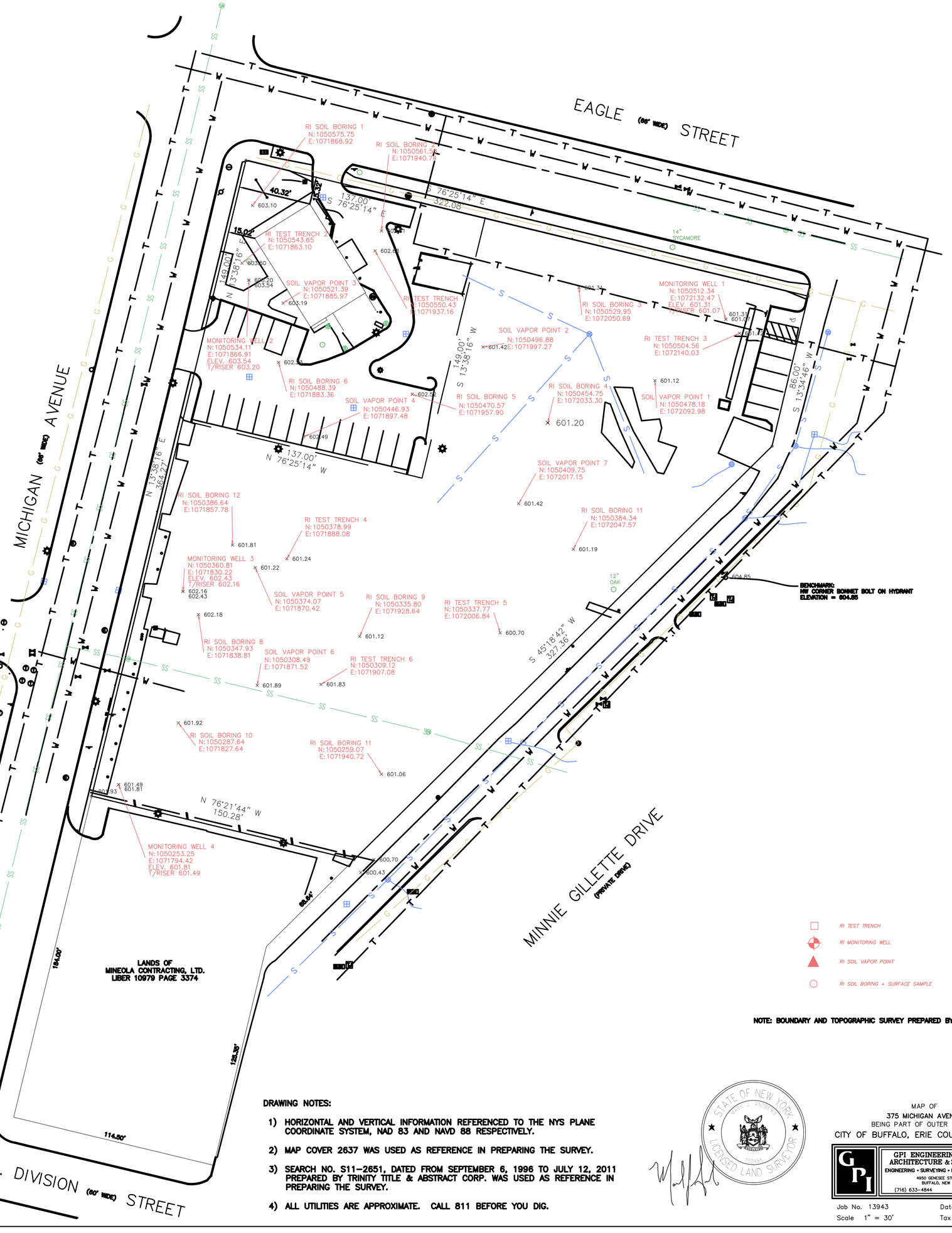
Quadrangle(s): Buffalo NE,NY

Source: USGS 7.5 Minute Topographic Map

ENVIRONMENTAL RISK INFORMATION SERVICES

Figure 2





LEGEND

	TELEPHONE MANHOLE
TJB	TELEPHONE JUNCTION BOX
TRANS	TRANSFORMER
	ELECTRIC MANHOLE
	LIGHT STANDARD
	STORM MANHOLE
	DRAINAGE CATCHBASIN
	ROUND DRAINAGE INLET
	HYDRANT
	WATER VALVE
	SANITARY VENT/CLEAN-OUT
	SEWER MANHOLE
	HANDICAP PARKING
	SIGN
	GUARD POST
	CONCRETE POST CUT OFF
	DECIDUOUS TREE
TC	TOP CURB
BC	BOTTOM CURB
HCR	HANDICAP RAMP
— G —	GAS LINE
— E —	ELECTRIC LINE
— SS —	SANITARY LINE
— S —	STORM LINE
— W —	WATER LINE
— FO —	FIBER OPTIC PAINT

RI TEST TRENCH

RI MONITORING WELL

RI SOIL VAPOR POINT

RI SOIL BORING + SURFACE SAMPLE

NOTE: BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED BY OTHERS

ONLY VISIBLE UTILITY SERVICES AND/OR ENCUMBRANCES WERE LOCATED AND ARE SHOWN.

THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN UPDATED ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATEMENT OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

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ALTERING THIS DOCUMENT IS IN VIOLATION OF THE LAW EXCEPTING AS PROVIDED IN SECTION 7209, PART 2 OF THE NEW YORK STATE EDUCATION LAW.

THE ALTERATION OF BOUNDARY SURVEY MAPS BY ANYONE OTHER THAN THE ORIGINAL PREPARER IS MISLEADING, CONFUSING, AND NOT IN THE GENERAL WELFARE AND BENEFIT OF THE PUBLIC.

DRAWING NOTES:

1) HORIZONTAL AND VERTICAL INFORMATION REFERENCED TO THE NYS PLANE COORDINATE SYSTEM, NAD 83 AND NAVD 88 RESPECTIVELY.

2) MAP COVER 2637 WAS USED AS REFERENCE IN PREPARING THE SURVEY.

3) SEARCH NO. S11-2651, DATED FROM SEPTEMBER 6, 1996 TO JULY 12, 2011 PREPARED BY TRINITY TITLE & ABSTRACT CORP. WAS USED AS REFERENCE IN PREPARING THE SURVEY.

4) ALL UTILITIES ARE APPROXIMATE. CALL 811 BEFORE YOU DIG.

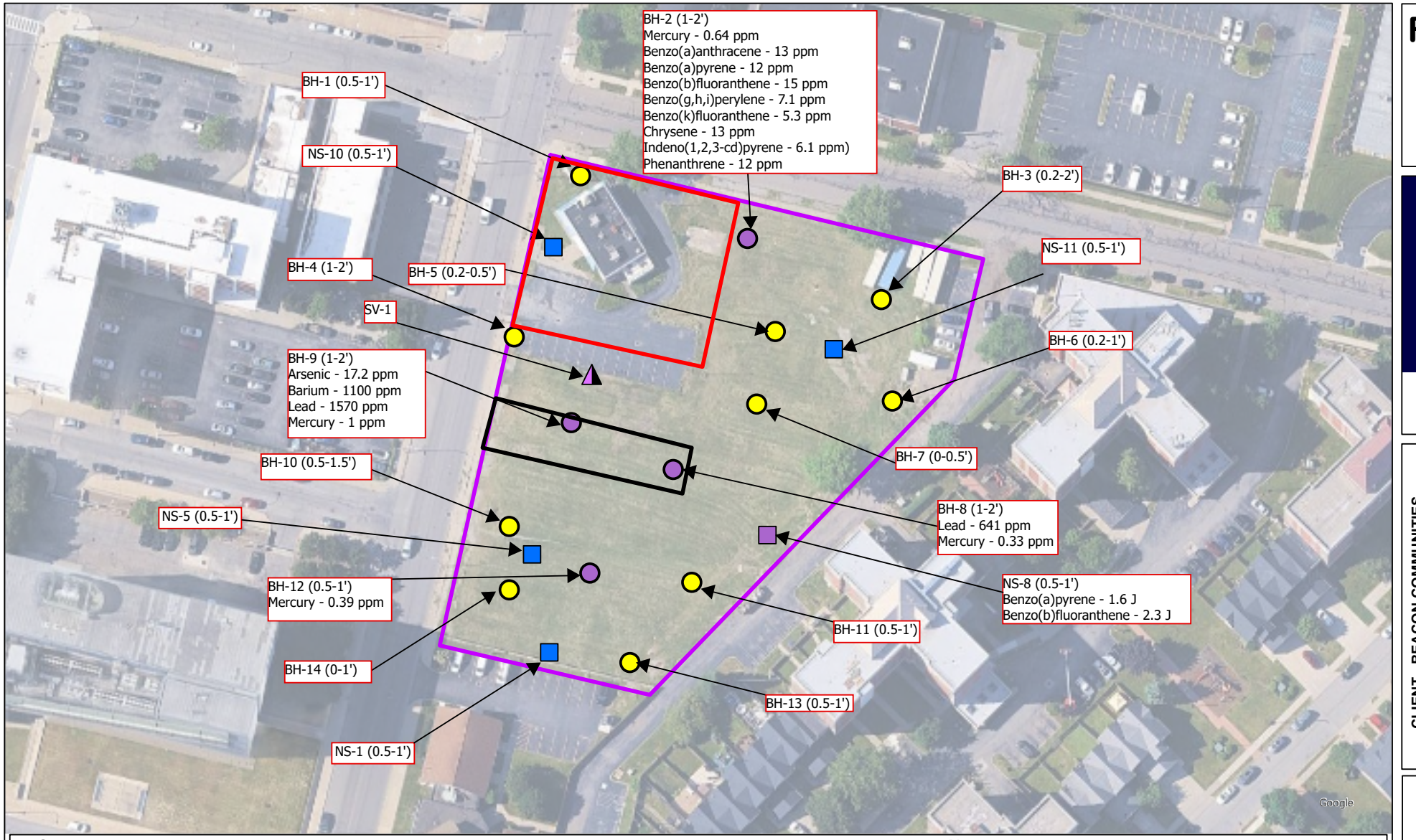
STATE OF NEW YORK — MARK J. ANDREW — 050823 — LICENSED LAND SURVEYOR

MAP OF
375 MICHIGAN AVENUE
BEING PART OF OUTER LOT 104
CITY OF BUFFALO, ERIE COUNTY, NEW YORK

GPI ENGINEERING, LANDSCAPE ARCHITECTURE & SURVEYING, LLP
ENGINEERING • SURVEYING • LANDSCAPE ARCHITECTURE
4950 GENESEE STREET, SUITE 100
BUFFALO, NEW YORK 14225
(716) 633-4844 FAX 633-4940

Job No. 13943 Date: AUGAUST 4, 2026
Scale 1" = 30' Tax No. 111.63-1-1.11

Figure 3



LEGEND

- Soil Boring with RR Exceedances
- Soil Boring
- Near Surface Sample
- Soil Vapor Point
- BCP Site Boundary
- Near Surface Sample with RR Exceedances
- General Location of Historic Dry Cleaner
- General Location of Historic Auto Repair Shop and Gas Station

Note:
All results listed are in units of parts per million (ppm)
All results listed are above restricted residential SCOs.

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

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CLIENT - BEACON COMMUNITIES

Figure 3 - BE3 July 2024 Phase II Investigation Summary Results
375 Michigan Avenue
Buffalo, NY 14203

N

DATE ISSUED:
January 9, 2026

△ 5/11/2026: Added SV-1
△ 6/3/2026: Added mercury exceedance for BH-2 and change NS-11 color to match legend

Scale: 1:1,146



LEGEND

- January 2026 Test Trench Location
- BCP Site Boundary
- General Location of Historic Dry Cleaner
- General Location of Historic Auto Repair Shop and Gas Station

Note:
All results listed are in units of parts per million (ppm)
All results listed are above restricted residential SCOs.
The 2.2 ppm mercury exceedance in TT-2 is above industrial SCOs

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Figure 4
January 2026 Additional Sampling

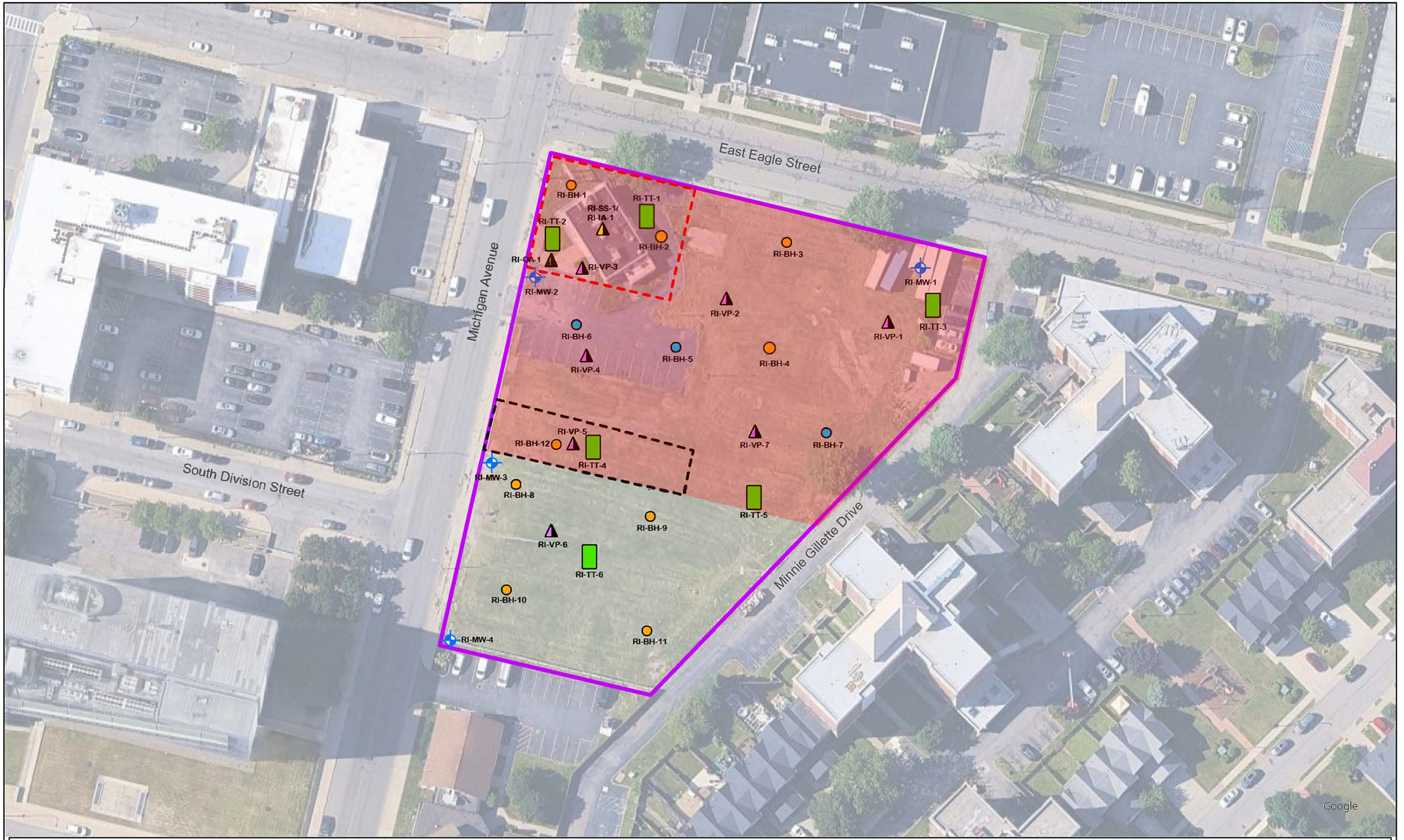
375 Michigan Avenue
Buffalo, NY 14203

N

DATE ISSUED:
February 4, 2026

△
△
△
△

Scale: 1:1,146



LEGEND

- BCP Site Boundary
- RI Soil Boring
- RI Soil Boring + Surface Sample
- RI Test Trench
- RI Monitoring Well
- RI Soil Vapor Point
- RI Outdoor Air
- RI Sub-Slab Vapor/Indoor Air Pair
- Location of Historic Auto Repair Shop and Gas Station
- Geophysical Survey Location
- Location of Historic Dry Cleaner

NOTES

1. Basemap adopted from Google Maps.
2. All locations are proximate.
3. Groundwater is assumed to flow southwest.
4. Prevailing wind is from the west.
5. RI-OA-1 shall be located at least 10 feet from the building and at a height representative of breathing zones

BE3
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CLIENT - BEACON COMMUNITIES

Figure 5
Remedial Investigation Plan

375 Michigan Avenue
Buffalo, NY 14203

N

DATE ISSUED:
May 13, 2026

△ 6/4/2026: Added RI-BH-12, RI-IA-1 and adjusted RI-MW-3 location
△ 6/19/2026: Increased geophysical survey area

Scale: 1:1,146

Figure 6: Soil Restricted Residential



RI-TT-1 1-3'	Result -ppm	SCO-ppm
Benzo[b]fluoranthene	1.4	1.4

RI-TT-3 1-3'	Result -ppm	SCO-ppm
Mercury	1.3	0.3
Lead	1110	400
Barium	433	410
Benzo[a]anthracene	53	1.4
Benzo[a]pyrene	47	1
Benzo[b]fluoranthene	64	1.4
Benzo[g,h,i]perylene	26	4.9
Benzo[k]fluoranthene	28	4.9
Chrysene	64	4.9
Dibenz(a,h)anthracene	9.2	0.33
Fluoranthene	200	100
Phenanthrene	110	4.9
Pyrene	100	100

RI-BH-2 0-2"	Result -ppm	SCO-ppm
Benzo[a]pyrene	1.9	1
Benzo[b]fluoranthene	2.7	1.4
Dibenz(a,h)anthracene	0.35	0.33

RI-BH-3 0-2"	Result -ppm	SCO-ppm
Benzo[a]anthracene	3.8	1.4
Benzo[a]pyrene	3.6	1
Benzo[b]fluoranthene	5.3	1.4
Dibenz(a,h)anthracene	0.65	0.33
Phenanthrene	5.1	4.9
RI-BH-3 1-3'	**Result -ppm**	**SCO-ppm**
Mercury	1.3	0.3
Lead	1690	400

RI-TT-4 1-3'	Result -ppm	SCO-ppm
Manganese	2320	2000
Benzo[a]pyrene	1.2	1
Benzo[b]fluoranthene	1.5	1.4

RI-BH-12 0-2"	Result -ppm	SCO-ppm
Mercury	0.44	0.3
Benzo[a]anthracene	2	1.4
Benzo[a]pyrene	2.2	1
Benzo[b]fluoranthene	3.2	1.4

RI-BH-4 0-2"	Result -ppm	SCO-ppm
Benzo[b]fluoranthene	1.9	1.4

RI-BH-7 1-3'	Result -ppm	SCO-ppm
Mercury	0.53	0.3
RI-BH-7 4-6'	**Result -ppm**	**SCO-ppm**
Benzo[a]pyrene	4.7	1
Benzo[b]fluoranthene	5.3	1.4
Chrysene	6.1	4.9
Dibenz(a,h)anthracene	0.74	0.33
Indeno[1,2,3-cd]pyrene	2.2	1.4
Phenanthrene	13	4.9

RI-BH-8 0-2"	Result -ppm	SCO-ppm
Benzo[a]anthracene	2	1.4
Benzo[a]pyrene	2.1	1
Benzo[b]fluoranthene	2.7	1.4
RI-BH-8 1-3'	**Result -ppm**	**SCO-ppm**
Mercury	3.9	0.3
Lead	1940	400
Arsenic	22.5	16

RI-TT-5 1-2'	Result -ppm	SCO-ppm
Mercury	0.36	0.3
Benzo[a]anthracene	3.3	1.4
Benzo[a]pyrene	3	1
Benzo[b]fluoranthene	3.5	1.4
Dibenz(a,h)anthracene	0.5	0.33
Phenanthrene	5.7	4.9

RI-BH-10 1-3'	Result -ppm	SCO-ppm
Mercury	0.4	0.3

RI-BH-9 0-2"	Result -ppm	SCO-ppm
Benzo[a]anthracene	2.6	1.4
Benzo[a]pyrene	2.7	1
Benzo[b]fluoranthene	3.7	1.4

RI-TT-6 1-3'	Result -ppm	SCO-ppm
Mercury	0.51	0.3
Lead	436	400
Benzo[a]pyrene	1.3	1
Benzo[b]fluoranthene	1.5	1.4

RI-BH-11 0-2"	Result -ppm	SCO-ppm
Mercury	0.3	0.3
Benzo[b]fluoranthene	1.6	1.4

LEGEND

- BCP Site Boundary
- RI Soil Boring
- RI Soil Boring + Surface Sample
- RI Test Trench
- RI Monitoring Well
- RI Soil Vapor Point
- RI Outdoor Air
- RI Sub-Slab Vapor/Indoor Air Pair
- Location of Historic Auto Repair Shop and Gas Station
- Geophysical Survey Location
- Location of Historic Dry Cleaner

NOTES

1. Basemap adopted from Google Maps.
2. All locations are proximate.
3. Groundwater is assumed to flow southwest.
4. Prevailing wind is from the west.
5. RI-OA-1 shall be located at least 10 feet from the building and at a height representative of breathing zones

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CLIENT - BEACON COMMUNITIES

Remedial Investigation Plan

375 Michigan Avenue
Buffalo, NY 14203

N

DATE ISSUED:
May 13, 2026

△ 6/4/2026: Added RI-BH-12, RI-IA-1 and adjusted RI-MW-3 location
△ 6/19/2026: Increased geophysical survey area

Scale: 1:1,146



RI-SS-1 ug/m3	Result	Quality
1,2-Dichloroethane	6.7	
1,2,4-Trimethylbenzene	6.3	
1,3,5-Trimethylbenzene	4	
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.9	J
Acetone	430	
Benzene	21	
Carbon disulfide	17	
Cumene	4.1	
Cyclohexane	350	
Ethylbenzene	17	
Isopropyl alcohol	12	J
Methyl Ethyl Ketone (2-Butanone)	15	
n-Butane	270	
n-Heptane	380	
n-Hexane	290	
N-Propylbenzene	3.5	J
o-Xylene	15	
sec-Butylbenzene	1.2	J
Styrene	3.1	J
tert-Butyl alcohol	68	
Tetrachloroethene	8.2	
Tetrahydrofuran	3.7	J
Toluene	43	

RI-IA-1 ug/m3	Result	Quality
4-Isopropyltoluene	1.1	J
Acetone	28	
Benzene	0.47	J
Chlorodifluoromethane	8.5	
Chloromethane	2.2	
Dichlorodifluoromethane	2.7	
Isopropyl alcohol	4.7	J B
Methyl Butyl Ketone (2-Hexanone)	1.3	J
Methyl Ethyl Ketone (2-Butanone)	3.2	
Styrene	2.8	
tert-Butyl alcohol	1	J
Toluene	1.1	
Trichlorofluoromethane	1.3	

RI-VP-2 ug/m3	Result	Quality
1,2-Dichloroethane	14	J
Acetone	5000	
Carbon tetrachloride	18	
Chloroethane	21	J
Chloromethane	28	J
Cyclohexane	41	
Isopropyl alcohol	65	J
Methyl Butyl Ketone (2-Hexanone)	180	
Methyl Ethyl Ketone (2-Butanone)	16000	
n-Butane	530	
n-Heptane	120	
n-Hexane	140	
tert-Butyl alcohol	43	J
Toluene	31	

RI-VP-3 ug/m3	Result	Quality
1,3-Butadiene	50	
Acetone	1900	
Cyclohexane	32	
Methyl Butyl Ketone (2-Hexanone)	53	J
Methyl Ethyl Ketone (2-Butanone)	5700	
n-Butane	660	
n-Heptane	52	
n-Hexane	110	
tert-Butyl alcohol	26	J

RI-VP-1 ug/m3	Result	Quality
1,3-Butadiene	79	J
Acetone	3300	
Cyclohexane	85	J
Methyl Butyl Ketone (2-Hexanone)	200	J
Methyl Ethyl Ketone (2-Butanone)	10000	
n-Butane	3500	
n-Heptane	96	J
n-Hexane	260	J

RI-VP-7 ug/m3	Result	Quality
1,3-Butadiene	76	J
Acetone	5400	
Methyl Ethyl Ketone (2-Butanone)	17000	
n-Butane	1300	

RI-VP-4 ug/m3	Result	Quality
1,3-Butadiene	43	
Acetone	3300	
Carbon disulfide	37	J
Chloromethane	25	J
Cyclohexane	43	
Isopropyl alcohol	46	J
Methyl Butyl Ketone (2-Hexanone)	37	J
Methyl Ethyl Ketone (2-Butanone)	6500	
n-Butane	730	
n-Heptane	51	
n-Hexane	110	
tert-Butyl alcohol	35	J

RI-UP-1 ug/m3	Result	Quality
1,3-Butadiene	0.55	
Acetone	72	
Benzene	0.53	J
Carbon disulfide	1.1	J
Cyclohexane	3.2	
Dichlorodifluoromethane	2	
Isopropyl alcohol	3.3	J
Methyl Ethyl Ketone (2-Butanone)	36	
n-Butane	28	
n-Heptane	1.3	
n-Hexane	2.5	
tert-Butyl alcohol	1.7	
Toluene	1.1	
Trichlorofluoromethane	1.3	

RI-VP-6 ug/m3	Result	Quality
Acetone	8400	
Isopropyl alcohol	1000	J
Methyl Butyl Ketone (2-Hexanone)	520	J
Methyl Ethyl Ketone (2-Butanone)	24000	
n-Butane	1200	
n-Hexane	280	J

RI-VP-5 ug/m3	Result	Quality
Acetone	3700	
Cyclohexane	89	J
Methyl Butyl Ketone (2-Hexanone)	370	J
Methyl Ethyl Ketone (2-Butanone)	13000	
n-Butane	1600	
n-Hexane	170	J

LEGEND

- BCP Site Boundary
- RI Soil Boring
- RI Soil Boring + Surface Sample
- RI Test Trench
- RI Monitoring Well
- RI Soil Vapor Point
- RI Outdoor Air
- RI Sub-Slab Vapor/Indoor Air Pair
- Location of Historic Auto Repair Shop and Gas Station
- Geophysical Survey Location
- Location of Historic Dry Cleaner

NOTES

1. Basemap adopted from Google Maps.
2. All locations are proximate.
3. Groundwater is assumed to flow southwest.
4. Prevailing wind is from the west.
5. RI-OA-1 shall be located at least 10 feet from the building and at a height representative of breathing zones

Figure 7: Vapor point results

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

960 Busti Avenue
Buffalo, NY 14213
716.249.6880
jbrydges@be3corp.com

CLIENT - BEACON COMMUNITIES

Remedial Investigation Plan

375 Michigan Avenue
Buffalo, NY 14203

N

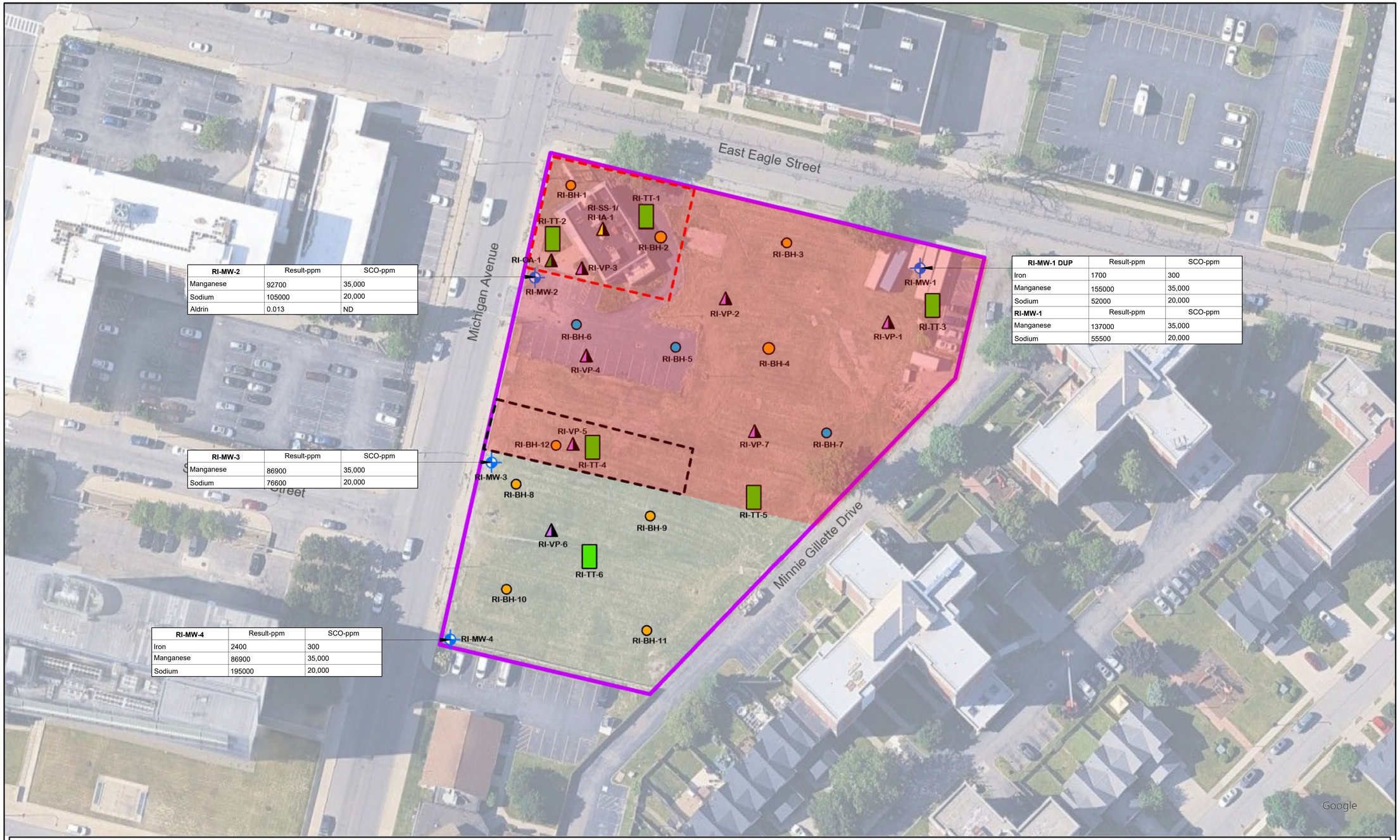
DATE ISSUED:
May 13, 2026

△ 6/4/2026: Added RI-BH-12, RI-IA-1 and adjusted RI-MW-3 location

△ 6/19/2026: Increased geophysical survey area

Scale: 1:1,146

Figure 8: Well Restricted Residential



RI-MW-2	Result-ppm	SCO-ppm
Manganese	92700	35,000
Sodium	105000	20,000
Aldrin	0.013	ND

RI-MW-1 DUP	Result-ppm	SCO-ppm
Iron	1700	300
Manganese	155000	35,000
Sodium	52000	20,000
RI-MW-1	Result-ppm	SCO-ppm
Manganese	137000	35,000
Sodium	55500	20,000

RI-MW-3	Result-ppm	SCO-ppm
Manganese	86900	35,000
Sodium	76600	20,000

RI-MW-4	Result-ppm	SCO-ppm
Iron	2400	300
Manganese	86900	35,000
Sodium	195000	20,000

LEGEND

- BCP Site Boundary
- RI Soil Boring
- RI Soil Boring + Surface Sample
- RI Test Trench
- RI Monitoring Well
- RI Soil Vapor Point
- RI Outdoor Air
- RI Sub-Slab Vapor/Indoor Air Pair
- Location of Historic Auto Repair Shop and Gas Station
- Geophysical Survey Location
- Location of Historic Dry Cleaner

NOTES

1. Basemap adopted from Google Maps.
2. All locations are proximate.
3. Groundwater is assumed to flow southwest.
4. Prevailing wind is from the west.
5. RI-OA-1 shall be located at least 10 feet from the building and at a height representative of breathing zones

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

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CLIENT - BEACON COMMUNITIES

Remedial Investigation Plan

375 Michigan Avenue
Buffalo, NY 14203

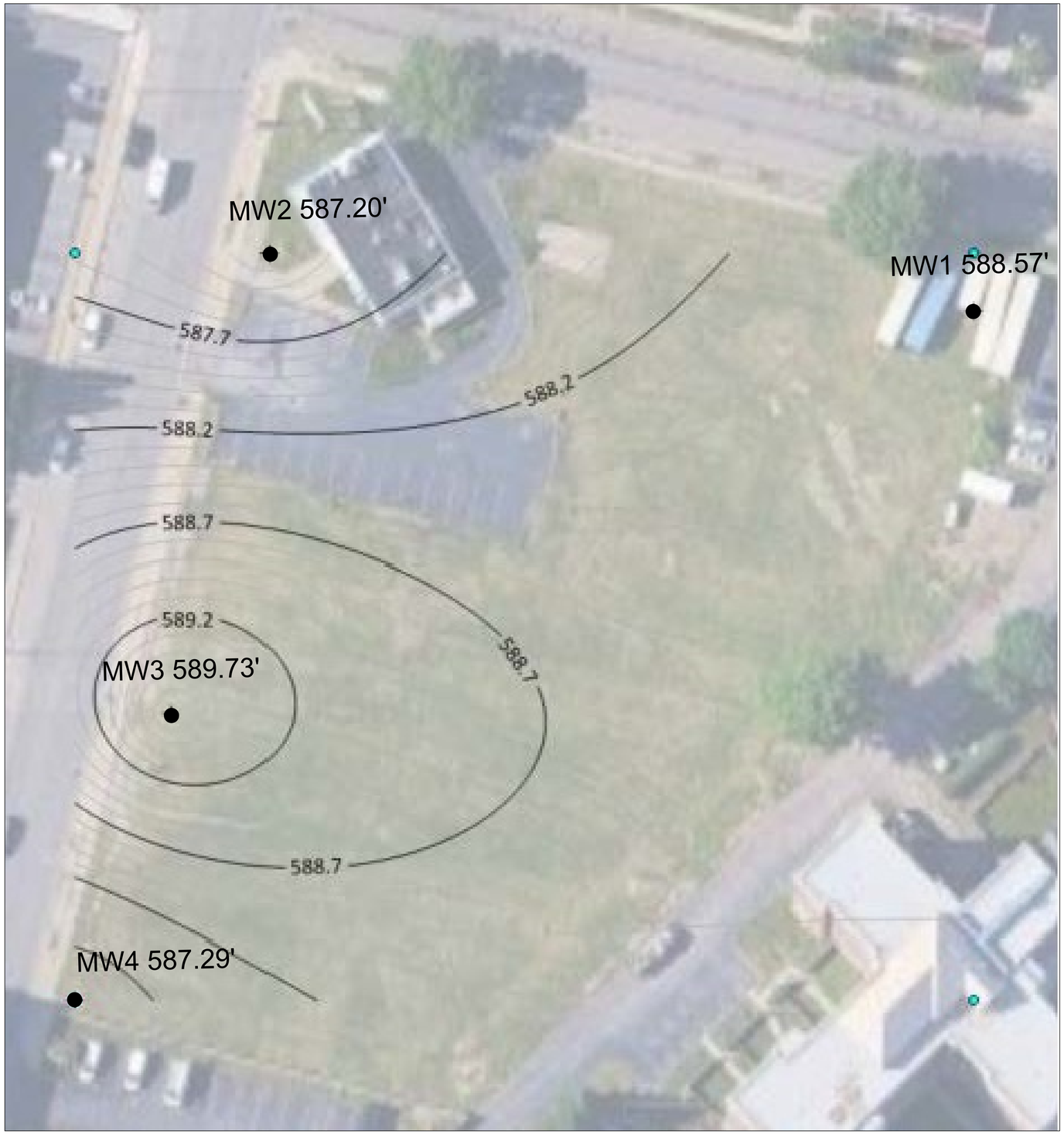
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DATE ISSUED:
May 13, 2026

△ 6/4/2026: Added RI-BH-12, RI-IA-1 and adjusted RI-MW-3 location

△ 6/19/2026: Increased geophysical survey area

Scale: 1:1,146



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IN ENVIRONMENT AND ENERGY, DPC

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CLIENT - BEACON COMMUNITIES

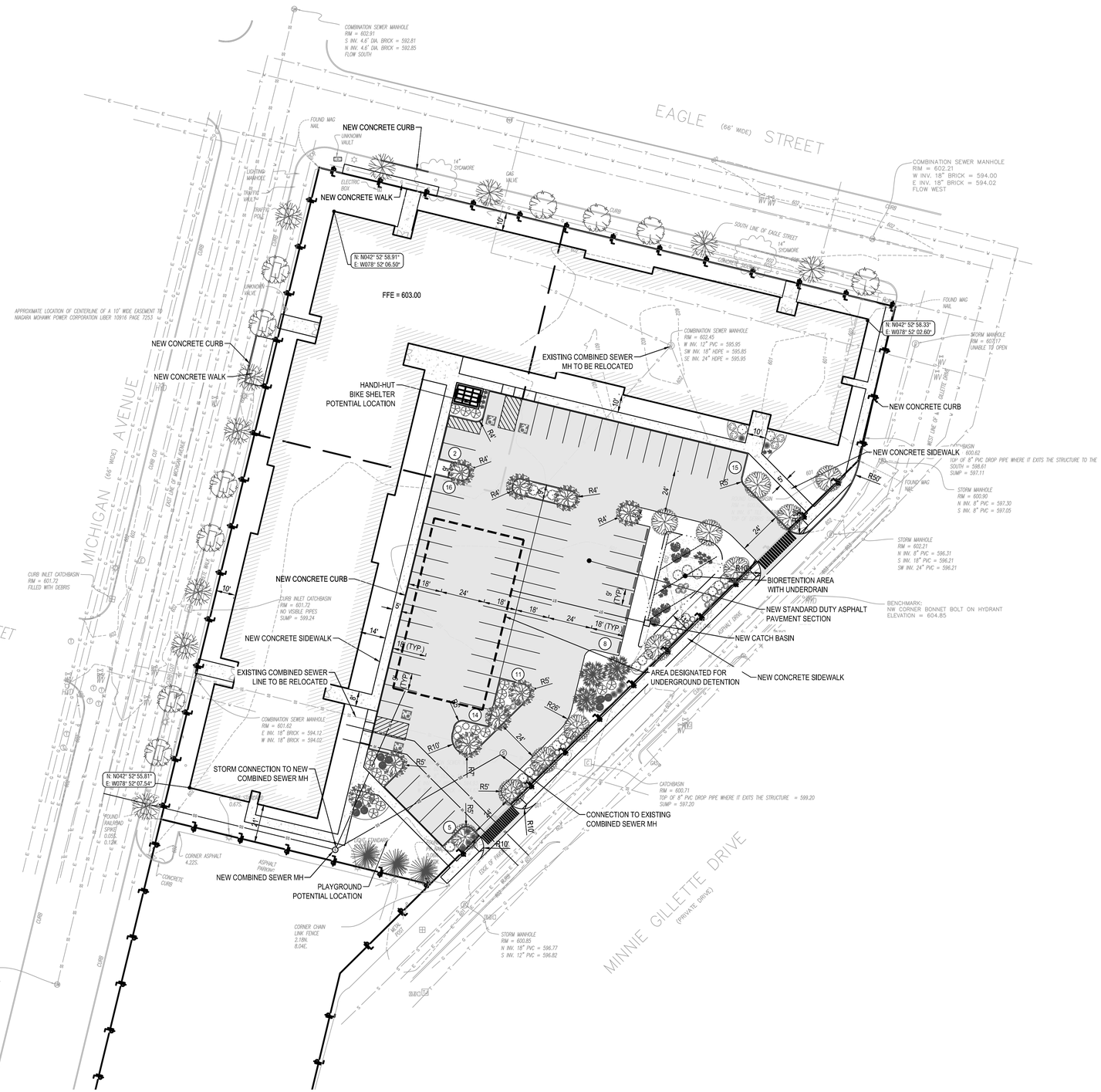
Figure 9: Hydrogeologic contours

375 Michigan Avenue
Buffalo, NY 14203

DATE ISSUED:
May 13, 2026

△ 6/4/2026: Added RI-BH-12, RI-IA-1 and adjusted RI-MW-3 location
△ 6/19/2026: Increased geophysical survey area

Figure 10



1 C201 SITE PLAN

SCALE: 1" = 30'

N

0' 30' 60' 90'

LaBella
Powered by partnership.

300 Pearl Street, Suite 130
Buffalo, NY 14202
716-551-6281

labellapc.com

NOT FOR CONSTRUCTION

CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

It is a violation of New York Education Law Art, 145 Sec, 7209 & Art. 147 Sec. 7307, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

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BEACON COMMUNITIES
Client Address

375 MICHIGAN AVE
AFFORDABLE HOUSING
375 MICHIGAN AVE, BUFFALO, NY 14203

NO:	DATE:	DESCRIPTION:
Revisions		

PROJECT NUMBER: 2260267

DRAWN BY:

REVIEWED BY:

ISSUED FOR: SCHEMATIC DESIGN

DATE: 1/13/2026

DRAWING NAME:

SITE PLAN

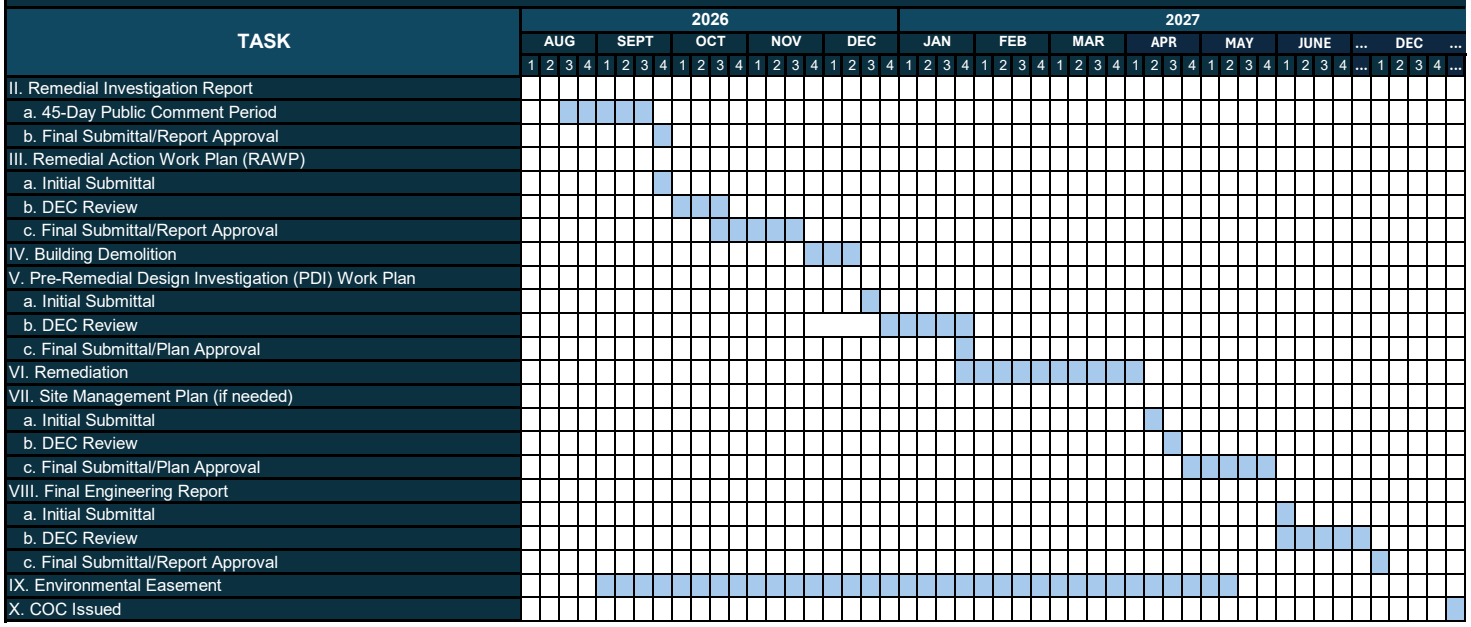
DRAWING NUMBER:

C201

Drawing Name: B:\GLOBAL\Projects\Beacon Communities\2260267 - 375 Michigan Ave Affordable Housing\05_Drawings\Civil\C200 SITE PLAN.dwg
Xref Attach: x1 BASE.dwg, x2 Xref-Plan 24ASEBMP DESIGN-SITE, Design-Utility, Design-Landscape
Date Printed: Jan 13, 2026, 2:10pm

FIGURE 11: PROJECT SCHEDULE

375 Michigan Avenue - Site No. C915417



Appendices

Appendix A

Daily Field Reports

960 Busti Ave.
Buffalo, New York 14213

BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC

Daily Field Report

Date:	Monday, June 29, 2026
Site Name:	375 Michigan Ave
Location:	376 Michigan Ave, Buffalo, NY
Contractor/Sub-Contractor:	SES
Weather Conditions:	Sunny, High 90 °F, 12-15 MPH SE wind

Description of Work Performed:

MW-1 and MW-2 were installed and sampled at a depth of 20ft. We took soil samples from MW-3 and MW-4 at the screen depth of 25ft, auguring for these will happen first thing tomorrow (6/30).

Problems/Observations:	NA
Health and Safety Concerns:	Some people walking dogs on site

Attachments : photo log, air data, location map

Inspectors Name	NA

960 Busti Ave.
Buffalo, New York 14213

Community Air Monitoring Program Data

Date:	Monday, June 29, 2026
Site Name:	375 Michigan Ave

Upwind Data		Downwind Data			Delta
Time	PM 10 - 15 min AVG (µg/m³)	Time	PM 10 - 15 min AVG (µg/m³)	VOC	PM 10 - 15m AVG (µg/m³)
08:45:00 - 09:00:00	0.02	08:45:00 - 09:00:00	0.023	0	0.003
09:00:00 - 09:15:00	0.015	09:00:00 - 09:15:00	0.018	0	0.003
09:15:00 - 09:30:00	0.014	09:15:00 - 09:30:00	0.017	0	0.003
09:30:00 - 09:45:00	0.012	09:30:00 - 09:45:00	0.015	0	0.003
09:45:00 - 10:00:00	0.016	09:45:00 - 10:00:00	0.022	0	0.006
10:00:00 - 10:15:00	0.018	10:00:00 - 10:15:00	0.022	0	0.004
10:15:00 - 10:30:00	0.015	10:15:00 - 10:30:00	0.02	0	0.005
10:30:00 - 10:45:00	0.009	10:30:00 - 10:45:00	0.015	0	0.006
10:45:00 - 11:00:00	0.009	10:45:00 - 11:00:00	0.019	0	0.01
11:00:00 - 11:15:00	0.007	11:00:00 - 11:15:00	0.019	0	0.012
11:15:00 - 11:30:00	0.002	11:15:00 - 11:30:00	0.016	0	0.014
11:30:00 - 11:45:00	0.001	11:30:00 - 11:45:00	0.011	0	0.01
11:45:00 - 12:00:00	0.001	11:45:00 - 12:00:00	0.014	0	0.013
12:00:00 - 12:15:00	0.001	12:00:00 - 12:15:00	0.013	0	0.012
12:15:00 - 12:30:00	0.004	12:15:00 - 12:30:00	0.019	0	0.015
12:30:00 - 12:45:00	0.003	12:30:00 - 12:45:00	0.02	0	0.017
12:45:00 - 13:00:00	0.001	12:45:00 - 13:00:00	0.019	0	0.018
13:00:00 - 13:15:00	0.004	13:00:00 - 13:15:00	0.02	0	0.016
13:15:00 - 13:30:00	0.004	13:15:00 - 13:30:00	0.019	0	0.015
13:30:00 - 13:45:00	0.006	13:30:00 - 13:45:00	0.019	0	0.013
13:45:00 - 14:00:00	0.007	13:45:00 - 14:00:00	0.021	0	0.014
14:00:00 - 14:15:00	0.006	14:00:00 - 14:15:00	0.022	0	0.016
14:15:00 - 14:30:00	0.007	14:15:00 - 14:30:00	0.022	0	0.015
14:30:00 - 14:45:00	0.007	14:30:00 - 14:45:00	0.023	0	0.016
14:45:00 - 15:00:00	0.008	14:45:00 - 15:00:00	0.023	0	0.015
15:00:00 - 15:15:00	0.007	15:00:00 - 15:15:00	0.025	0	0.018
15:15:00 - 15:30:00	0.006	15:15:00 - 15:30:00	0.025	0	0.019
15:30:00 - 15:45:00	0.007	15:30:00 - 15:45:00	0.027	0	0.02
15:45:00 - 16:00:00	0.006	15:45:00 - 16:00:00	0.027	0	0.021
16:00:00 - 16:15:00	0.007	16:00:00 - 16:15:00	0.059	0	0.052

Particulate Threshold PM 10 15minute average = 100µg/m³ above background

960 Busti Ave.
Buffalo, New York 14213

Work Location Map

Date:	Monday, June 29, 2026
Site Name:	375 Michigan Ave



Legend	
→	Predominent Wind Direction
UW	Dust monitor location (Upwind)
DW	Dust monitor location (Downwind)
▭	Work Location

960 Busti Ave.
Buffalo, New York 14213

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

Daily Field Report

Date:	Tuesday, June 30, 2026
Site Name:	375 Michigan Ave
Location:	376 Michigan Ave, Buffalo, NY
Contractor/Sub-Contractor:	SES
Weather Conditions:	Sunny, High 90 °F, 12-15 MPH SW wind

Description of Work Performed:

MW-3 (moved about 10ft from the road) and MW-4 complete to 25ft. Vapor points 2, 4, and 6 set at 5ft BSG (below surface grade). Vapor point 1 set at 12.5ft. All test trenches are complete to 6ft BSG (TT-3 moved closer to the parking lot on the NE corner of the site to explore an geophysical anomaly). MW-1 water at 13.8ft BSG, MW-2 no water, MW-3 no water, MW-4 no water.

Problems/Observations:	NA
Health and Safety Concerns:	Some people walking dogs on site

Attachments : photo log, air data, location map

Inspectors Name	NA

960 Busti Ave.
Buffalo, New York 14213

Community Air Monitoring Program Data

Date:	Tuesday, June 30, 2026
Site Name:	375 Michigan Ave

Upwind Data		Downwind Data			Delta
Time	PM 10 - 15 min AVG (µg/m³)	Time	PM 10 - 15 min AVG (µg/m³)	VOC	PM 10 - 15m AVG (µg/m³)
08:00:00 - 08:15:00	0	08:00:00 - 08:15:00	0	0	0
08:15:00 - 08:30:00	0	08:15:00 - 08:30:00	0	0	0
08:30:00 - 08:45:00	0	08:30:00 - 08:45:00	0	0	0
08:45:00 - 09:00:00	0	08:45:00 - 09:00:00	0	0	0
09:00:00 - 09:15:00	0	09:00:00 - 09:15:00	0	0	0
09:15:00 - 09:30:00	0	09:15:00 - 09:30:00	0	0	0
09:30:00 - 09:45:00	0	09:30:00 - 09:45:00	0	0	0
09:45:00 - 10:00:00	0	09:45:00 - 10:00:00	0	0	0
10:00:00 - 10:15:00	0	10:00:00 - 10:15:00	0	0	0
10:15:00 - 10:30:00	0	10:15:00 - 10:30:00	0	0	0
10:30:00 - 10:45:00	0	10:30:00 - 10:45:00	0	0	0
10:45:00 - 11:00:00	0	10:45:00 - 11:00:00	0	0	0
11:00:00 - 11:15:00	0	11:00:00 - 11:15:00	0	0	0
11:15:00 - 11:30:00	0	11:15:00 - 11:30:00	0	0	0
11:30:00 - 11:45:00	0	11:30:00 - 11:45:00	0	0	0
11:45:00 - 12:00:00	0	11:45:00 - 12:00:00	0	0	0
12:00:00 - 12:15:00	0	12:00:00 - 12:15:00	0	0	0
12:15:00 - 12:30:00	0	12:15:00 - 12:30:00	0	0	0
12:30:00 - 12:45:00	0	12:30:00 - 12:45:00	0	0	0
12:45:00 - 13:00:00	0	12:45:00 - 13:00:00	0	0	0
13:00:00 - 13:15:00	0	13:00:00 - 13:15:00	0	0	0
13:15:00 - 13:30:00	0	13:15:00 - 13:30:00	0	0	0
13:30:00 - 13:45:00	0	13:30:00 - 13:45:00	0	0	0
13:45:00 - 14:00:00	0	13:45:00 - 14:00:00	0	0	0
14:00:00 - 14:15:00	0	14:00:00 - 14:15:00	0	0	0
14:15:00 - 14:30:00	0	14:15:00 - 14:30:00	0	0	0
14:30:00 - 14:45:00	0	14:30:00 - 14:45:00	0	0	0
14:45:00 - 15:00:00	0	14:45:00 - 15:00:00	0	0	0
15:00:00 - 15:15:00	0	15:00:00 - 15:15:00	0	0	0
	0		0	0	0

Particulate Threshold PM 10 15minute average = 100µg/m³ above background

960 Busti Ave.
Buffalo, New York 14213

Work Location Map

Date:	Tuesday, June 30, 2026
Site Name:	375 Michigan Ave



Legend	
→	Predominent Wind Direction
UW	Dust monitor location (Upwind)
DW	Dust monitor location (Downwind)
▭	Work Location

960 Busti Ave.
Buffalo, New York 14213

BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC

Daily Field Report

Date:	Wednesday, July 1, 2026
Site Name:	375 Michigan Ave
Location:	376 Michigan Ave, Buffalo, NY
Contractor/Sub-Contractor:	SES
Weather Conditions:	Sunny, High 93 °F, 10-15 MPH SW wind

Description of Work Performed:

All Boreholes are completed (BH-4 moved to the original location of TT-3 and BH-2 moved closer to TT-1 location). All vapor points complete to about 12.5ft BSG and are set (about 1:30pm), to be collected after 24-hours. MW-1 has about 6ft of water, MW-2 has moisture at the bottom of the hole, MW-3 has about 1.5ft of water, and MW-4 has about 0.5ft of water.

Problems/Observations:	NA
Health and Safety Concerns:	Some people walking dogs on site

Attachments : photo log, air data, location map

Inspectors Name	NA

960 Busti Ave.
Buffalo, New York 14213

Community Air Monitoring Program Data

Date:	Wednesday, July 1, 2026
Site Name:	375 Michigan Ave

Upwind Data		Downwind Data			Delta
Time	PM 10 - 15 min AVG (µg/m³)	Time	PM 10 - 15 min AVG (µg/m³)	VOC	PM 10 - 15m AVG (µg/m³)
08:00:00 - 08:15:00	0	08:00:00 - 08:15:00	0.07	0	0.07
08:15:00 - 08:30:00	0	08:15:00 - 08:30:00	0.058	0	0.058
08:30:00 - 08:45:00	0	08:30:00 - 08:45:00	0.05	0	0.05
08:45:00 - 09:00:00	0	08:45:00 - 09:00:00	0.047	0	0.047
09:00:00 - 09:15:00	0	09:00:00 - 09:15:00	0.045	0	0.045
09:15:00 - 09:30:00	0	09:15:00 - 09:30:00	0.044	0	0.044
09:30:00 - 09:45:00	0	09:30:00 - 09:45:00	0.043	0	0.043
09:45:00 - 10:00:00	0	09:45:00 - 10:00:00	0.043	0	0.043
10:00:00 - 10:15:00	0	10:00:00 - 10:15:00	0.042	0	0.042
10:15:00 - 10:30:00	0	10:15:00 - 10:30:00	0.043	0	0.043
10:30:00 - 10:45:00	0	10:30:00 - 10:45:00	0.042	0	0.042
10:45:00 - 11:00:00	0	10:45:00 - 11:00:00	0.042	0	0.042
11:00:00 - 11:15:00	0	11:00:00 - 11:15:00	0.042	0	0.042
11:15:00 - 11:30:00	0	11:15:00 - 11:30:00	0.042	0	0.042
11:30:00 - 11:45:00	0	11:30:00 - 11:45:00	0.042	0	0.042
11:45:00 - 12:00:00	0	11:45:00 - 12:00:00	0.042	0	0.042
12:00:00 - 12:15:00	0	12:00:00 - 12:15:00	0.042	0	0.042
12:15:00 - 12:30:00	0	12:15:00 - 12:30:00	0.042	0	0.042
12:30:00 - 12:45:00	0	12:30:00 - 12:45:00	0.043	0	0.043
12:45:00 - 13:00:00	0	12:45:00 - 13:00:00	0.043	0	0.043
13:00:00 - 13:15:00	0	13:00:00 - 13:15:00	0.043	0	0.043
13:15:00 - 13:30:00	0	13:15:00 - 13:30:00	0.043	0	0.043
13:30:00 - 13:45:00	0	13:30:00 - 13:45:00	0.043	0	0.043
13:45:00 - 14:00:00	0	13:45:00 - 14:00:00	0.044	0	0.044
14:00:00 - 14:15:00	0	14:00:00 - 14:15:00	0.043	0	0.043
14:15:00 - 14:30:00	0	14:15:00 - 14:30:00	0.043	0	0.043
14:30:00 - 14:45:00	0	14:30:00 - 14:45:00	0.044	0	0.044
14:45:00 - 15:00:00	0	14:45:00 - 15:00:00	0.043	0	0.043
15:00:00 - 15:15:00	0	15:00:00 - 15:15:00	0.043	0	0.043
	0	15:15:00 - 15:30:00	0	0	0

Particulate Threshold PM 10 15minute average = 100µg/m³ above background

960 Busti Ave.
Buffalo, New York 14213

Work Location Map

Date:	Wednesday, July 1, 2026
Site Name:	375 Michigan Ave



Legend	
→	Predominent Wind Direction
UW	Dust monitor location (Upwind)
DW	Dust monitor location (Downwind)
▭	Work Location

960 Busti Ave.
Buffalo, New York 14213

BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC

Daily Field Report

Date:	Thursday, July 2, 2026
Site Name:	375 Michigan Ave
Location:	376 Michigan Ave, Buffalo, NY
Contractor/Sub-Contractor:	SES
Weather Conditions:	Sunny, High 88 °F, 10-15 MPH SW wind

Description of Work Performed:

All surface samples are collected. All vapor point canisters are collected. All soil barrels have been consolidated to a central area, properly sealed, and labeled.

Problems/Observations:	NA
Health and Safety Concerns:	Some people walking dogs on site

Attachments : photo log, air data, location map

Inspectors Name	NA

BE3 BRYDGES ENGINEERING
BY ENVIRONMENT AND ENERGY, DPC

960 Busti Ave.
Buffalo, New York 14213

Community Air Monitoring Program Data

Date:	Thursday, July 2, 2026
Site Name:	375 Michigan Ave

Upwind Data		Downwind Data			Delta
Time	PM 10 - 15 min AVG (µg/m³)	Time	PM 10 - 15 min AVG (µg/m³)	VOC	PM 10 - 15m AVG (µg/m³)
10:45:00 - 11:00:00	0	10:45:00 - 11:00:00	0	0	0
11:00:00 - 11:15:00	0	11:00:00 - 11:15:00	0	0	0
11:15:00 - 11:30:00	0	11:15:00 - 11:30:00	0	0	0
11:30:00 - 11:45:00	0	11:30:00 - 11:45:00	0	0	0
11:45:00 - 12:00:00	0	11:45:00 - 12:00:00	0	0	0
12:00:00 - 12:15:00	0	12:00:00 - 12:15:00	0	0	0
12:15:00 - 12:30:00	0	12:15:00 - 12:30:00	0	0	0
12:30:00 - 12:45:00	0	12:30:00 - 12:45:00	0	0	0
12:45:00 - 13:00:00	0	12:45:00 - 13:00:00	0	0	0
13:00:00 - 13:15:00	0	13:00:00 - 13:15:00	0	0	0
13:15:00 - 13:30:00	0	13:15:00 - 13:30:00	0	0	0
13:30:00 - 13:45:00	0	13:30:00 - 13:45:00	0	0	0
13:45:00 - 14:00:00	0	13:45:00 - 14:00:00	0	0	0
14:00:00 - 14:15:00	0	14:00:00 - 14:15:00	0	0	0
14:15:00 - 14:30:00	0	14:15:00 - 14:30:00	0	0	0

***Particulate Threshold PM 10 15minute average = 100µg/m³ above background**

960 Busti Ave.
Buffalo, New York 14213

Work Location Map

Date:	Thursday, July 2, 2026
Site Name:	375 Michigan Ave



Legend	
→	Predominent Wind Direction
UW	Dust monitor location (Upwind)
DW	Dust monitor location (Downwind)
▭	Work Location

960 Busti Ave.
Buffalo, New York 14213

BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC

Daily Field Report

Date:	Wednesday, July 8, 2026
Site Name:	375 Michigan Ave
Location:	376 Michigan Ave, Buffalo, NY
Contractor/Sub-Contractor:	
Weather Conditions:	Sunny, High 90°F, 10-15 MPH SW wind

Description of Work Performed:

All monitoring wells on site were developed. Approximently 3 well volumes were removed in order to properly develop each well. The excess water was placed in drums and each drum was placed at it's respective well. All drums were properly labeled and sealed. These water drums will be moved and consolidated in a central location after sampling is complete. Additionaly orange fencing and cones were placed around the site by Pike.

Problems/Observations:	NA
Health and Safety Concerns:	

Attachments : photo log, air data, location map

Inspectors Name	NA

960 Busti Ave.
Buffalo, New York 14213

Work Location Map

Date:	Wednesday, July 8, 2026
Site Name:	375 Michigan Ave



Legend	
→	Predominent Wind Direction
UW	Dust monitor location (Upwind)
DW	Dust monitor location (Downwind)
▭	Work Location

960 Busti Ave.
Buffalo, New York 14213

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

Daily Field Report

Date:	Thursday, July 9, 2026
Site Name:	375 Michigan Ave
Location:	376 Michigan Ave, Buffalo, NY
Contractor/Sub-Contractor:	
Weather Conditions:	Sunny, High 88°F, 10-15 MPH SW wind

Description of Work Performed:

MW-1 and MW-4 sampling was completed. The excess water was placed in drums and each drum was placed at it's respective well. All drums were properly labeled and sealed. These water drums will be moved and consolidated in a central location after sampling is complete.

Problems/Observations:	NA
Health and Safety Concerns:	

Attachments : photo log, air data, location map

Inspectors Name NA

960 Busti Ave.
Buffalo, New York 14213

Work Location Map

Date:	Thursday, July 9, 2026
Site Name:	375 Michigan Ave



Legend	
→	Predominent Wind Direction
UW	Dust monitor location (Upwind)
DW	Dust monitor location (Downwind)
▭	Work Location

960 Busti Ave.
Buffalo, New York 14213

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

Daily Field Report

Date:	Friday, July 10, 2026
Site Name:	375 Michigan Ave
Location:	376 Michigan Ave, Buffalo, NY
Contractor/Sub-Contractor:	
Weather Conditions:	Sunny, High 88°F, 10-15 MPH SW wind

Description of Work Performed:

MW-2 and MW-3 sampling was completed. The excess water was placed in drums and each drum was placed at it's respective well. All drums were properly labeled and sealed. These water drums will be moved and consolidated in a central location after sampling is complete.

Problems/Observations:	NA
Health and Safety Concerns:	

Attachments : photo log, air data, location map

Inspectors Name	NA

960 Busti Ave.
Buffalo, New York 14213

Work Location Map

Date:	Friday, July 10, 2026
Site Name:	375 Michigan Ave



Legend	
→	Predominent Wind Direction
UW	Dust monitor location (Upwind)
DW	Dust monitor location (Downwind)
▭	Work Location

960 Busti Ave.
Buffalo, New York 14213

BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC

Daily Field Report

Date:	Friday, July 31, 2026
Site Name:	375 Michigan Ave
Location:	376 Michigan Ave, Buffalo, NY
Contractor/Sub-Contractor:	
Weather Conditions:	Sunny, High 78°F, 10-15 MPH SW wind

Description of Work Performed:

BE3 and Ramco Excavation arrived on site at approximately 8:00 a.m. to perform the Gamma Radiation Survey Plan. A background area was established along the northern edge of the site. Background radiation readings averaged approximately 6,013 counts per minute (CPM) at the ground surface and ranged from approximately 5,500 CPM at 1.0 ft below ground surface (bgs) to 7,000 CPM at 1.5 ft bgs in the excavator bucket. The team then moved to the area of Test Trench TT-4, where a 4.0-foot-deep trench was excavated. Gamma radiation readings were collected at approximately 0.5-foot intervals during excavation. Readings ranged from 5,200 to 7,500 CPM. Upon completion of the excavation, a walkover was performed around the TT-4 area, with readings averaging approximately 6,200 CPM. Following completion of the survey, all excavated trenches were properly backfilled, graded, and restored.

Problems/Observations:	NA
Health and Safety Concerns:	

Attachments : photo log, air data, location map

Inspectors Name	NA

960 Busti Ave.
Buffalo, New York 14213

Community Air Monitoring Program Data

Date:	Friday, July 31, 2026
Site Name:	376 Michigan Ave, Buffalo, NY

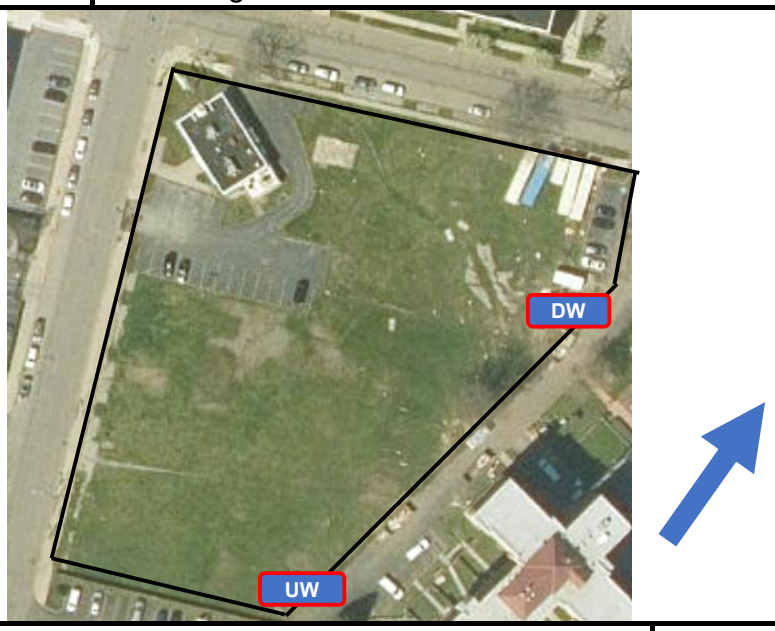
Upwind Data		Downwind Data			Delta
Time	PM 10 - 15 min AVG (µg/m³)	Time	PM 10 - 15 min AVG (µg/m³)	VOC	PM 10 - 15m AVG (µg/m³)
7/31/26 8:00 AM	24	7/31/26 8:00 AM	36	0	12
7/31/26 8:15 AM	22	7/31/26 8:15 AM	34	0	12
7/31/26 8:30 AM	18	7/31/26 8:30 AM	29	0	11
7/31/26 8:45 AM	12	7/31/26 8:45 AM	24	0	12
					0
					0
					0
					0
					0
					0
					0
					0
					0
					0
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					0
					0
					0
					0
					0
					0
					0
					0

Particulate Threshold PM 10 15minute average = 100µg/m³ above background

960 Busti Ave.
Buffalo, New York 14213

Work Location Map

Date:	Friday, July 31, 2026
Site Name:	375 Michigan Ave



Legend	
→	Predominent Wind Direction
UW	Dust monitor location (Upwind)
DW	Dust monitor location (Downwind)
▭	Work Location

Appendix B

Site Photographs



1. MW-1 Installed with waste barrel



2. MW-2 installation

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC



3. MW-3 probing



4. MW-4 probing



5. Test Trench 2 with poly for soil placement



6. Vapor point installation



7. Soil storage



8. Test trench 3 (moved to NE corner of site)



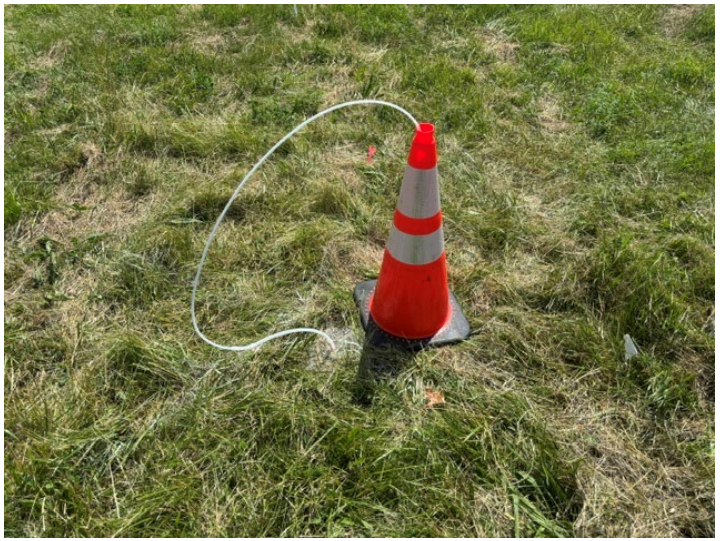
9. BH-2 relocated closer to TT-1 location



10. BH-4 relocated to TT-3 original location



11. Helium purging equipment



12. Cone to protect VP canister from being tampered with



13. Drum storage location



14. MW-4 sampling



15. MW-2



16. MW-3



17. Background trench



18. Taking samples from test trench



19. Test trench

Appendix C

Soil Boring Logs

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	6/30/2026	Equipment Model:	Mini Excavator
Date Completed:	6/30/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Test Trench:	TT-1	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0						0"-2" Asphalt
1	X	G				2"-5.0' Fill (reworked material) Silt & Clay; some Sand, some Gravel; debris(brick/concrete/clay pipe)
2						
3						
4				5.0		
5				5.0		
6	X	G				5.0'-6.0' Native Silt & Clay; little Sand; little Gravel
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
PID hits of 4-5ppm from 4-5ft in black gravel/debris layer

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	6/30/2026	Equipment Model:	Mini Excavator
Date Completed:	6/30/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Test Trench:	TT-2	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0						0'-1.5' Fill; Gravel; and Sand; little Silt & Clay; Debris(Glass,Brick,Plastic)
1	X	G				
2						1.5'-6.0' Native (reworked); Clay & Silt; some Sand; trace Gravel (ceramic pipe found at 6ft)
3						
4						
5	X	G				
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	6/30/2026	Equipment Model:	Mini Excavator
Date Completed:	6/30/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Test Trench:	TT-3	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0						
1	X	G				0'-2.5' Fill; Silt & Clay; and Sand; some Gravel; Debris (Brick,Clay pipe, Glass)
2						
3						
4	X	G				2.5'-6.0' Native; Silt & Clay; some Sand; trace Gravel
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits
Moved to the NE edge of the site to explore a geophisical annomoly

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	6/30/2026	Equipment Model:	Mini Excavator
Date Completed:	6/30/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Test Trench:	TT-4	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0						
1	X	G				0.0'-3.0' Fill; Silt & Clay; and Sand; Some Gravel; Debris (Glass, Brick, Large concrete bolder 3ft wide, trace slag)
2						
3						3.0'-6.0' Native; Clay & Silt; little Sand
4	X	G				
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	6/30/2026	Equipment Model:	Mini Excavator
Date Completed:	6/30/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Test Trench:	TT-5	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0						0'-1.5' Fill; Sand; and Gravel; little Silt & Clay; trace debris (brick, concrete, plastic)
1	X	G				
2						1.5'-6.0' Native; Silt & Clay; little Sand; trace Gravel
3						
4	X	G				
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	6/30/2026	Equipment Model:	Mini Excavator
Date Completed:	6/30/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Test Trench:	TT-6	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0						
1	X	G				0'-3.0' Fill; Sand; and Gravel; little Silt & Clay; Debris (trace Brick and Concrete)
2						
3						
4	X	G				3.0'-6.0' Native; Silt & Clay; little Sand; trace Gravel
5						
6						
7						
8						
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16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	7/1/2026	Equipment Model:	Geoprobe
Date Completed:	7/1/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Bore Hole:	BH-1	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0	X	G				0.0'-5.0' Fill; Sand; Some Gravel; little Silt and Clay; Debris (brick,concrete, plastic)
1	X	G				
2						
3						
4						
5						5.0'-10.0' Native; Silt and Clay; little Sand; trace Gravel
6						
7						
8	X	G				
9						
10						10.0'-15.0' Native; Clay and Silt; trace Sand
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	7/1/2026	Equipment Model:	Geoprobe
Date Completed:	7/1/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Bore Hole:	BH-2	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0	X	G				0.0'-3.0' Fill; Sand; Some Gravel; little Silt and Clay; Debris (brick,concrete, plastic)
1	X	G				
2						
3						3.0'-4.0' Native (reworked); Silt and Clay; little Sand; trace Gravel
4						
5						4.0'-10.0' Native; Silt and Clay; little Sand; trace Gravel
6						
7						
8	X	G				
9						
10						10.0'-15.0' Native; Clay and Silt; trace Sand
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	7/1/2026	Equipment Model:	Geoprobe
Date Completed:	7/1/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Bore Hole:	BH-3	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0	X	G				0.0'-5.0' Fill; Sand; Some Gravel; little Silt and Clay; Debris (brick,concrete, plastic)
1	X	G				
2						
3						
4						
5						5.0'-8.0' Native; Silt and Clay; little Sand; trace Gravel
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	7/1/2026	Equipment Model:	Geoprobe
Date Completed:	7/1/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Bore Hole:	BH-4	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0	X	G				0.0'-2.5' Fill; Sand; Some Gravel; little Silt and Clay; Debris (brick,concrete, plastic)
1						
	X	G				
2						
						2.5'-8.0' Native; Silt and Clay; little Sand; trace Gravel
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits
Location moved to the original location of TT-3

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	7/1/2026	Equipment Model:	Geoprobe
Date Completed:	7/1/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Bore Hole:	BH-5	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0						
1	X	G				0.0'-2.5' Fill; Sand; Some Gravel; little Silt and Clay; Debris (brick,concrete, plastic)
2						
3						2.5'-10.0' Native; Silt and Clay; little Sand; trace Gravel
4	X	G				
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	7/1/2026	Equipment Model:	Geoprobe
Date Completed:	7/1/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Bore Hole:	BH-6	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0						
1	X	G				0.0'-2.0' Fill; Sand; Some Gravel; little Silt and Clay; Debris (brick,concrete, plastic)
2						2.0'-10.0' Native; Silt and Clay; little Sand; trace Gravel
3						
4	X	G				
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	7/1/2026	Equipment Model:	Geoprobe
Date Completed:	7/1/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Bore Hole:	BH-7	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0						
1	X	G				0.0'-3.0' Fill; Sand; Some Gravel; little Silt and Clay; Debris (brick,concrete, plastic)
2						
3						
4						
5	X	G				
6						
7						2.0'-10.0' Native; Silt and Clay; little Sand; trace Gravel
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	7/1/2026	Equipment Model:	Geoprobe
Date Completed:	7/1/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Bore Hole:	BH-8	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0	X	G				0.0'-5.0' Fill; Sand; Some Gravel; little Silt and Clay; Debris (brick,concrete, plastic)
1	X	G				
2						
3						
4						
5						
6						5.0'-10.0' Native; Silt and Clay; little Sand; trace Gravel (Dry)
7						
8	X	G				
9						
10						
11						10.0'-15.0' Native; Clay and Silt; trace Sand (moist)
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	7/1/2026	Equipment Model:	Geoprobe
Date Completed:	7/1/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Bore Hole:	BH-9	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0	X	G				
1						
	X	G				0.0'-3.0' Fill; Sand; Some Gravel; little Silt and Clay; Debris (brick,concrete, plastic)
2						
3						
4						
5						
6						3.0'-8.0' Native; Silt and Clay; little Sand; trace Gravel
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	7/1/2026	Equipment Model:	Geoprobe
Date Completed:	7/1/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Bore Hole:	BH-10	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0	X	G				0.0'-5.0' Fill; Sand; Some Gravel; little Silt and Clay; Debris (brick,concrete, plastic)
1	X	G				
2						
3						
4						
5						
6						5.0'-8.0' Native; Silt and Clay; little Sand; trace Gravel
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	7/1/2026	Equipment Model:	Geoprobe
Date Completed:	7/1/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Bore Hole:	BH-11	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0	X	G				0.0'-1.5' Fill; Sand; Some Gravel; little Silt and Clay; Debris (brick,concrete, plastic)
1	X	G				1.5'-8.0' Native; Silt and Clay; some Sand; trace Gravel
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Geoprobe
Bore Hole Log

Project:		Dongan Ave Spill Investigation	
Client:	Beacon Communities	Location:	375 Michigan Ave
Contractor:	SES	Lat/Long:	
Date Started:	7/1/2026	Equipment Model:	Geoprobe
Date Completed:	7/1/2026	Geologist/Technician:	Will Goldsmith
Operator:	Dan	Depth to Groundwater:	NA
Bore Hole:	BH-12	Depth to Bedrock:	NA

Depth (Ft)	Sample NO	Sample TYPE	REC (%)	PID (ppm)	BORING	Description
0	X	G				0.0'-5.0' Fill; Sand; Some Gravel; little Silt and Clay; Debris (brick,concrete, plastic)
1	X	G				
2						
3						
4						
5						
6						5.0'-10.0' Native; Silt and Clay; little Sand; trace Gravel (Dry)
7						
8	X	G				
9						
10						
11						10.0'-15.0' Native; Clay and Silt; trace Sand (moist)
12						
13						
14						
15						
16						
17						
18						
19						
20						

Comments:
No PID hits

Appendix D

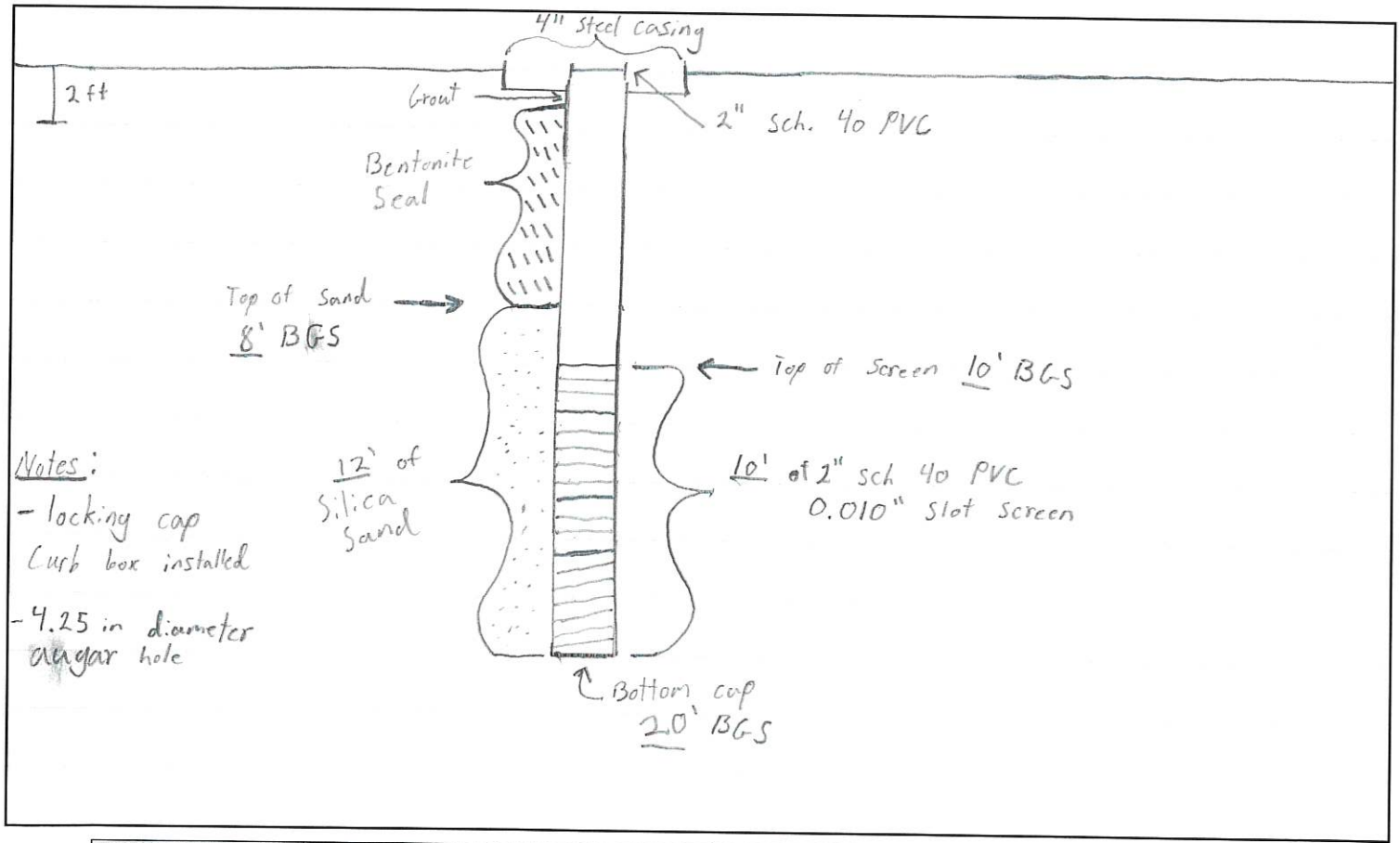
Well Construction Logs

WELL CONSTRUCTION LOG

Project	375 Michigan	Well ID	MW-1	Date 6/29/26
Location	MW-1	Driller	Dylan	Logger Will G.
Ground Elev.		TD		Borehole Dia. 4.25in
Well Dia.	2in PVC	Screen Interval	10' - 20' BGS	TOC Elev.

From	To	Lithology	PID	Sample	Notes
0.0'	5.0'	Fill; Sand & Gravel; little Silty-Clay	None	NA	Brick/concrete
5.0'	10.0'	Native; Clay & Silt; little Sand	None	NA	Dry
10.0'	15.0'	Native; Similar soils	None	NA	Moist
15.0'	20.0'	Native; Clay & Silt; trace Sand	None	mid screen (15')	Moist

Well Construction / Development Sketch



DEPTH

Screen Slot	0.010inch	Filter Pack	Clean Silica Sand	Seal Bentonite chips
Bentonite		Grout	at casing	Development Bailor - See log
Time	10:30 - 12:15	Water Removed	None	SWL

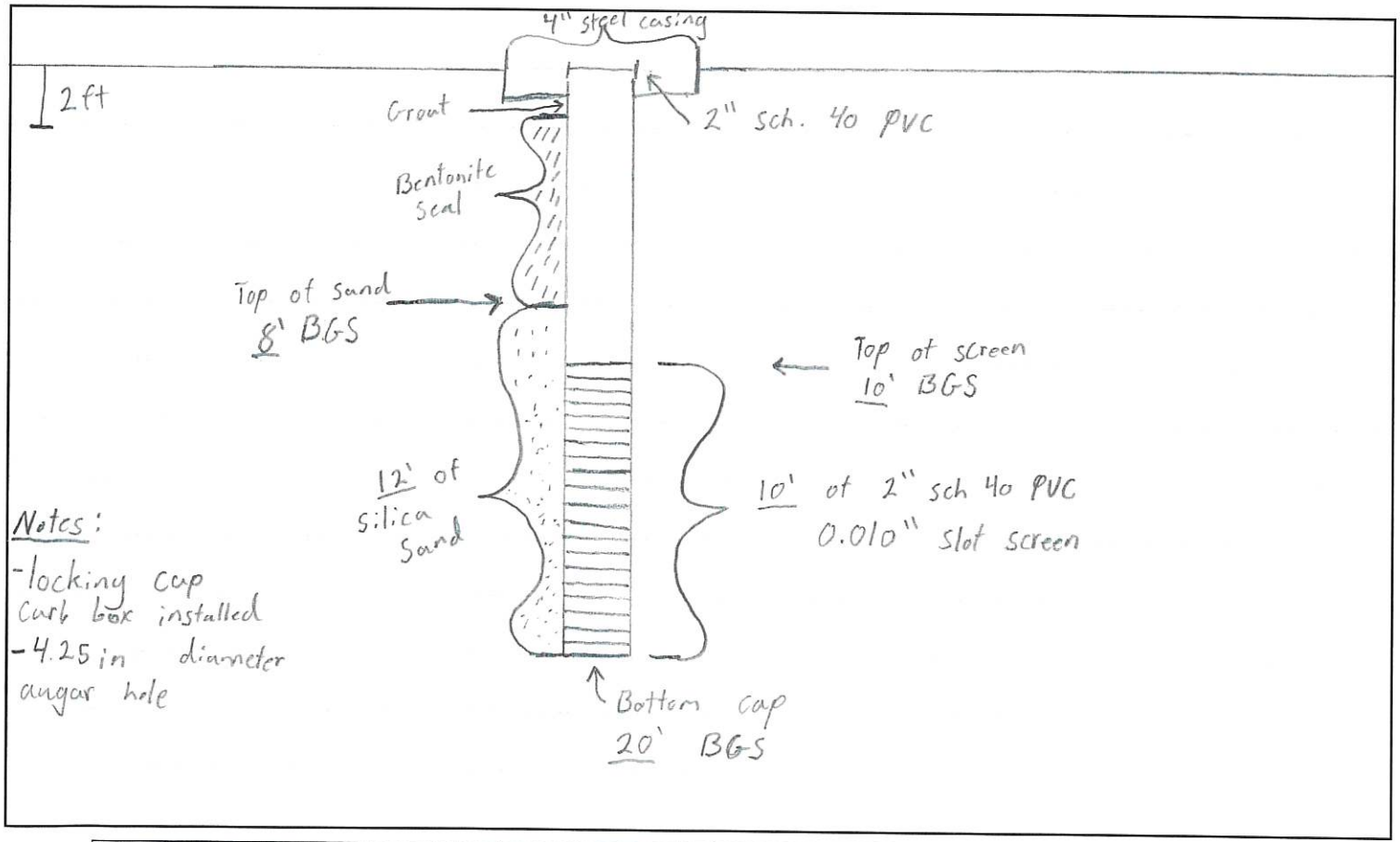
BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC

WELL CONSTRUCTION LOG

Project	375 Michigan	Well ID	MW-2	Date	6/29/26
Location	RI-MW-2	Driller	Dylan	Logger	Will G.
Ground Elev.		TD		Borehole Dia.	4.25"
Well Dia.	2in PVC	Screen Interval	10' - 20' BGS	TOC Elev.	

From	To	Lithology	PID	Sample	Notes
0.0'	1.0'	Fill; Sand; Some Gravel; little Silt&Clay	None	NA	Brick / concrete
1.0'	5.0'	Fill; Silt & Clay; Some Sand; little Gravel	None	NA	Brick / concrete - Dry
5.0'	10.0'	Native; Clay & Silt; little Sand	None	NA	Moist
10.0'	20.0'	Native; Similar Soils; trace Sand	None	mid screen (15')	Moist

Well Construction / Development Sketch



Screen Slot	0.010 in	Filter Pack	Clean Silica Sand	Seal	Bentonite
Bentonite		Grout	at Casing	Development	Bailor - See log
Time	12:30 - 3:00	Water Removed	None	SWL	

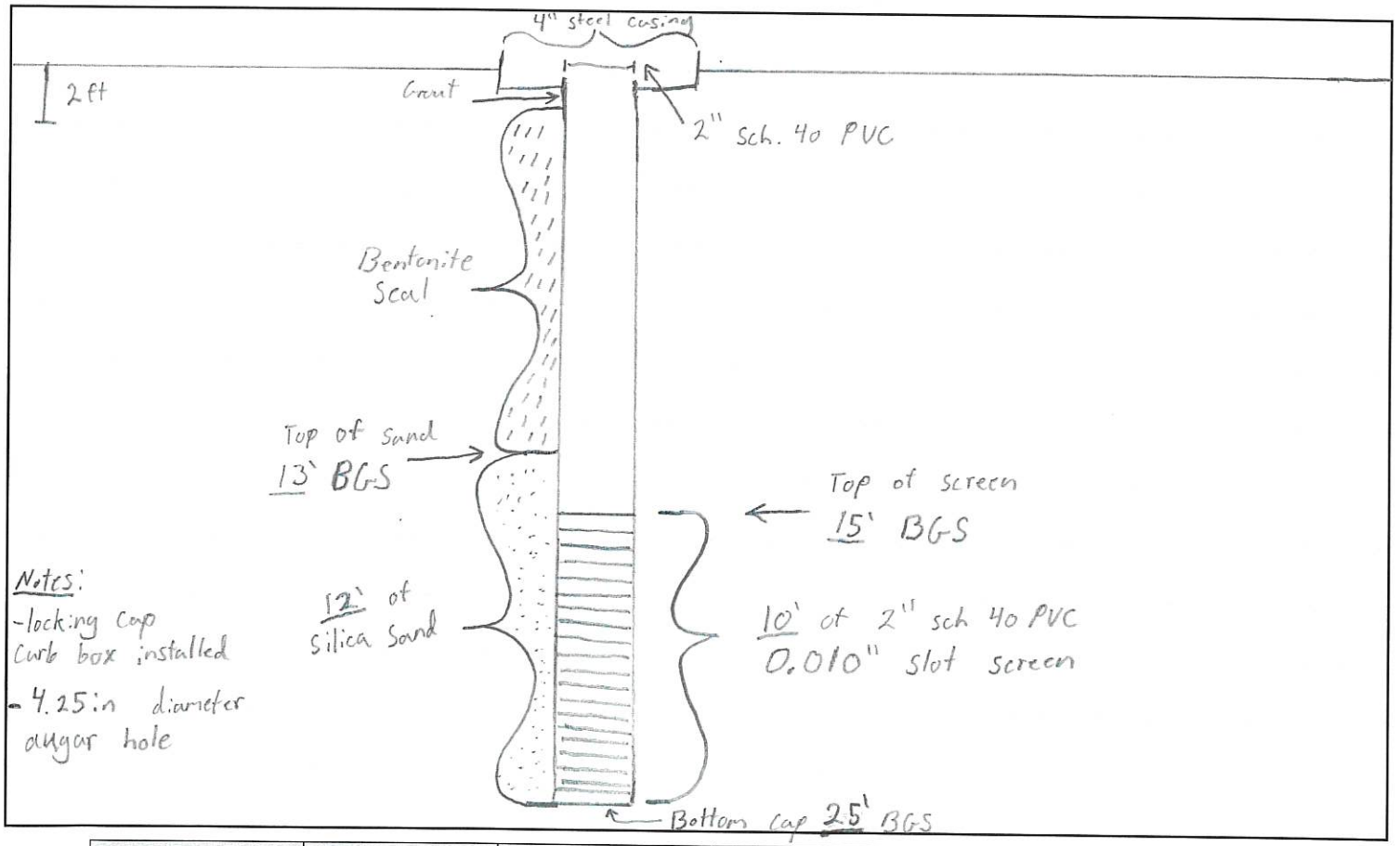
BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC

WELL CONSTRUCTION LOG

Project	375 Michigan	Well ID	MW-3	Date	6/30/26
Location	RI-MW-3	Driller	Dylan	Logger	Will G.
Ground Elev.		TD		Borehole Dia.	4.25"
Well Dia.	2in PVC	Screen Interval	15'-25' BGS	TOC Elev.	

From	To	Lithology	PID	Sample	Notes
0.0'	1.5'	Fill; Sand; Some Gravel; little Clayey Silt	None	NA	Brick / concrete
1.5'	5.0'	Native; Silt & Clay; little Sand; little Gravel	None	NA	Dry
5.0'	10.0'	Native; Silty Clay; little Sand	None	NA	Damp
10.0'	15.0'	Native; Similar Soils	None	NA	Damp
15.0'	25.0'	Native; Clay & Silt; trace Sand	None	at 15' & 20'	Wet

Well Construction / Development Sketch



Screen Slot	0.010 in	Filter Pack	Clean Silica Sand	Seal	Bentonite
Bentonite		Grout	at casing	Development	Bailer - See log
Time	8:00-10:30	Water Removed	None	SWL	

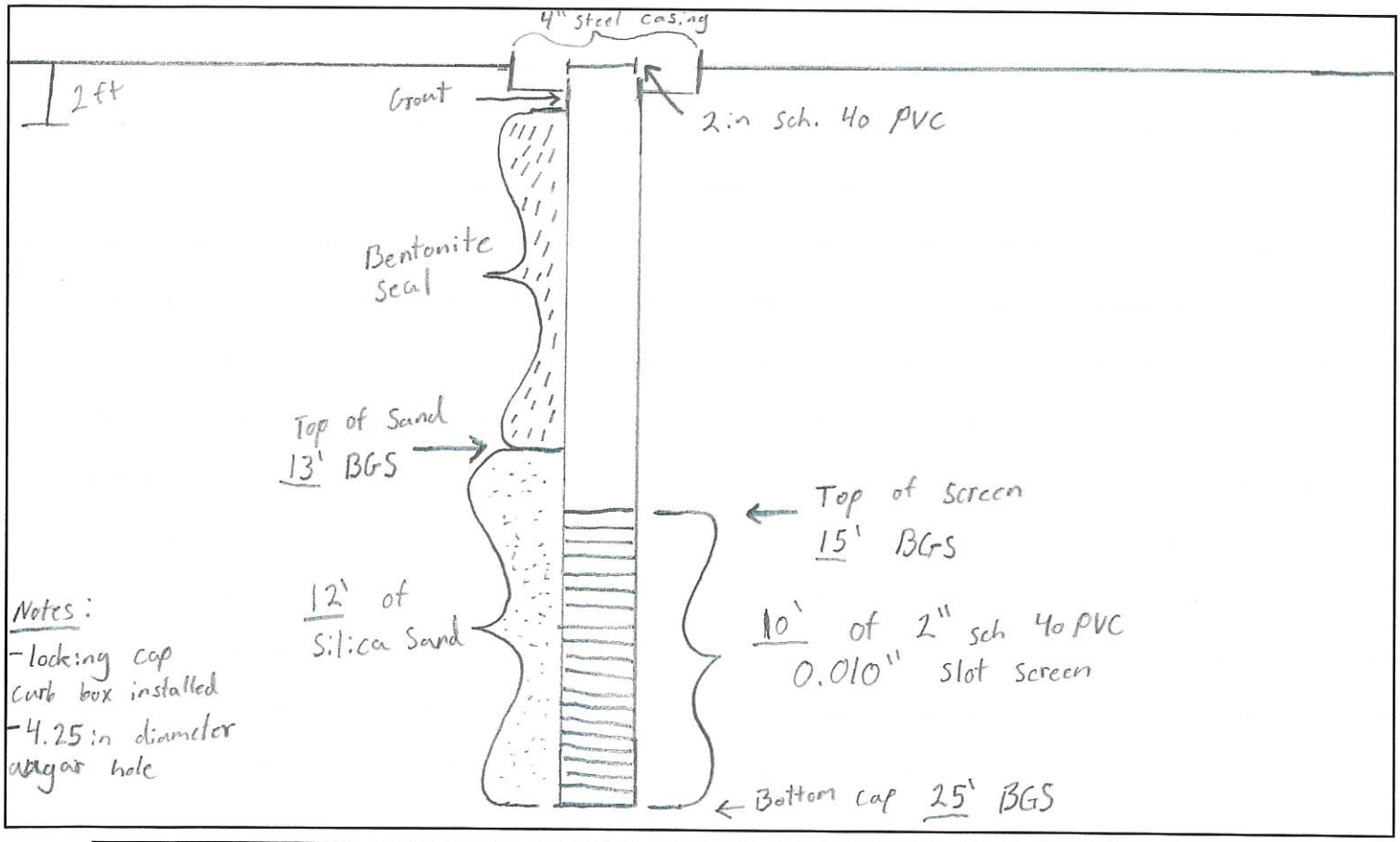
BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC

WELL CONSTRUCTION LOG

Project	375 Michigan	Well ID	MW-4	Date 6/30/26
Location	RI-MW-4	Driller	Dylan	Logger Will G
Ground Elev.		TD		Borehole Dia. 4.25"
Well Dia.	2in PVC	Screen Interval	15'-25' BGS	TOC Elev.

From	To	Lithology	PID	Sample	Notes
0.0'	2.0'	Fill; Sand; Some Gravel; little Clayey Silt	None	NA	Brick / Concrete
2.0'	5.0'	Native; Silt & Clay; Some Sand; little Gravel	None	NA	Dry
5.0'	10.0'	Native; Silt & Clay; little Sand; trace Gravel	None	NA	Dry
10.0	15.0'	Native; Clay & Silt; little Sand	None	NA	Moist
15.0'	25.0'	Native; Clay & Silt; trace Sand	None	at 20'	Moist / wet

Well Construction / Development Sketch



Screen Slot	0.010 in	Filter Pack	Clean Silica Sand	Seal Bentonite
Bentonite		Grout	in casing	Development Bailer - See log
Time	10:30-1:00	Water Removed	None	SWL

BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC

Appendix E

Well Development Logs

WELL DEVELOPMENT LOG

PROJECT TITLE: 375 Michigan Ave WELL NO.: RI-MW- 1

PROJECT NO.:

STAFF: Will Goldsmith

DATE(S): 7/8/26

DEVELOPMENT METHOD: Low Flow Peristaltic Pump, HDPE Tubing, Minimonsoon 12V downwell Pump, HDPE Tubing

			WELL ID.	VOL. (GAL/FT)
1. DEPTH TO WELL BOTTOM (FT. BTOR)	=	19.5 ft	1"	0.04
2. WATER LEVEL BELOW TOP OF RISER (FT. BTOR)	=	10.1 ft	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	9.4 ft	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GALLONS)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.60	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x_ x 3)	=	4.8	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL.)	=	5.0		

OR

$V = 0.0408 \times (\text{CASING DIAMETER})^2$

PARAMETERS	ACCUMULATED VOLUME PURGED (GALLONS)										
	1.5	3.0	4.5								
pH	7.28	7.32	7.33								
TEMPERATURE (°C)	17.1	15.1	14.8								
SPEC. COND. (mS/cm)	1766	1719	1730								
ORP (mV)	126.4	213.3	212.9								
DISSOLVED OXYGEN (mg/l)	7.66	8.22	8.04								
TURBIDITY (NTU)	176.32	201.8	221.4								
DEPTH TO WATER (btor)	11.6	12.0	13.6								
TIME	10:30	10:40	10:50								
DATE	7/8/26										

COMMENTS:

WELL DEVELOPMENT LOG

PROJECT TITLE: 375 Michigan Ave. WELL NO.: RI-MW-2

PROJECT NO.:

STAFF: Will Goldsmith

DATE(S): 7/8/26

DEVELOPMENT METHOD: Low Flow Peristaltic Pump, HDPE Tubing, Minimonsoon 12V downwell Pump, HDPE Tubing

			WELL ID.	VOL. (GAL/FT)
1. DEPTH TO WELL BOTTOM (FT. BTOR)	=	19.5 ft	1"	0.04
2. WATER LEVEL BELOW TOP OF RISER (FT. BTOR)	=	13.2 ft	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	6.3 ft	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GALLONS)	=	0.17 Gal/Ft	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	1.07 Gal	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x 3)	=	3.21	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL.)	=	3.5		

OR

$V=0.0408 \times (\text{CASING DIAMETER})^2$

PARAMETERS	ACCUMULATED VOLUME PURGED (GALLONS)										
	1.0	2.0	3.0								
pH	7.42	7.38	7.33								
TEMPERATURE (°C)	16.8	15.6	15.0								
SPEC. COND. (mS/cm)	1702	1687	1574								
ORP (mV)	128.6	116.0	95.0								
DISSOLVED OXYGEN (mg/l)	9.63	9.22	8.68								
TURBIDITY (NTU)	390.4	388.2	268.7								
DEPTH TO WATER (btor)	14.4	15.9	17.2								
TIME	9:00	9:10	9:20								
DATE	7/8/26										

COMMENTS:

WELL DEVELOPMENT LOG

PROJECT TITLE: 375 Michigan Ave. WELL NO.: RI-MW- 3

PROJECT NO.:

STAFF: Will Goldsmith

DATE(S): 7/8/26

DEVELOPMENT METHOD: Low Flow Peristaltic Pump, HDPE Tubing, Minimonsoon 12V downwell Pump, HDPE Tubing

			WELL ID.	VOL. (GAL/FT)
1. DEPTH TO WELL BOTTOM (FT. BTOR)	=	24.5	1"	0.04
2. WATER LEVEL BELOW TOP OF RISER (FT. BTOR)	=	5.6	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	18.9	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GALLONS)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	3.21	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x_ x 3)	=	9.63	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL.)	=	10.0		

OR

V=0.0408 x (CASING DIAMETER)²

PARAMETERS	ACCUMULATED VOLUME PURGED (GALLONS)										
	2.0	5.0	8.0	9.5							
pH	7.68	7.50	7.40	7.38							
TEMPERATURE (°C)	18.2	16.9	16.5	15.8							
SPEC. COND. (mS/cm)	1353	1403	1421.7	1449							
ORP (mV)	124.4	128.9	134.1	139.1							
DISSOLVED OXYGEN (mg/l)	8.30	8.68	8.72	8.81							
TURBIDITY (NTU)	80.42	108.81	144.73	183.26							
DEPTH TO WATER (btor)	6.3	7.4	11.8	16.6							
TIME	1:30	1:48	1:58	2:14							
DATE	7/8/26			—							

COMMENTS:

WELL DEVELOPMENT LOG

PROJECT TITLE: 375 Michigan Ave WELL NO.: RI-MW- 4

PROJECT NO.:

STAFF: Will Goldsmith

DATE(S): 7/8/26

DEVELOPMENT METHOD: Low Flow Peristaltic Pump, HDPE Tubing, Minimonsoon 12V downwell Pump, HDPE Tubing

			WELL ID.	VOL. (GAL/FT)
1. DEPTH TO WELL BOTTOM (FT. BTOR)	=	24.5	1"	0.04
2. WATER LEVEL BELOW TOP OF RISER (FT. BTOR)	=	9.8	2"	0.17
3. NUMBER OF FEET STANDING WATER (#1 - #2)	=	14.7	3"	0.38
4. VOLUME OF WATER/FOOT OF CASING (GALLONS)	=	0.17	4"	0.66
5. VOLUME OF WATER IN CASING (GAL.)(#3 x #4)	=	2.50	5"	1.04
6. VOLUME OF WATER TO REMOVE (GAL.)(#5 x_ x 3)	=	7.5	6"	1.50
7. VOLUME OF WATER ACTUALLY REMOVED (GAL.)	=	7.5		

OR

V=0.0408 x (CASING DIAMETER)²

PARAMETERS	ACCUMULATED VOLUME PURGED (GALLONS)										
	1.5	3.0	4.5	6.0	7.5						
pH	7.42	7.84	7.73	7.67	7.61						
TEMPERATURE (°C)	16.7	16.0	15.2	15.2	15.0						
SPEC. COND. (mS/cm)	1879	1835	1913	1969	2012						
ORP (mV)	137.4	143.7	162.3	170.1	178.8						
DISSOLVED OXYGEN (mg/l)	7.77	7.84	8.13	8.61	8.70						
TURBIDITY (NTU)	240.3	205.9	204.3	204.0	201.6						
DEPTH TO WATER (btor)	10.4	11.0	13.8	15.1	17.9						
TIME	11:30	11:40	11:45	11:50	11:55						
DATE	7-8-26			—	—						

COMMENTS:

Appendix F

Well Purge Logs

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 375 Michigan Ave Site: _____ Well I.D.: RI-MW-1

Date: 7/9 Sampling Personnel: Will Goldsmith Company: BE3 Corp

Purging/Sampling Device: Peristaltic Pump Tubing Type: HDPE + Silicone Pump/Tubing Inlet Location: Middle of Screen

Measuring Point: TOR Marking Initial Depth to Water: 12.5 Depth to Well Bottom: 19.5 Well Diameter: 2 in Screen Length: 10'

Casing Type: PVC Volume in 1 Well Casing ~~(liters)~~: 0.17 Estimated Purge Volume ~~(liters)~~: 3.6

Sample ID: RI-MW-2 Sample Time: 11:00 QA/QC: MS / MSD

Sample Parameters: Part 375 VOCs & TICs, SVOC & TICs, Metals, Pesticides, PCBs ,PFA's, 1-4 Dioxane, Total Cyanide

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
9:42	7.16	15.0		4.3	49.06	122.4	-	12.5 -
9:46	7.20	14.6	1804	3.84	60.5	87.5	400 -	12.8 -
9:49	7.21	14.1	1782	4.3	113.4	86.7	400 -	13.0 -
9:53	7.21	14.1	1771	4.71	149.6	89.9	300	13.2
9:57	7.20	14.0	1747	5.35	160.5	98.4	300	13.5
10:01	7.19	14.2	1729	5.67	190.2	105.5	300	13.8
10:05	7.19	14.1	1727	5.95	216.3	109.3	300	14.0
10:09	7.19	14.2	1717	6.11	193.12	116.1	300	14.2
10:13	7.18	14.3	1704	7.09	108.84	119.0	300	14.5
10:17	7.19	14.5	1703	7.29	110.66	121.4	300	14.6
10:21	7.19	14.4	1685	7.28	121.53	121.5	300	14.8
10:25	7.19	14.4	1673	7.27	138.41	120.4	300	15.0
10:29	7.18	14.4	1676	7.18	147.60	121.2	300	15.2
10:33	7.19	14.4	1683	7.30	160.21	119.6	300	15.5
10:37	7.19	14.4	1690	7.29	180.10	118.3	300	15.7
10:41	7.20	14.3	1695	7.32	187.36	118.4	300	15.9
10:44	7.20	14.3	1696	7.28	170.45	118.9	300	16.0
10:48	7.20	14.2	1697	7.30	176.32	120.8	300	16.2
10:51	7.20	14.2	1701	7.32	178.58	119.4	300	16.3
10:55	7.20	14.1	1704	7.29	180.31	118.8	300	16.5
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft ($vol_{cyl} = \pi r^2 h$)

Remarks:

6 in of water remaining after sampling

Finish 12.45

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 375 Michigan Ave Site: _____ Well I.D.: RI-MW-2

Date: 7/10 Sampling Personnel: Will Goldsmith Company: BE3 Corp

Purging/Sampling Device: Peristaltic Pump Tubing Type: HDPE + Silicone Pump/Tubing Inlet Location: Middle of Screen

Measuring Point: TOR Marking Initial Depth to Water: 16.0 Depth to Well Bottom: 19.5 Well Diameter: 2 in Screen Length: 10'

Casing Type: PVC Volume in 1 Well Casing (liters): 0.17 Estimated Purge Volume (liters): 1.0

Sample ID: MW-2 Sample Time: 10:00 QA/QC: _____

Sample Parameters: Part 375 VOCs & TICs, SVOC & TICs, Metals, Pesticides, PCBs ,PFA's, 1-4 Dioxane, Total Cyanide

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
9:00	7.65	18	1770	8.38	36.84	74.9	100 -	16.0 -
9:05	7.50	14.4	1675	7.82	10.47	100.7	110 -	16.5 -
9:10	7.56	14.3	1718	7.85	8.36	109.7	100 -	16.7 -
9:15	7.49	14.2	1761	8.10	8.36	115.2	100	16.9
9:20	7.49	14.3	1789	8.24	8.47	118.7	100	17.2
9:25	7.49	14.4	1796	8.33	8.36	121.7	100	17.3
9:30	7.48	14.7	1796	8.37	9.46	123.7	100	17.5
9:35	7.49	14.7	1790	8.43	9.36	125.4	150	17.6
9:40	7.48	15.3	1781	8.37	2.63	127.1	100	17.8
9:45	7.48	15.3	1771	8.39	9.72	127.7	100	17.9
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft ($vol_{cyl} = \pi r^2 h$)

Remarks:

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 375 Michigan Ave Site: _____ Well I.D.: RI-MW-3

Date: 7/10 Sampling Personnel: Will Goldsmith Company: BE3 Corp

Purging/Sampling Device: Peristaltic Pump Tubing Type: HDPE + Silicone Pump/Tubing Inlet Location: Middle of Screen

Measuring Point: TOR Marking Initial Depth to Water: 12.7 Depth to Well Bottom: 24.5 Well Diameter: 2 in Screen Length: 10'

Casing Type: PVC Volume in 1 Well Casing (~~liters~~): ~~0.24~~ 0.17 Estimated Purge Volume (~~liters~~): 1.8

Sample ID: RI-MW-3 Sample Time: 11:45 QA/QC: -

Sample Parameters: Part 375 VOCs & TICs, SVOC & TICs, Metals, Pesticides, PCBs ,PFA's, 1-4 Dioxane, Total Cyanide

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
11:00	7.68	14.8	1318	8.93	53.05	129.8	150 -	12.7 -
11:05	7.66	13.7	1298	9.08	13.61	134.6	100 -	13.0 -
11:10	7.64	13.6	1296	9.08	11.22	136.4	100 -	13.2 -
11:15	7.63	13.7	1304	9.03	12.69	137.4	100	13.4
11:20	7.61	14.0	1310	9.02	16.35	138.3	100	13.6
11:25	7.59	13.8	1329	9.04	14.96	139.5	100	13.8
11:30	7.58	14.1	1335	9.00	18.74	140.2	100	13.9
11:35	7.56	14.1	1340	9.05	22.00	141.1	100	14.0
11:40	7.55	14.0	1341	9.09	25.26	141.9	100	14.2
11:45	7.55	14.2	1342	9.01	23.72	142.3	100	14.3
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft ($vol_{cyl} = \pi r^2 h$)

Remarks:

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 375 Michigan Ave Site: _____ Well I.D.: RI-MW- 4

Date: 7/9 Sampling Personnel: Will Goldsmith Company: BE3 Corp

Purging/Sampling Device: Peristaltic Pump Tubing Type: HDPE + Silicone Pump/Tubing Inlet Location: Middle of Screen

Measuring Point: TOR Marking Initial Depth to Water: 14.2 Depth to Well Bottom: 24.5 Well Diameter: 2 in Screen Length: 10'

Casing Type: PVC Volume in 1 Well Casing (~~liters~~): 0.17 Estimated Purge Volume (liters): ~~5.4~~ 1.5

Sample ID: MW- 4 Sample Time: 2:00 QA/QC: Dup/MS/MSD

Sample Parameters: Part 375 VOCs & TICs, SVOC & TICs, Metals, Pesticides, PCBs ,PFA's, 1-4 Dioxane, Total Cyanide

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
2:30	7.63	14.9	1883	7.93	44.20	75.7	50 -	14.2-
2:35	7.59	14.2	1873	8.45		98.4	100 -	14.6-
2:40	7.56	13.7	1883	8.93		75.7	100 -	15.4
2:45	7.54	13.7	1873	8.45		98.4	100	15.8
2:50	7.51	13.7	1898	8.50		111.2	150	16.3
2:55	7.50	13.8	1883	9.06		117.1	150	16.7
3:00	7.51	13.8	1952	9.09		116.2	150	17.2
3:05	7.52	13.8	1975	9.07		111.2	100	17.4
3:10	7.53	13.9	1901	8.93		113.3	100	17.7
3:15	7.54	13.9	1968	8.95		117.0	100	18.1
3:20	7.55	14.0	1879	8.96		120.3	150	18.5
3:25	7.56	14.0	1909	8.92		123.6	100	18.9
3:30	7.55	13.9	1904	8.86		125.3	100	19.2
3:35	7.55	13.9	1893	8.81		127.1	160	
3:40	7.55	13.9	1897	8.88		128.6	100	
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	---	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft ($vol_{cyl} = \pi r^2 h$)

Remarks:

Appendix G

Vapor Point Construction Logs

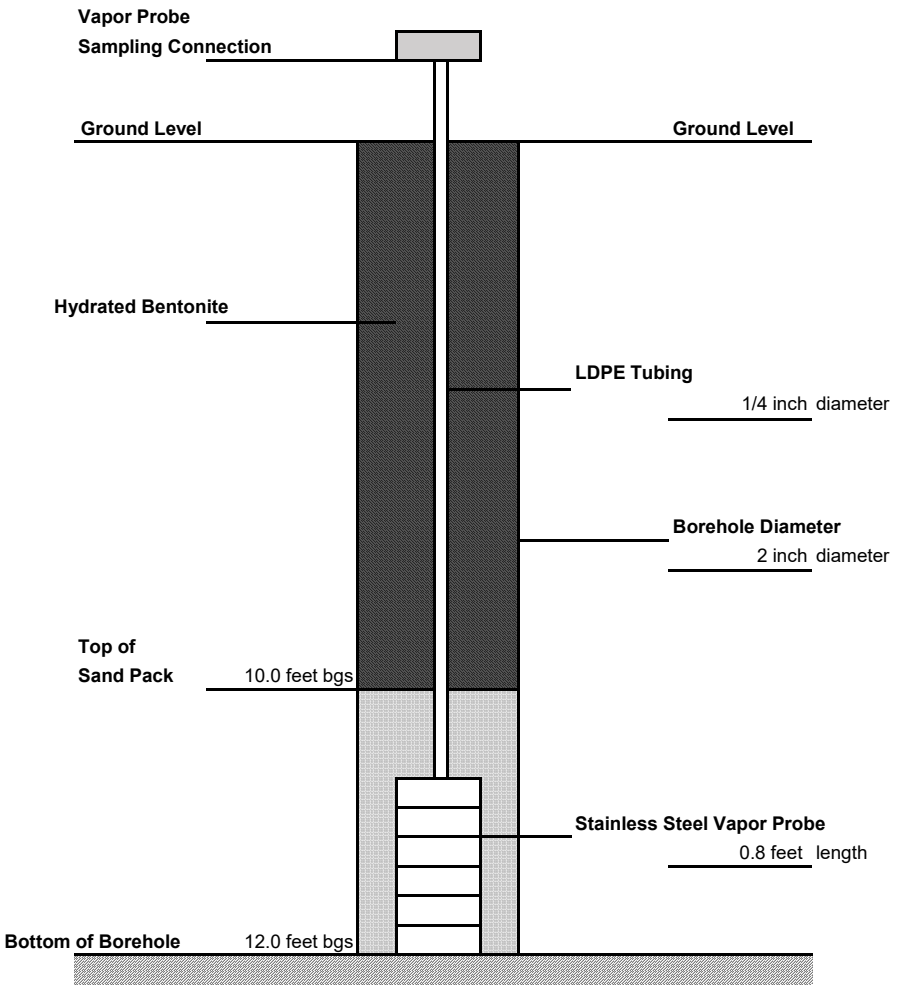
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 10 feet bgs	**Setting:** 10 to 12 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-1**

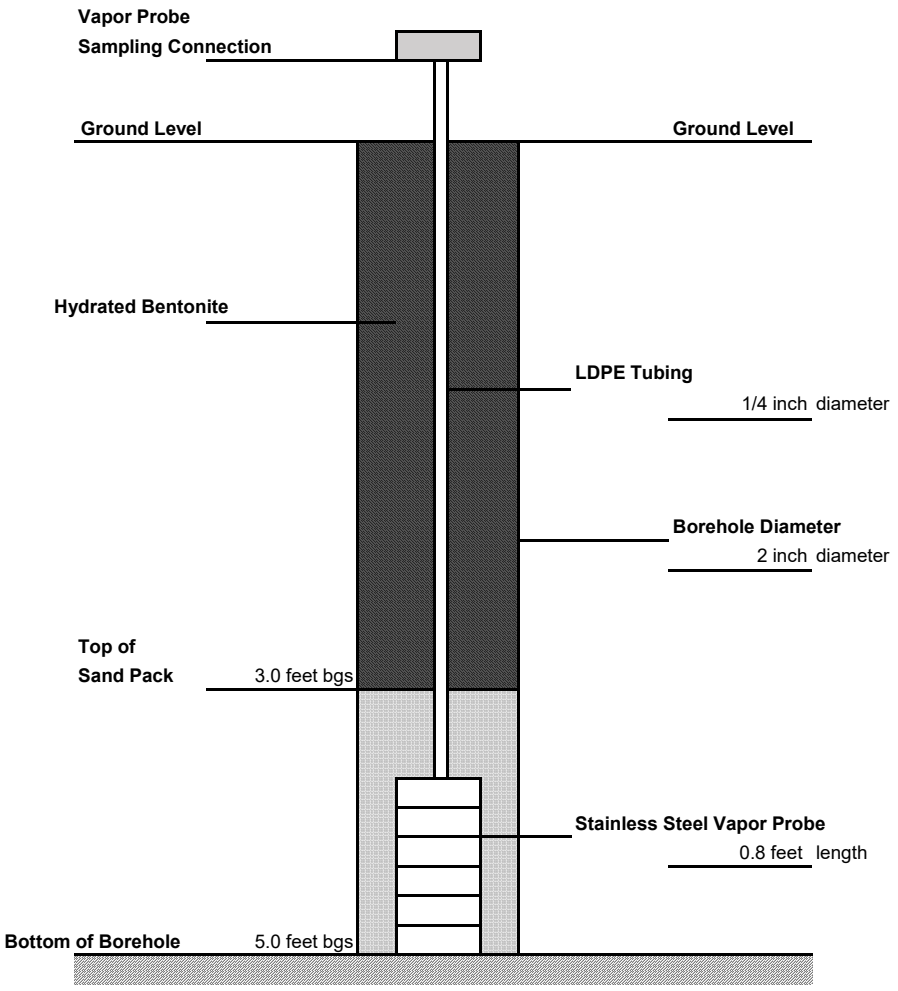
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 3 feet bgs	**Setting:** 3 to 5 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-2**

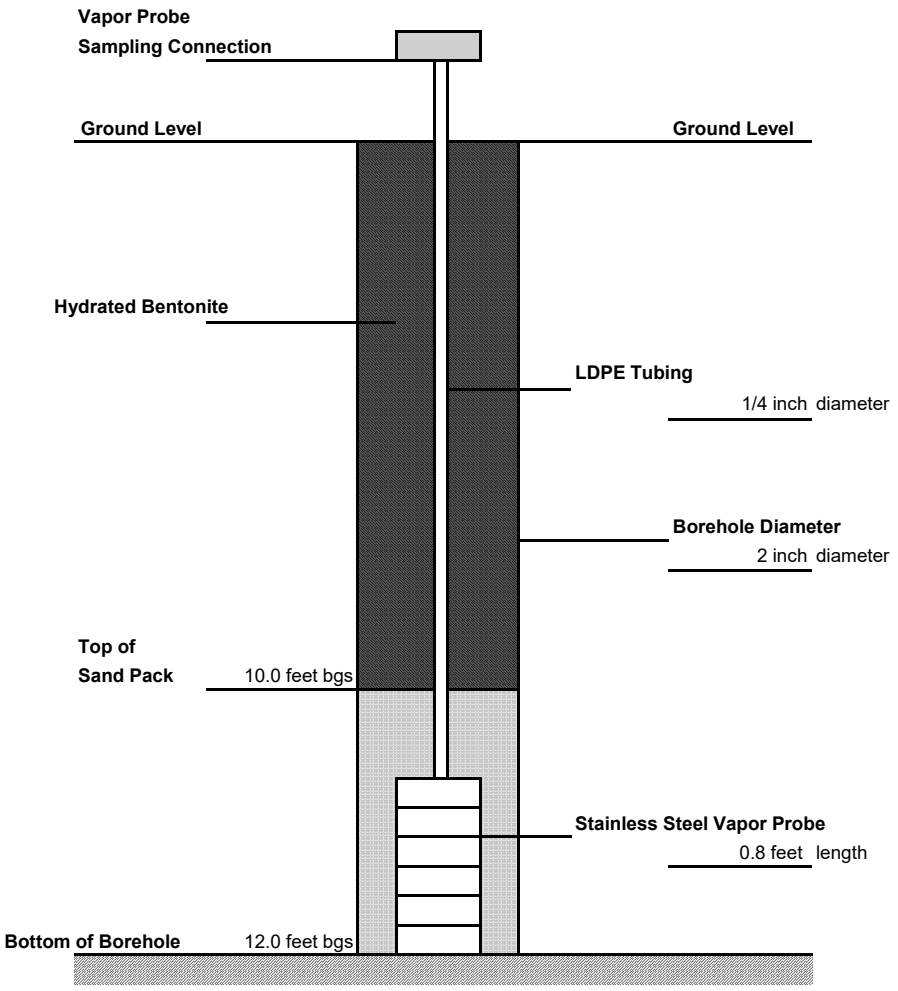
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 10 feet bgs	**Setting:** 10 to 12 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-3**

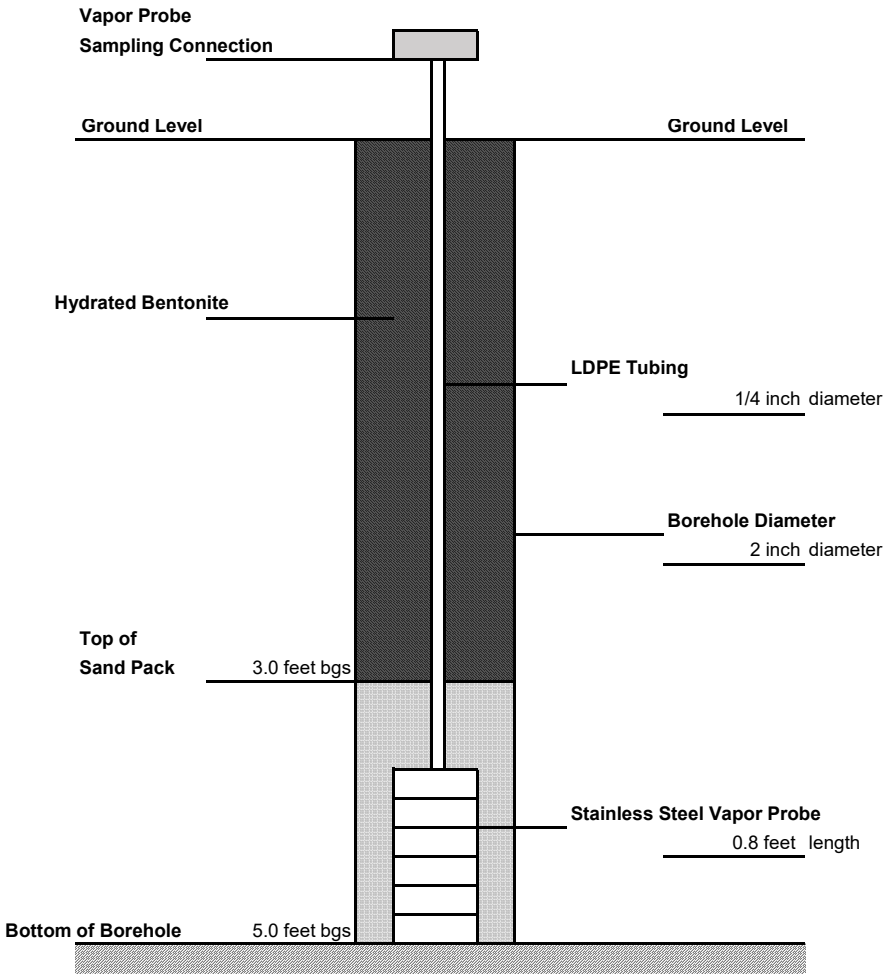
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 3 feet bgs	**Setting:** 3 to 5 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-4**

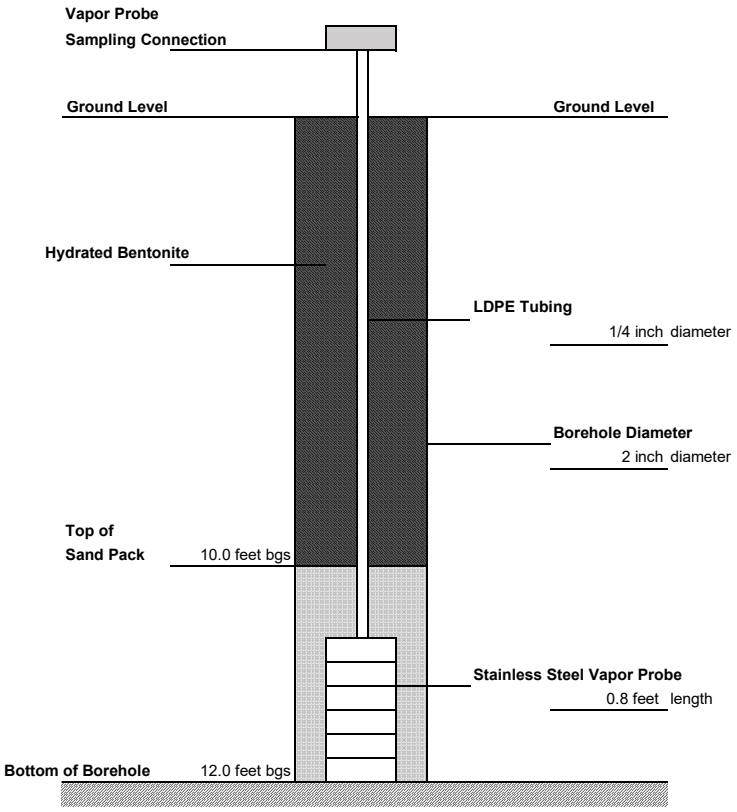
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 10 feet bgs	**Setting:** 10 to 12 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-5**

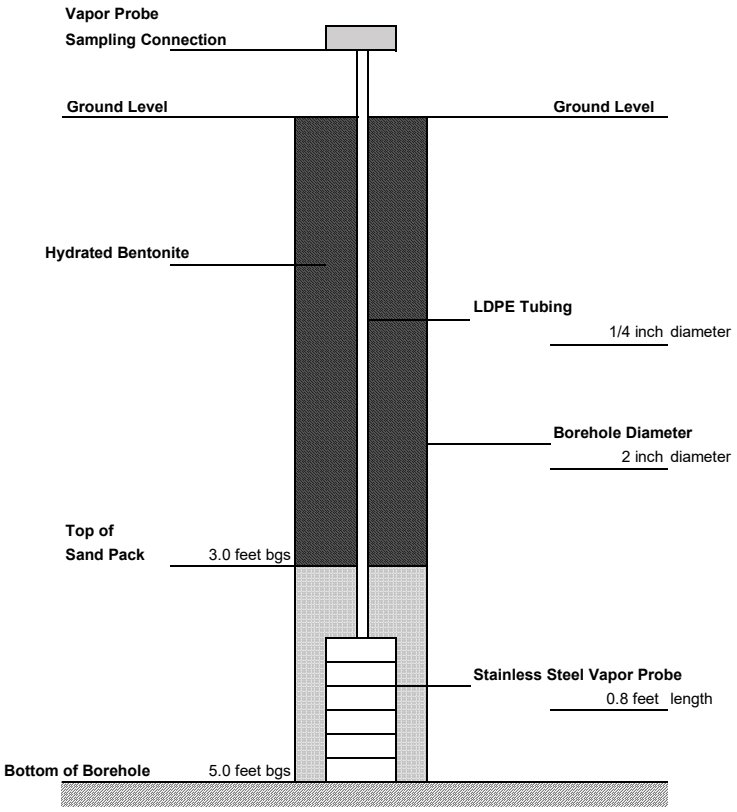
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 3 feet bgs	**Setting:** 3 to 5 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-6**

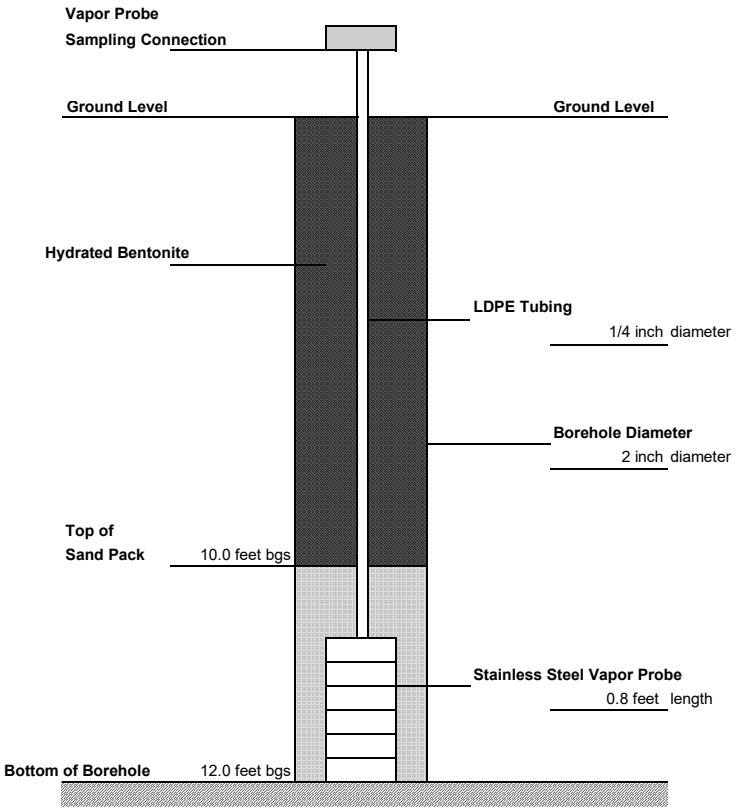
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 10 feet bgs	**Setting:** 10 to 12 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-7**

Appendix H

Geophysical Survey

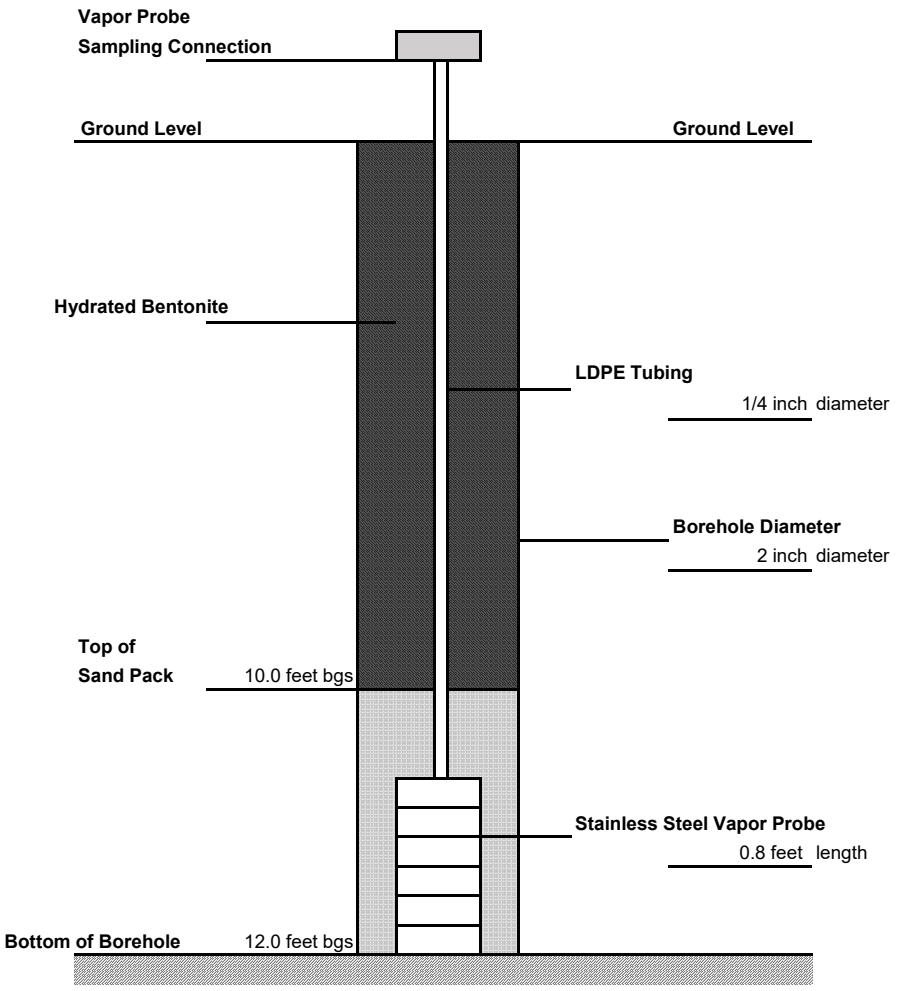
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 10 feet bgs	**Setting:** 10 to 12 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-1**

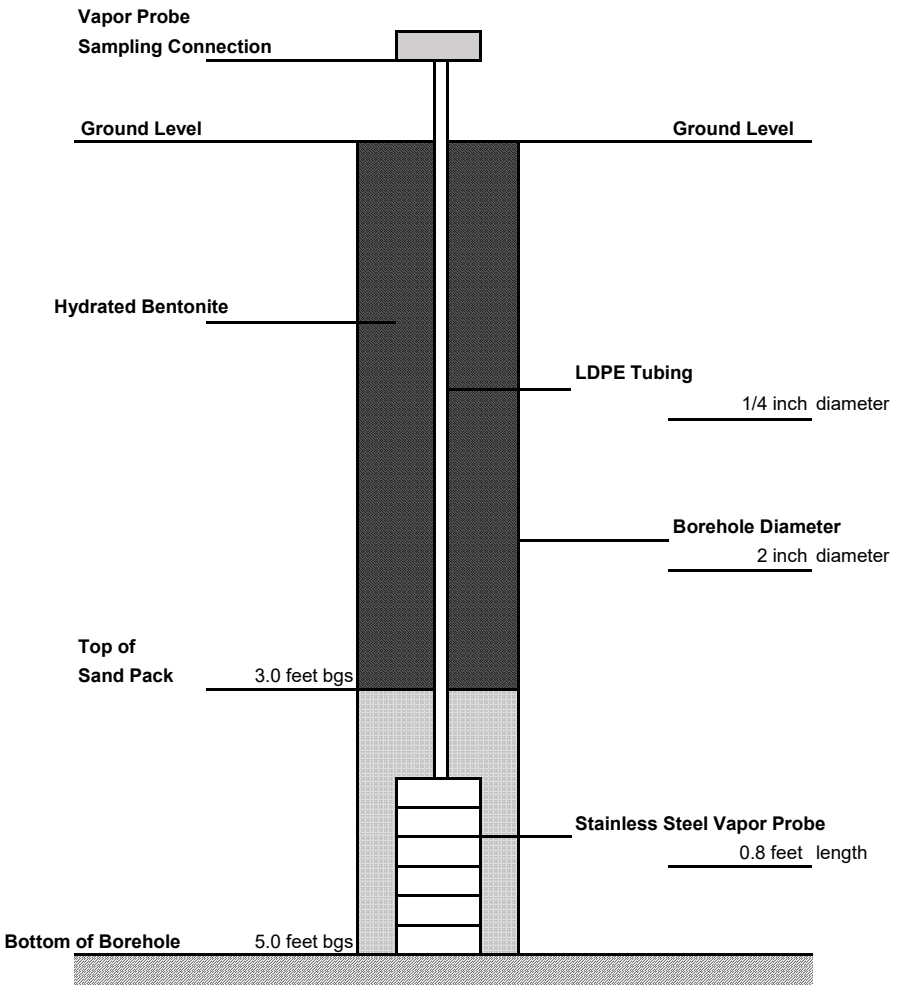
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 3 feet bgs	**Setting:** 3 to 5 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-2**

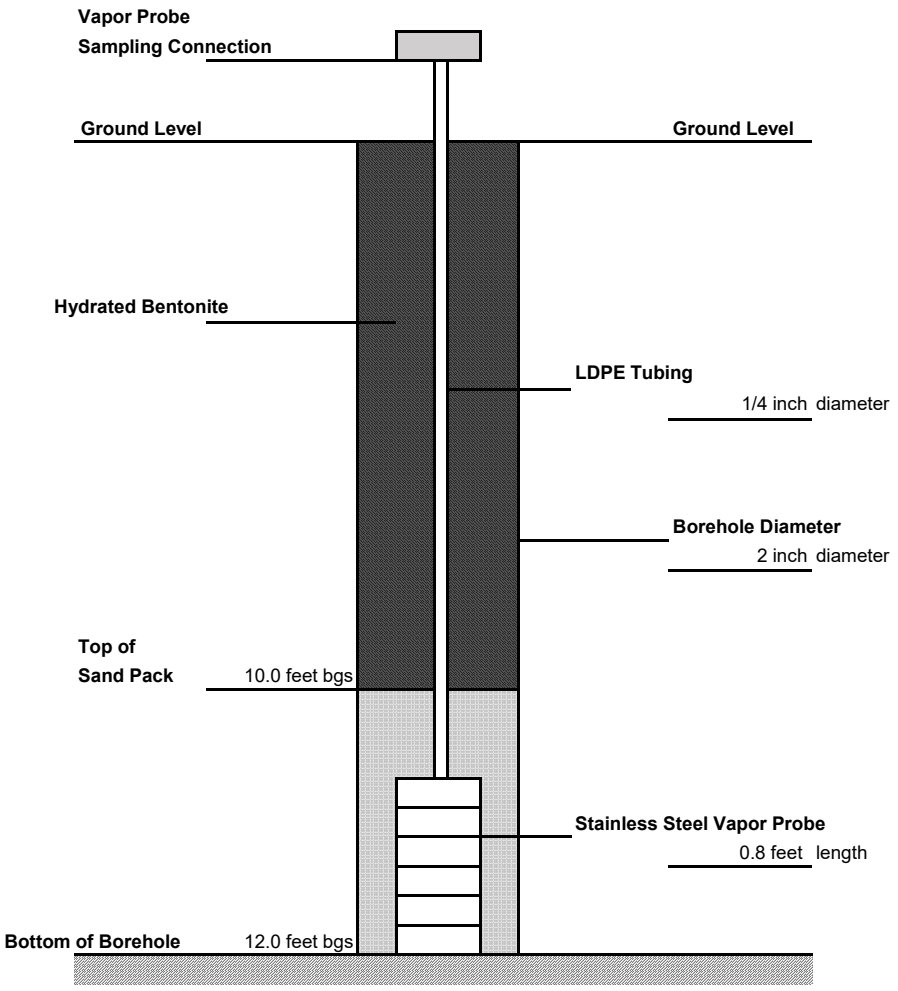
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 10 feet bgs	**Setting:** 10 to 12 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-3**

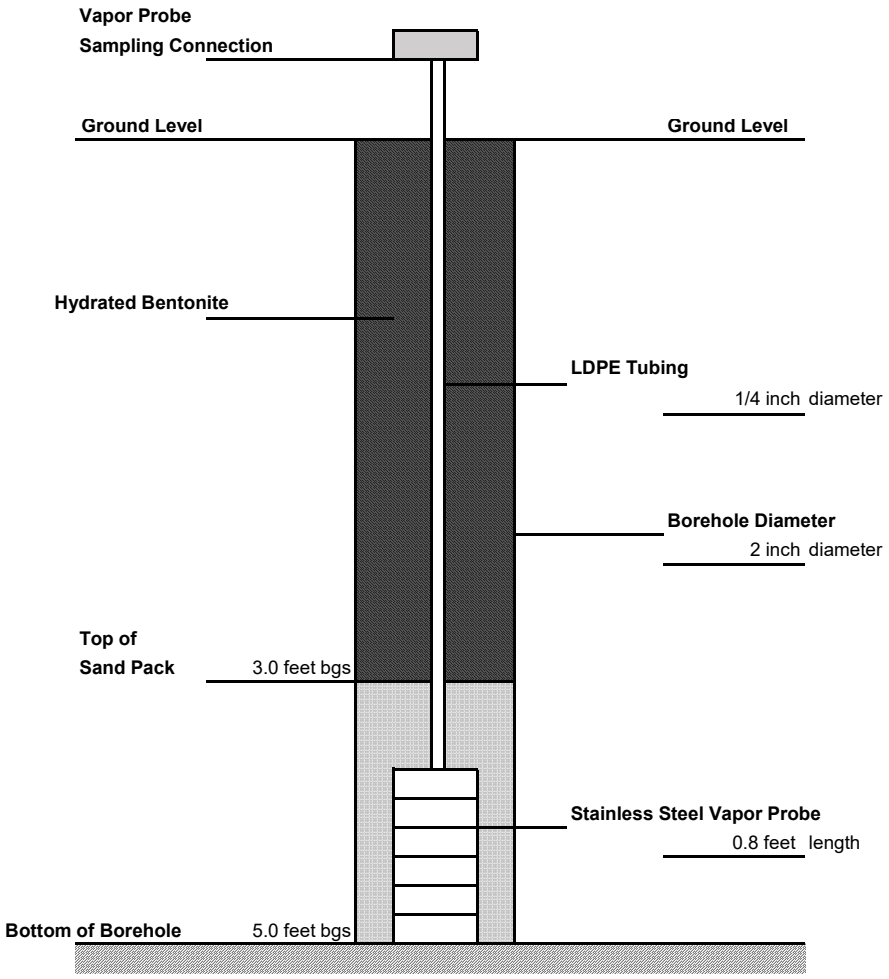
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 3 feet bgs	**Setting:** 3 to 5 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-4**

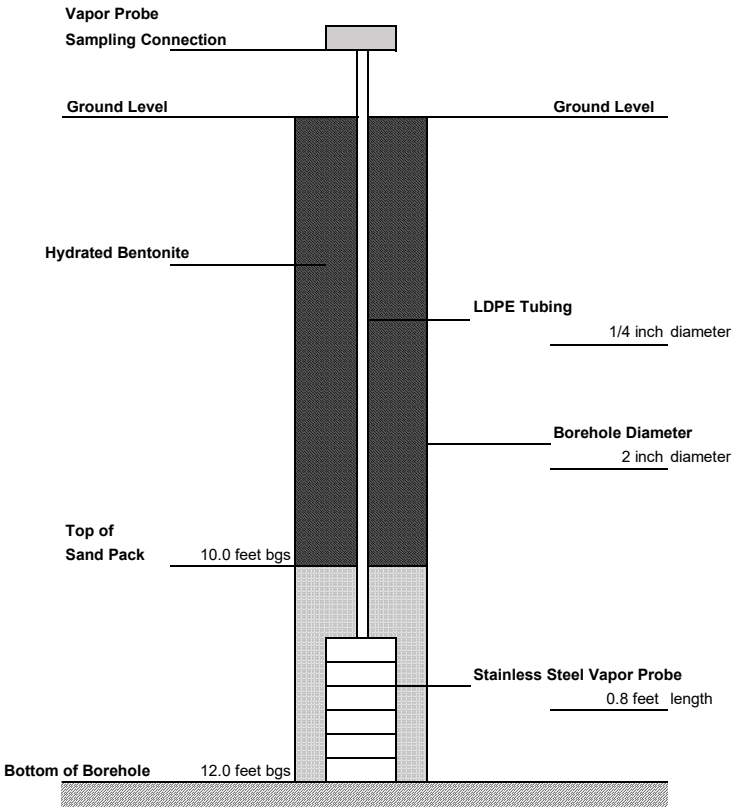
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 10 feet bgs	**Setting:** 10 to 12 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-5**

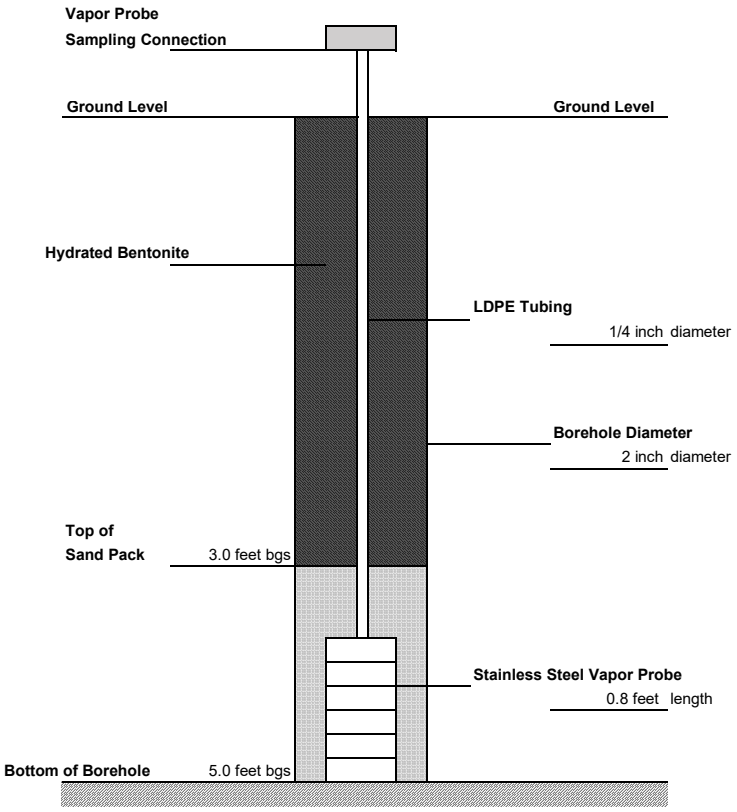
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 3 feet bgs	**Setting:** 3 to 5 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-6**

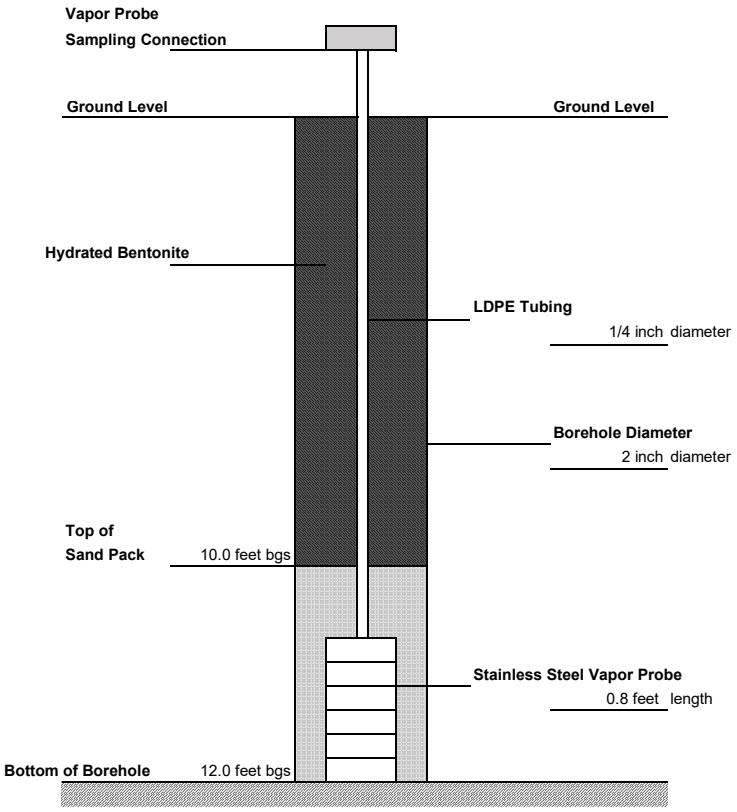
DRILLING SUMMARY

Geologist:	Will Goldsmith
Contractor:	Sessler
Operator:	Chris
Model:	6011DT Geoprobe
Date:	6/30/2026

GEOLOGIC LOG

Depth(ft.)	Description
	N/A

DEPTH



PROBE DESIGN

CASING MATERIAL	SEAL MATERIAL	FILTER MATERIAL
Surface: N/A	**Type:** Bentonite Chips	**Type:** #0 Sand
	Setting: 0 to 10 feet bgs	**Setting:** 10 to 12 feet bgs

COMMENTS:

LEGEND

- Bentonite Chip Seal
- Sand Pack

Client: Beacon	**Location:** 375 Michigan	**Project No.** C915417
BE3 BRYDGES ENGINEERING IN ENVIRONMENT AND ENERGY, DPC	**SOIL VAPOR PROBE CONSTRUCTION DETAILS**	**Probe Number: RI-VP-7**

Appendix I

Radiation Survey

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

RADIOLOGICAL SURVEY FORM

Area/Item Surveyed			Survey #	Date
375 Michigan ave Buffalo NY			375 Mich-1	7/31/2026
Type of Survey Gamma survey			**Project Name and #** 375 Michigan	
Meter Model	**Detector Model**	**Cal. Due Date**	**Efficiency**	
2221	44-10	6/15/2027	Cs 137 4π/0.73%	
Serial #	**Serial #**	**Bkgd. (cpm)**	**Direct/Smear/Wipe/Dose**	
99148	PR395114	See below	Direct	

ILLUSTRATION/COMMENTS:

A test pit gamma survey was performed at 375 Michigan Ave BCP project based upon DEC observing slag like material within and around TT-4.

The background location was chosen off-site to the north where five, 1-minute counts were taken on the surface to establish background. 1-5863 counts per minute (cpm), 2-5941 cpm, 3-6208 cpm, 4-5950 cpm and 5-6104 cpm. They average out to a background of **6,013 cpm.** In-situ gamma background within the trench was obtained with the following five, 1-minute counts: 1-10567 cpm, 2-10105 cpm, 3-10940, 4-11090 cpm and 5-10491 cpm that averaged **10,638 cpm**. Action levels based on background reading are slated as 1.5 times the average; **15,957 cpm**. Exterior bucket background was also obtained and these reading were 1-6076 cpm, 2-7209 cpm, 3-6476 cpm, 4-7354 cpm and 5-7535 cpm for an average of **6,930 cpm**.

After completing the background survey crew transitioned to performing a test trench around Test Trench 4 from the previous site investigation at which potential TENORM was observed on site. The readings during the performance of this test pit were consistent with those seen during the background investigation. Surficial readings were between **5k-8k cpm**. In-situ trench readings were between **9-12k cpm**. And readings in the bucket ranged from **5.5k- 8.5 k cpm**. No readings were above 1.5 times background at any point during the test pitting exercise.

RCT Name and Signature	**Date**
James Hull	8/3/2026
Supervisor Name and Signature Jason M Brydges 	**Date** 8/11/2026



LEGEND

- BCP Site Boundary
- Proximate TT-4 Area
- Background location

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

960 Busti Avenue
Buffalo, NY 14213
716.249.6880
jbrydges@be3corp.com

CLIENT - BEACON COMMUNITIES

Figure
Gamma Survey Area
375 Michigan Avenue
Buffalo, NY 14203

N

DATE ISSUED:
June 4, 2026

Scale: 1:1,146

BRYDGES ENGINEERING
IN ENVIRONMENT AND ENERGY, DPC

960 Busti Ave.
Buffalo, New York 14213

Photo Log

Date:	Friday, July 31, 2026
Site Name:	375 Michigan



1. Background gamma radiation location on north side of site



2. Surveying buckets from TT-4 as excavation continues through suspected slag.



3. TT-4 excavation as it progresses towards native material



4. Closeup of gamma radiation in-situ test pit material

Appendix J

DER-10 – Appendix 3C

Decision Key

Appendix 3C Fish and Wildlife Resources Impact Analysis Decision Key	If YES Go to:	If NO Go to:
1. Is the site or area of concern a discharge or spill event?	13	2
2. Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas.	13	3
3. Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?	4	9
4. Does the site contain habitat of an endangered, threatened or special concern species?	Section 3.10.1	5
5. Has the contamination gone off-site?	6	14
6. Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination?	7	14
7. Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances?	Section 3.10.1	8
8. Does contamination exist at concentrations that could exceed ecological impact SCGs or be toxic to aquatic life if discharged to surface water?	Section 3.10.1	14
9. Does the site or any adjacent or downgradient property contain any of the following resources? i. Any endangered, threatened or special concern species or rare plants or their habitat ii. Any DEC designated significant habitats or rare NYS Ecological Communities iii. Tidal or freshwater wetlands iv. Stream, creek or river v. Pond, lake, lagoon vi. Drainage ditch or channel vii. Other surface water feature viii. Other marine or freshwater habitat ix. Forest x. Grassland or grassy field xi. Parkland or woodland xii. Shrubby area xiii. Urban wildlife habitat xiv. Other terrestrial habitat	11	10
10. Is the lack of resources due to the contamination?	3.10.1	14
11. Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources?	14	12
12. Does the site have widespread surface soil contamination that is not confined under and around buildings or paved areas?	Section 3.10.1	12
13. Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact DEC for information regarding endangered species.)	Section 3.10.1	14
14. No Fish and Wildlife Resources Impact Analysis needed.		

Appendix K

Laboratory Analytical Data

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo, New York 14213

Generated 7/15/2026 1:29:14 AM

JOB DESCRIPTION

375 Michigan Remedial Investigation

JOB NUMBER

480-240008-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
7/15/2026 1:29:14 AM

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A- L low-level specifications.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

LCMS

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
I	Ion ratio outside limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-240008-1 Eurofins Buffalo

Job Narrative
480-240008-1

Receipt
The samples were received on 6/29/2026 5:15 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 24.7º C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for preparation batch 480-779855 and analytical batch 480-779859 recovered outside control limits for the following analyte: Chloromethane. This analyte is biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The associated samples are: RI-MW-1 (480-240008-1), RI-MW-2 (480-240008-2), RI-MW-3 (480-240008-3) and RI-MW-4 (480-240008-4)

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779859 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethene, 2-Butanone (MEK), Carbon disulfide, Carbon tetrachloride, Chloromethane, cis-1,3-Dichloropropene, Cyclohexane, Dichlorodifluoromethane, Methylcyclohexane, Trichloroethene, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects above the reporting limits for the affected analytes; therefore, the data have been reported. The associated samples are:RI-MW-1 (480-240008-1), RI-MW-2 (480-240008-2), RI-MW-3 (480-240008-3) and RI-MW-4 (480-240008-4).

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779859 recovered outside acceptance criteria, low biased, for 1,2,4-Trichlorobenzene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are:RI-MW-1 (480-240008-1), RI-MW-2 (480-240008-2), RI-MW-3 (480-240008-3) and RI-MW-4 (480-240008-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 480-779734 recovered above the upper control limit for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:RI-MW-1 (480-240008-1), RI-MW-2 (480-240008-2), RI-MW-3 (480-240008-3) and RI-MW-4 (480-240008-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-779918 is outside the acceptance criteria for the following analytes: Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 480-779852 and analytical batch 480-779868 was outside control limits. Sample matrix interference is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.1	J vs	30	5.1	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.93	J B vs	6.0	0.37	ug/Kg	1	☼	EPA 8260D	Total/NA
Aluminum	14900		11.9	10.2	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.5		2.4	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	104		0.59	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.58		0.24	0.047	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.25		0.24	0.083	mg/Kg	1	☼	6010D	Total/NA
Calcium	72000		59.3	32.0	mg/Kg	1	☼	6010D	Total/NA
Chromium	17.7		0.59	0.43	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.4		0.59	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	13.5		1.2	0.68	mg/Kg	1	☼	6010D	Total/NA
Iron	16700		11.9	10.1	mg/Kg	1	☼	6010D	Total/NA
Lead	8.6		1.2	0.55	mg/Kg	1	☼	6010D	Total/NA
Magnesium	31600		23.7	10.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	416		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Nickel	14.2		5.9	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	5370		35.6	28.8	mg/Kg	1	☼	6010D	Total/NA
Sodium	477		166	72.7	mg/Kg	1	☼	6010D	Total/NA
Vanadium	28.6		0.59	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	62.3		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.015	J	0.024	0.0054	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.0	J vs	31	5.2	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.99	J B vs	6.2	0.38	ug/Kg	1	☼	EPA 8260D	Total/NA
Aluminum	19900		12.1	10.4	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.6		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	128		0.60	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.77		0.24	0.048	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.29		0.24	0.085	mg/Kg	1	☼	6010D	Total/NA
Calcium	66100		60.4	32.6	mg/Kg	1	☼	6010D	Total/NA
Chromium	22.3		0.60	0.43	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.6		0.60	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	16.5		1.2	0.69	mg/Kg	1	☼	6010D	Total/NA
Iron	20800		12.1	10.2	mg/Kg	1	☼	6010D	Total/NA
Lead	9.0		1.2	0.56	mg/Kg	1	☼	6010D	Total/NA
Magnesium	29100		24.2	10.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	464		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Nickel	18.8		6.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	7170		36.2	29.3	mg/Kg	1	☼	6010D	Total/NA
Sodium	552		169	74.0	mg/Kg	1	☼	6010D	Total/NA
Vanadium	35.8		0.60	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	71.8		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.013	J	0.025	0.0058	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	10	J vs	29	5.0	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.91	J B vs	5.9	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: RI-MW-3 (Continued)
Lab Sample ID: 480-240008-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	16800		12.1	10.4	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.4		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	113		0.61	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.65		0.24	0.048	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.27		0.24	0.085	mg/Kg	1	☼	6010D	Total/NA
Calcium	71400		60.6	32.7	mg/Kg	1	☼	6010D	Total/NA
Chromium	19.7		0.61	0.44	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.3		0.61	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	15.1		1.2	0.69	mg/Kg	1	☼	6010D	Total/NA
Iron	18100		12.1	10.3	mg/Kg	1	☼	6010D	Total/NA
Lead	10.2		1.2	0.56	mg/Kg	1	☼	6010D	Total/NA
Magnesium	31500		24.2	10.3	mg/Kg	1	☼	6010D	Total/NA
Manganese	435		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Nickel	16.2		6.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	6110		36.4	29.4	mg/Kg	1	☼	6010D	Total/NA
Sodium	499		170	74.3	mg/Kg	1	☼	6010D	Total/NA
Vanadium	30.7		0.61	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	69.7		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.019	J	0.028	0.0065	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J vs	29	5.0	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.87	J B vs	5.9	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
Aluminum	17400		11.7	10.1	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.7		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	94.5		0.59	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.69		0.23	0.047	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.25		0.23	0.082	mg/Kg	1	☼	6010D	Total/NA
Calcium	64200		58.5	31.6	mg/Kg	1	☼	6010D	Total/NA
Chromium	20.1		0.59	0.42	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.3		0.59	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	15.2		1.2	0.67	mg/Kg	1	☼	6010D	Total/NA
Iron	19800		11.7	9.9	mg/Kg	1	☼	6010D	Total/NA
Lead	10.2		1.2	0.54	mg/Kg	1	☼	6010D	Total/NA
Magnesium	28100		23.4	9.9	mg/Kg	1	☼	6010D	Total/NA
Manganese	452		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Nickel	17.5		5.9	0.29	mg/Kg	1	☼	6010D	Total/NA
Potassium	6050		35.1	28.4	mg/Kg	1	☼	6010D	Total/NA
Sodium	528		164	71.7	mg/Kg	1	☼	6010D	Total/NA
Vanadium	32.2		0.59	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	73.1		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.011	J	0.023	0.0054	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1
Date Collected: 06/29/26 10:15
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 83.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.0	0.44	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,1,2,2-Tetrachloroethane	ND	vs	6.0	0.98	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.0	1.4	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,1,2-Trichloroethane	ND	vs	6.0	0.78	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,1-Dichloroethane	ND	vs	6.0	0.73	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,1-Dichloroethene	ND	vs	6.0	0.74	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,2,4-Trichlorobenzene	ND	vs	6.0	0.37	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.0	3.0	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,2-Dichlorobenzene	ND	vs	6.0	0.47	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,2-Dichloroethane	ND	vs	6.0	0.30	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,2-Dichloropropane	ND	vs	6.0	3.0	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,3-Dichlorobenzene	ND	vs	6.0	0.31	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,4-Dichlorobenzene	ND	vs	6.0	0.84	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
2-Butanone (MEK)	ND	vs	30	2.2	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	2.0	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Acetone	**8.1**	**J vs**	30	5.1	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Benzene	ND	vs	6.0	0.30	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Bromoform	ND	vs	6.0	3.0	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Bromomethane	ND	vs	6.0	0.54	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Carbon disulfide	ND	vs	6.0	3.0	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Carbon tetrachloride	ND	vs	6.0	0.58	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Chlorobenzene	ND	vs	6.0	0.80	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Dibromochloromethane	ND	vs	6.0	0.77	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Chloroethane	ND	vs	6.0	1.4	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Chloroform	**0.93**	**J B vs**	6.0	0.37	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Chloromethane	ND	*+ vs	6.0	0.36	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
cis-1,2-Dichloroethene	ND	vs	6.0	0.77	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Cyclohexane	ND	vs	6.0	0.84	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Bromodichloromethane	ND	vs	6.0	0.81	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Dichlorodifluoromethane	ND	vs	6.0	0.50	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Ethylbenzene	ND	vs	6.0	0.42	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
1,2-Dibromoethane	ND	vs	6.0	0.77	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Isopropylbenzene	ND	vs	6.0	0.91	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Methyl tert-butyl ether	ND	vs	6.0	0.59	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Methylcyclohexane	ND	vs	6.0	0.92	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Methylene Chloride	ND	vs	6.0	2.8	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Tetrachloroethene	ND	vs	6.0	0.81	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Toluene	ND	vs	6.0	0.46	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
trans-1,2-Dichloroethene	ND	vs	6.0	0.62	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
trans-1,3-Dichloropropene	ND	vs	6.0	2.7	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Trichloroethene	ND	vs	6.0	1.3	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Trichlorofluoromethane	ND	vs	6.0	0.57	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Vinyl chloride	ND	vs	6.0	0.73	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
cis-1,3-Dichloropropene	ND	vs	6.0	0.87	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1
Styrene	ND	vs	6.0	0.30	ug/Kg	☼	07/02/26 18:25	07/02/26 23:26	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1
Date Collected: 06/29/26 10:15
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 83.0

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	07/02/26 18:25	07/02/26 23:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	07/02/26 18:25	07/02/26 23:26	1
4-Bromofluorobenzene (Surr)	103		72 - 126	07/02/26 18:25	07/02/26 23:26	1
Toluene-d8 (Surr)	86		71 - 125	07/02/26 18:25	07/02/26 23:26	1
Dibromofluoromethane (Surr)	105		60 - 140	07/02/26 18:25	07/02/26 23:26	1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
bis (2-chloroisopropyl) ether	ND		200	41	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2,4,5-Trichlorophenol	ND		200	41	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2,4,6-Trichlorophenol	ND		200	31	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2,4-Dichlorophenol	ND		200	39	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2,4-Dimethylphenol	ND		200	42	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2,4-Dinitrophenol	ND		2000	38	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2,6-Dinitrotoluene	ND		200	29	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2-Chloronaphthalene	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
1,4-Dioxane	ND		120	44	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2-Chlorophenol	ND		200	31	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2-Methylphenol	ND		200	33	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2-Methylnaphthalene	ND		200	32	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2-Nitroaniline	ND		390	34	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
2-Nitrophenol	ND		200	23	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
3,3'-Dichlorobenzidine	ND		390	59	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
3-Nitroaniline	ND		390	28	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
4,6-Dinitro-2-methylphenol	ND		390	44	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
4-Bromophenyl phenyl ether	ND		200	34	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
4-Chloro-3-methylphenol	ND		200	41	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
4-Chloroaniline	ND		200	29	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
4-Chlorophenyl phenyl ether	ND		200	42	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
4-Methylphenol	ND		390	36	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
4-Nitroaniline	ND		390	29	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
4-Nitrophenol	ND		390	55	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Acenaphthene	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Acenaphthylene	ND		200	39	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Acetophenone	ND		200	35	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Anthracene	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Atrazine	ND		200	68	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Benzo[a]anthracene	ND		200	28	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Benzo[a]pyrene	ND		200	34	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Benzo[b]fluoranthene	ND		200	27	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Benzo[g,h,i]perylene	ND		200	35	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Benzo[k]fluoranthene	ND		200	45	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Bis(2-chloroethoxy)methane	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Bis(2-chloroethyl)ether	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Bis(2-ethylhexyl) phthalate	ND		200	44	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1
Date Collected: 06/29/26 10:15
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 83.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Caprolactam	ND		200	46	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Carbazole	ND		200	39	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Chrysene	ND		200	48	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Dibenz(a,h)anthracene	ND		200	41	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Di-n-butyl phthalate	ND		200	45	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Di-n-octyl phthalate	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Dibenzofuran	ND		200	35	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Diethyl phthalate	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Dimethyl phthalate	ND		200	39	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Fluoranthene	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Fluorene	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Hexachlorobenzene	ND		200	39	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Hexachlorobutadiene	ND		200	30	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Hexachlorocyclopentadiene	ND		390	88	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Hexachloroethane	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Indeno[1,2,3-cd]pyrene	ND		200	30	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Isophorone	ND		200	41	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
N-Nitrosodi-n-propylamine	ND		200	45	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
N-Nitrosodiphenylamine	ND		200	34	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Naphthalene	ND		200	33	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Nitrobenzene	ND		200	34	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Pentachlorophenol	ND		390	64	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Phenanthrene	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Phenol	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1
Pyrene	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/01/26 23:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*36000*	*T J*	*ug/Kg*	☼	*2.00*	*N/A*	*07/01/26 07:03*	*07/01/26 23:55*	*1*
Unknown	*5400*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/01/26 07:03*	*07/01/26 23:55*	*1*
Unknown	*460*	*T J*	*ug/Kg*	☼	*13.98*	*N/A*	*07/01/26 07:03*	*07/01/26 23:55*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*90*		*22 - 120*	*07/01/26 07:03*	*07/01/26 23:55*	*1*
Phenol-d5 (Surr)	*89*		*23 - 120*	*07/01/26 07:03*	*07/01/26 23:55*	*1*
p-Terphenyl-d14 (Surr)	*103*		*28 - 124*	*07/01/26 07:03*	*07/01/26 23:55*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 140*	*07/01/26 07:03*	*07/01/26 23:55*	*1*
2-Fluorobiphenyl (Surr)	*88*		*29 - 120*	*07/01/26 07:03*	*07/01/26 23:55*	*1*
2-Fluorophenol (Surr)	*87*		*18 - 120*	*07/01/26 07:03*	*07/01/26 23:55*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.0	0.77	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
4,4'-DDE	ND		4.0	0.83	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
4,4'-DDT	ND		4.0	0.92	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
beta-BHC	ND		4.0	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
cis-Chlordane	ND		4.0	2.0	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
alpha-BHC	ND		4.0	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
Aldrin	ND		4.0	0.97	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
delta-BHC	ND		4.0	0.74	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1
Date Collected: 06/29/26 10:15
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 83.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		4.0	0.95	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
Endosulfan I	ND		4.0	0.76	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
Endosulfan II	ND		4.0	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
Endosulfan sulfate	ND		4.0	0.74	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
Endrin	ND		4.0	0.78	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
Endrin aldehyde	ND		4.0	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
Endrin ketone	ND		4.0	0.97	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
gamma-BHC (Lindane)	ND		4.0	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
trans-Chlordane	ND		4.0	1.3	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
Heptachlor	ND		4.0	0.86	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
Heptachlor epoxide	ND		4.0	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
Methoxychlor	ND		4.0	0.81	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1
Toxaphene	ND		40	23	ug/Kg	☼	07/01/26 13:26	07/02/26 11:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*45 - 120*	*07/01/26 13:26*	*07/02/26 11:24*	*1*
DCB Decachlorobiphenyl	*83*		*45 - 120*	*07/01/26 13:26*	*07/02/26 11:24*	*1*
Tetrachloro-m-xylene	*96*		*30 - 124*	*07/01/26 13:26*	*07/02/26 11:24*	*1*
Tetrachloro-m-xylene	*84*		*30 - 124*	*07/01/26 13:26*	*07/02/26 11:24*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.054	mg/Kg	☼	07/01/26 06:53	07/01/26 17:25	1
PCB-1221	ND		0.27	0.054	mg/Kg	☼	07/01/26 06:53	07/01/26 17:25	1
PCB-1232	ND		0.27	0.054	mg/Kg	☼	07/01/26 06:53	07/01/26 17:25	1
PCB-1242	ND		0.27	0.054	mg/Kg	☼	07/01/26 06:53	07/01/26 17:25	1
PCB-1248	ND		0.27	0.054	mg/Kg	☼	07/01/26 06:53	07/01/26 17:25	1
PCB-1254	ND		0.27	0.13	mg/Kg	☼	07/01/26 06:53	07/01/26 17:25	1
PCB-1260	ND		0.27	0.13	mg/Kg	☼	07/01/26 06:53	07/01/26 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*60 - 154*	*07/01/26 06:53*	*07/01/26 17:25*	*1*
Tetrachloro-m-xylene	*108*		*60 - 154*	*07/01/26 06:53*	*07/01/26 17:25*	*1*
DCB Decachlorobiphenyl	*85*		*65 - 174*	*07/01/26 06:53*	*07/01/26 17:25*	*1*
DCB Decachlorobiphenyl	*80*		*65 - 174*	*07/01/26 06:53*	*07/01/26 17:25*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1
Date Collected: 06/29/26 10:15
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 83.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/06/26 10:45	07/14/26 19:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77.6*		*8 - 130*	*07/06/26 10:45*	*07/14/26 19:49*	*1*
13C5 PFPeA	*83.2*		*35 - 130*	*07/06/26 10:45*	*07/14/26 19:49*	*1*
13C5 PFHxA	*83.2*		*40 - 130*	*07/06/26 10:45*	*07/14/26 19:49*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1
Date Collected: 06/29/26 10:15
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 83.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	77.1		40 - 130	07/06/26 10:45	07/14/26 19:49	1
13C8 PFOA	86.5		40 - 130	07/06/26 10:45	07/14/26 19:49	1
13C9 PFNA	84.1		40 - 130	07/06/26 10:45	07/14/26 19:49	1
13C6 PFDA	78.2		40 - 130	07/06/26 10:45	07/14/26 19:49	1
13C7 PFUnA	68.9		40 - 130	07/06/26 10:45	07/14/26 19:49	1
13C2 PFTeDA	52.6		20 - 130	07/06/26 10:45	07/14/26 19:49	1
13C3 PFBS	74.9		40 - 135	07/06/26 10:45	07/14/26 19:49	1
13C3 PFHxS	74.7		40 - 130	07/06/26 10:45	07/14/26 19:49	1
13C8 PFOS	71.2		40 - 130	07/06/26 10:45	07/14/26 19:49	1
13C8 FOSA	68.0		40 - 130	07/06/26 10:45	07/14/26 19:49	1
d3-NMeFOSAA	79.8		40 - 135	07/06/26 10:45	07/14/26 19:49	1
d5-NEtFOSAA	74.1		40 - 150	07/06/26 10:45	07/14/26 19:49	1
13C2 4:2 FTS	109		40 - 165	07/06/26 10:45	07/14/26 19:49	1
13C2 6:2 FTS	110		40 - 215	07/06/26 10:45	07/14/26 19:49	1
13C2 8:2 FTS	108		40 - 275	07/06/26 10:45	07/14/26 19:49	1
13C3 HFPO-DA	78.3		40 - 130	07/06/26 10:45	07/14/26 19:49	1
d7-N-MeFOSE-M	46.5		20 - 130	07/06/26 10:45	07/14/26 19:49	1
d9-N-EtFOSE-M	39.4		15 - 130	07/06/26 10:45	07/14/26 19:49	1
d5-NEtPFOSA	40.9		10 - 130	07/06/26 10:45	07/14/26 19:49	1
d3-NMePFOSA	48.8		10 - 130	07/06/26 10:45	07/14/26 19:49	1
13C2 PFDoA	60.7		40 - 130	07/06/26 10:45	07/14/26 19:49	1
13C3-PFDoS	48.6		20 - 150	07/06/26 10:45	07/14/26 19:49	1
13C3-3:3 FTCA	94.9		20 - 150	07/06/26 10:45	07/14/26 19:49	1
13C3-5:3 FTCA	84.7		20 - 150	07/06/26 10:45	07/14/26 19:49	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14900**		11.9	10.2	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Antimony	ND		17.8	0.63	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Arsenic	**2.5**		2.4	1.0	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Barium	**104**		0.59	0.17	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Beryllium	**0.58**		0.24	0.047	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Cadmium	**0.25**		0.24	0.083	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Calcium	**72000**		59.3	32.0	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Chromium	**17.7**		0.59	0.43	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Cobalt	**7.4**		0.59	0.12	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Copper	**13.5**		1.2	0.68	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Iron	**16700**		11.9	10.1	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Lead	**8.6**		1.2	0.55	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Magnesium	**31600**		23.7	10.1	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Manganese	**416**		1.2	0.33	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Nickel	**14.2**		5.9	0.30	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Potassium	**5370**		35.6	28.8	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Selenium	ND		4.7	0.95	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Silver	ND	^5+	0.71	0.24	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Sodium	**477**		166	72.7	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Thallium	ND		7.1	0.90	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Vanadium	**28.6**		0.59	0.15	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1
Zinc	**62.3**		2.4	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 17:41	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1
Date Collected: 06/29/26 10:15
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 83.0

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.015**	**J**	0.024	0.0054	mg/Kg	☼	07/07/26 11:43	07/07/26 15:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.51	mg/Kg	☼	07/02/26 14:15	07/02/26 18:16	1

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2
Date Collected: 06/29/26 14:00
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 79.4

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.2	0.45	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,1,2,2-Tetrachloroethane	ND	vs	6.2	1.0	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.2	1.4	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,1,2-Trichloroethane	ND	vs	6.2	0.80	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,1-Dichloroethane	ND	vs	6.2	0.75	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,1-Dichloroethene	ND	vs	6.2	0.76	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,2,4-Trichlorobenzene	ND	vs	6.2	0.38	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.2	3.1	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,2-Dichlorobenzene	ND	vs	6.2	0.48	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,2-Dichloroethane	ND	vs	6.2	0.31	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,2-Dichloropropane	ND	vs	6.2	3.1	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,3-Dichlorobenzene	ND	vs	6.2	0.32	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,4-Dichlorobenzene	ND	vs	6.2	0.86	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
2-Butanone (MEK)	ND	vs	31	2.3	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
2-Hexanone	ND	vs	31	3.1	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Acetone	**7.0**	**J vs**	31	5.2	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Benzene	ND	vs	6.2	0.30	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Bromoform	ND	vs	6.2	3.1	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Bromomethane	ND	vs	6.2	0.56	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Carbon disulfide	ND	vs	6.2	3.1	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Carbon tetrachloride	ND	vs	6.2	0.60	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Chlorobenzene	ND	vs	6.2	0.82	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Dibromochloromethane	ND	vs	6.2	0.79	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Chloroethane	ND	vs	6.2	1.4	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Chloroform	**0.99**	**J B vs**	6.2	0.38	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Chloromethane	ND	*+ vs	6.2	0.37	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
cis-1,2-Dichloroethene	ND	vs	6.2	0.79	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Cyclohexane	ND	vs	6.2	0.86	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Bromodichloromethane	ND	vs	6.2	0.83	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Dichlorodifluoromethane	ND	vs	6.2	0.51	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Ethylbenzene	ND	vs	6.2	0.43	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
1,2-Dibromoethane	ND	vs	6.2	0.79	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Isopropylbenzene	ND	vs	6.2	0.93	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Methyl acetate	ND	vs	31	3.7	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Methyl tert-butyl ether	ND	vs	6.2	0.61	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Methylcyclohexane	ND	vs	6.2	0.94	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Methylene Chloride	ND	vs	6.2	2.8	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2
Date Collected: 06/29/26 14:00
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 79.4

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND	vs	6.2	0.83	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Toluene	ND	vs	6.2	0.47	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
trans-1,2-Dichloroethene	ND	vs	6.2	0.64	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
trans-1,3-Dichloropropene	ND	vs	6.2	2.7	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Trichloroethene	ND	vs	6.2	1.4	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Trichlorofluoromethane	ND	vs	6.2	0.58	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Vinyl chloride	ND	vs	6.2	0.75	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
cis-1,3-Dichloropropene	ND	vs	6.2	0.89	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1
Styrene	ND	vs	6.2	0.31	ug/Kg	☼	07/02/26 18:25	07/02/26 23:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:25*	*07/02/26 23:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 126*	*07/02/26 18:25*	*07/02/26 23:49*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*	*07/02/26 18:25*	*07/02/26 23:49*	*1*
Toluene-d8 (Surr)	*88*		*71 - 125*	*07/02/26 18:25*	*07/02/26 23:49*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*07/02/26 18:25*	*07/02/26 23:49*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	39	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
bis (2-chloroisopropyl) ether	ND		210	42	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2,4,5-Trichlorophenol	ND		210	42	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2,4,6-Trichlorophenol	ND		210	32	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2,4-Dichlorophenol	ND		210	41	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2,4-Dimethylphenol	ND		210	44	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2,4-Dinitrophenol	ND		2000	40	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2,4-Dinitrotoluene	ND		210	28	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2,6-Dinitrotoluene	ND		210	30	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2-Chloronaphthalene	ND		210	39	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
1,4-Dioxane	ND		120	46	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2-Chlorophenol	ND		210	33	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2-Methylphenol	ND		210	34	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2-Methylnaphthalene	ND		210	33	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2-Nitroaniline	ND		410	35	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
2-Nitrophenol	ND		210	24	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
3,3'-Dichlorobenzidine	ND		410	61	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
3-Nitroaniline	ND		410	29	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
4,6-Dinitro-2-methylphenol	ND		410	46	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
4-Bromophenyl phenyl ether	ND		210	35	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
4-Chloro-3-methylphenol	ND		210	43	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
4-Chloroaniline	ND		210	30	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
4-Chlorophenyl phenyl ether	ND		210	44	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
4-Methylphenol	ND		410	37	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
4-Nitroaniline	ND		410	30	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
4-Nitrophenol	ND		410	57	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Acenaphthene	ND		210	39	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Acenaphthylene	ND		210	40	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2
Date Collected: 06/29/26 14:00
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 79.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		210	37	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Anthracene	ND		210	38	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Atrazine	ND		210	70	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Benzaldehyde	ND		210	160	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Benzo[a]anthracene	ND		210	29	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Benzo[a]pyrene	ND		210	35	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Benzo[b]fluoranthene	ND		210	28	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Benzo[g,h,i]perylene	ND		210	36	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Benzo[k]fluoranthene	ND		210	47	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Bis(2-chloroethoxy)methane	ND		210	40	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Bis(2-chloroethyl)ether	ND		210	39	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Bis(2-ethylhexyl) phthalate	ND		210	45	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Butyl benzyl phthalate	ND		210	38	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Caprolactam	ND		210	48	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Carbazole	ND		210	41	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Chrysene	ND		210	50	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Dibenz(a,h)anthracene	ND		210	42	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Di-n-butyl phthalate	ND		210	47	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Di-n-octyl phthalate	ND		210	40	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Dibenzofuran	ND		210	37	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Diethyl phthalate	ND		210	37	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Dimethyl phthalate	ND		210	40	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Fluoranthene	ND		210	38	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Fluorene	ND		210	38	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Hexachlorobenzene	ND		210	40	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Hexachlorobutadiene	ND		210	31	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Hexachlorocyclopentadiene	ND		410	91	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Hexachloroethane	ND		210	38	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Indeno[1,2,3-cd]pyrene	ND		210	31	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Isophorone	ND		210	43	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
N-Nitrosodi-n-propylamine	ND		210	47	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
N-Nitrosodiphenylamine	ND		210	35	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Naphthalene	ND		210	34	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Nitrobenzene	ND		210	35	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Pentachlorophenol	ND		410	66	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Phenanthrene	ND		210	39	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Phenol	ND		210	38	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1
Pyrene	ND		210	39	ug/Kg	☼	07/01/26 07:03	07/02/26 00:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*210*	*T J*	*ug/Kg*	☼	*2.60*	*N/A*	*07/01/26 07:03*	*07/02/26 00:21*	*1*
Unknown	*5400*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/01/26 07:03*	*07/02/26 00:21*	*1*
Heptadecane	*200*	*T J N*	*ug/Kg*	☼	*10.45*	*629-78-7*	*07/01/26 07:03*	*07/02/26 00:21*	*1*
Octadecane	*170*	*T J N*	*ug/Kg*	☼	*10.91*	*593-45-3*	*07/01/26 07:03*	*07/02/26 00:21*	*1*
Unknown	*260*	*T J*	*ug/Kg*	☼	*11.14*	*N/A*	*07/01/26 07:03*	*07/02/26 00:21*	*1*
Docosane	*210*	*T J N*	*ug/Kg*	☼	*12.39*	*629-97-0*	*07/01/26 07:03*	*07/02/26 00:21*	*1*
Hexatriacontane	*180*	*T J N*	*ug/Kg*	☼	*13.26*	*630-06-8*	*07/01/26 07:03*	*07/02/26 00:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*69*		*22 - 120*	*07/01/26 07:03*	*07/02/26 00:21*	*1*

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2
Date Collected: 06/29/26 14:00
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 79.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*72*		*23 - 120*	*07/01/26 07:03*	*07/02/26 00:21*	*1*
p-Terphenyl-d14 (Surr)	*87*		*28 - 124*	*07/01/26 07:03*	*07/02/26 00:21*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*10 - 140*	*07/01/26 07:03*	*07/02/26 00:21*	*1*
2-Fluorobiphenyl (Surr)	*75*		*29 - 120*	*07/01/26 07:03*	*07/02/26 00:21*	*1*
2-Fluorophenol (Surr)	*70*		*18 - 120*	*07/01/26 07:03*	*07/02/26 00:21*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.2	0.81	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
4,4'-DDE	ND		4.2	0.87	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
4,4'-DDT	ND		4.2	0.97	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
beta-BHC	ND		4.2	0.75	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
cis-Chlordane	ND		4.2	2.1	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
alpha-BHC	ND		4.2	0.75	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
Aldrin	ND		4.2	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
delta-BHC	ND		4.2	0.77	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
Dieldrin	ND		4.2	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
Endosulfan I	ND		4.2	0.80	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
Endosulfan II	ND		4.2	0.75	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
Endosulfan sulfate	ND		4.2	0.78	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
Endrin	ND		4.2	0.82	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
Endrin aldehyde	ND		4.2	1.1	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
Endrin ketone	ND		4.2	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
gamma-BHC (Lindane)	ND		4.2	0.76	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
trans-Chlordane	ND		4.2	1.3	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
Heptachlor	ND		4.2	0.90	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
Heptachlor epoxide	ND		4.2	1.1	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
Methoxychlor	ND		4.2	0.85	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1
Toxaphene	ND		42	24	ug/Kg	☼	07/01/26 13:26	07/02/26 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*45 - 120*	*07/01/26 13:26*	*07/02/26 11:44*	*1*
DCB Decachlorobiphenyl	*78*		*45 - 120*	*07/01/26 13:26*	*07/02/26 11:44*	*1*
Tetrachloro-m-xylene	*85*		*30 - 124*	*07/01/26 13:26*	*07/02/26 11:44*	*1*
Tetrachloro-m-xylene	*74*		*30 - 124*	*07/01/26 13:26*	*07/02/26 11:44*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.046	mg/Kg	☼	07/01/26 06:53	07/01/26 17:43	1
PCB-1221	ND		0.24	0.046	mg/Kg	☼	07/01/26 06:53	07/01/26 17:43	1
PCB-1232	ND		0.24	0.046	mg/Kg	☼	07/01/26 06:53	07/01/26 17:43	1
PCB-1242	ND		0.24	0.046	mg/Kg	☼	07/01/26 06:53	07/01/26 17:43	1
PCB-1248	ND		0.24	0.046	mg/Kg	☼	07/01/26 06:53	07/01/26 17:43	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	07/01/26 06:53	07/01/26 17:43	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	07/01/26 06:53	07/01/26 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*		*60 - 154*	*07/01/26 06:53*	*07/01/26 17:43*	*1*
Tetrachloro-m-xylene	*112*		*60 - 154*	*07/01/26 06:53*	*07/01/26 17:43*	*1*
DCB Decachlorobiphenyl	*93*		*65 - 174*	*07/01/26 06:53*	*07/01/26 17:43*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2
Date Collected: 06/29/26 14:00
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 79.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*90*		*65 - 174*	*07/01/26 06:53*	*07/01/26 17:43*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2
Date Collected: 06/29/26 14:00
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 79.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/06/26 10:45	07/14/26 20:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*83.4*		*8 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C5 PFPeA	*91.2*		*35 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C5 PFHxA	*90.1*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C4 PFHpA	*83.7*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C8 PFOA	*85.9*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C9 PFNA	*90.1*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C6 PFDA	*83.4*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C7 PFUnA	*83.2*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C2 PFTeDA	*66.6*		*20 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C3 PFBS	*80.3*		*40 - 135*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C3 PFHxS	*79.8*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C8 PFOS	*80.2*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C8 FOSA	*74.4*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
d3-NMeFOSAA	*90.8*		*40 - 135*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
d5-NEtFOSAA	*82.6*		*40 - 150*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C2 4:2 FTS	*114*		*40 - 165*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C2 6:2 FTS	*114*		*40 - 215*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C2 8:2 FTS	*122*		*40 - 275*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C3 HFPO-DA	*76.9*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
d7-N-MeFOSE-M	*55.3*		*20 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
d9-N-EtFOSE-M	*47.8*		*15 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
d5-NEtPFOSA	*48.7*		*10 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
d3-NMePFOSA	*56.5*		*10 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C2 PFDoA	*72.2*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C3-PFDoS	*63.1*		*20 - 150*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C3-3:3 FTCA	*105*		*20 - 150*	*07/06/26 10:45*	*07/14/26 20:02*	*1*
13C3-5:3 FTCA	*87.3*		*20 - 150*	*07/06/26 10:45*	*07/14/26 20:02*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**19900**		12.1	10.4	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Antimony	ND		18.1	0.64	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Arsenic	**3.6**		2.4	1.1	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Barium	**128**		0.60	0.17	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Beryllium	**0.77**		0.24	0.048	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Cadmium	**0.29**		0.24	0.085	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1

Client Sample ID: RI-MW-2

Lab Sample ID: 480-240008-2
Date Collected: 06/29/26 14:00
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 79.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**66100**		60.4	32.6	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Chromium	**22.3**		0.60	0.43	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Cobalt	**9.6**		0.60	0.12	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Copper	**16.5**		1.2	0.69	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Iron	**20800**		12.1	10.2	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Lead	**9.0**		1.2	0.56	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Magnesium	**29100**		24.2	10.2	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Manganese	**464**		1.2	0.34	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Nickel	**18.8**		6.0	0.30	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Potassium	**7170**		36.2	29.3	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Selenium	ND		4.8	0.97	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Silver	ND	^5+	0.72	0.24	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Sodium	**552**		169	74.0	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Thallium	ND		7.2	0.92	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Vanadium	**35.8**		0.60	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1
Zinc	**71.8**		2.4	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 17:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.013**	**J**	0.025	0.0058	mg/Kg	☼	07/07/26 11:43	07/07/26 15:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.2	0.56	mg/Kg	☼	07/02/26 14:15	07/02/26 18:16	1

Client Sample ID: RI-MW-3

Lab Sample ID: 480-240008-3
Date Collected: 06/29/26 15:20
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 82.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.96	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,1,2-Trichloroethane	ND	vs	5.9	0.77	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,2-Dichloroethane	ND	vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,2-Dichloropropane	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,4-Dichlorobenzene	ND	vs	5.9	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
2-Butanone (MEK)	ND	vs	29	2.2	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Acetone	**10**	**J vs**	29	5.0	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Bromoform	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3
Date Collected: 06/29/26 15:20
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 82.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND	vs	5.9	0.53	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Carbon disulfide	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Chlorobenzene	ND	vs	5.9	0.78	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Dibromochloromethane	ND	vs	5.9	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Chloroform	**0.91**	**J B vs**	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Chloromethane	ND	*+ vs	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Cyclohexane	ND	vs	5.9	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Bromodichloromethane	ND	vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Dichlorodifluoromethane	ND	vs	5.9	0.49	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Ethylbenzene	ND	vs	5.9	0.41	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
1,2-Dibromoethane	ND	vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Isopropylbenzene	ND	vs	5.9	0.89	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Methyl acetate	ND	vs	29	3.6	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Methylcyclohexane	ND	vs	5.9	0.90	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Tetrachloroethene	ND	vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Toluene	ND	vs	5.9	0.45	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.61	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
trans-1,3-Dichloropropene	ND	vs	5.9	2.6	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Trichlorofluoromethane	ND	vs	5.9	0.56	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Xylenes, Total	ND	vs	12	0.99	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.85	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1
Styrene	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 00:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:25*	*07/03/26 00:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*07/02/26 18:25*	*07/03/26 00:12*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*07/02/26 18:25*	*07/03/26 00:12*	*1*
Toluene-d8 (Surr)	*88*		*71 - 125*	*07/02/26 18:25*	*07/03/26 00:12*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*07/02/26 18:25*	*07/03/26 00:12*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
2,4,5-Trichlorophenol	ND		200	40	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
2,4,6-Trichlorophenol	ND		200	30	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
2,4-Dichlorophenol	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
2,4-Dimethylphenol	ND		200	41	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
2,6-Dinitrotoluene	ND		200	28	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3
Date Collected: 06/29/26 15:20
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 82.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
1,4-Dioxane	ND		120	43	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
2-Chlorophenol	ND		200	31	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
2-Methylphenol	ND		200	32	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
2-Nitrophenol	ND		200	22	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
3,3'-Dichlorobenzidine	ND		380	58	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
3-Nitroaniline	ND		380	28	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
4-Bromophenyl phenyl ether	ND		200	33	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
4-Chloro-3-methylphenol	ND		200	40	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
4-Chloroaniline	ND		200	28	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
4-Chlorophenyl phenyl ether	ND		200	41	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
4-Methylphenol	ND		380	35	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
4-Nitroaniline	ND		380	29	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
4-Nitrophenol	ND		380	54	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Acenaphthene	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Acenaphthylene	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Acetophenone	ND		200	35	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Anthracene	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Atrazine	ND		200	66	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Benzo[a]anthracene	ND		200	27	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Benzo[a]pyrene	ND		200	33	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Benzo[b]fluoranthene	ND		200	26	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Benzo[g,h,i]perylene	ND		200	34	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Benzo[k]fluoranthene	ND		200	44	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Bis(2-chloroethoxy)methane	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Bis(2-chloroethyl)ether	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Bis(2-ethylhexyl) phthalate	ND		200	43	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Butyl benzyl phthalate	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Caprolactam	ND		200	45	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Carbazole	ND		200	39	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Chrysene	ND		200	47	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Dibenz(a,h)anthracene	ND		200	40	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Di-n-butyl phthalate	ND		200	44	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Di-n-octyl phthalate	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Dibenzofuran	ND		200	35	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Diethyl phthalate	ND		200	35	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Dimethyl phthalate	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Fluoranthene	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Fluorene	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Hexachlorobenzene	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Hexachlorocyclopentadiene	ND		380	86	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Hexachloroethane	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Indeno[1,2,3-cd]pyrene	ND		200	29	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Isophorone	ND		200	40	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3
Date Collected: 06/29/26 15:20
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 82.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		200	44	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
N-Nitrosodiphenylamine	ND		200	33	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Naphthalene	ND		200	33	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Nitrobenzene	ND		200	33	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Pentachlorophenol	ND		380	63	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Phenanthrene	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Phenol	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1
Pyrene	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/02/26 00:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*32000*	*T J*	*ug/Kg*	☼	*2.00*	*N/A*	*07/01/26 07:03*	*07/02/26 00:44*	*1*
Unknown	*540*	*T J*	*ug/Kg*	☼	*2.59*	*N/A*	*07/01/26 07:03*	*07/02/26 00:44*	*1*
Unknown	*6000*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/01/26 07:03*	*07/02/26 00:44*	*1*
Unknown	*190*	*T J*	*ug/Kg*	☼	*5.62*	*N/A*	*07/01/26 07:03*	*07/02/26 00:44*	*1*
Heptadecane	*170*	*T J N*	*ug/Kg*	☼	*10.45*	*629-78-7*	*07/01/26 07:03*	*07/02/26 00:44*	*1*
Unknown	*340*	*T J*	*ug/Kg*	☼	*11.14*	*N/A*	*07/01/26 07:03*	*07/02/26 00:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*75*		*22 - 120*	*07/01/26 07:03*	*07/02/26 00:44*	*1*
Phenol-d5 (Surr)	*79*		*23 - 120*	*07/01/26 07:03*	*07/02/26 00:44*	*1*
p-Terphenyl-d14 (Surr)	*88*		*28 - 124*	*07/01/26 07:03*	*07/02/26 00:44*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*10 - 140*	*07/01/26 07:03*	*07/02/26 00:44*	*1*
2-Fluorobiphenyl (Surr)	*80*		*29 - 120*	*07/01/26 07:03*	*07/02/26 00:44*	*1*
2-Fluorophenol (Surr)	*77*		*18 - 120*	*07/01/26 07:03*	*07/02/26 00:44*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.0	0.77	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
4,4'-DDE	ND		4.0	0.83	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
4,4'-DDT	ND		4.0	0.93	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
beta-BHC	ND		4.0	0.72	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
cis-Chlordane	ND		4.0	2.0	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
alpha-BHC	ND		4.0	0.72	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
Aldrin	ND		4.0	0.98	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
delta-BHC	ND		4.0	0.74	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
Dieldrin	ND		4.0	0.95	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
Endosulfan I	ND		4.0	0.76	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
Endosulfan II	ND		4.0	0.72	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
Endosulfan sulfate	ND		4.0	0.74	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
Endrin	ND		4.0	0.79	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
Endrin aldehyde	ND		4.0	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
Endrin ketone	ND		4.0	0.98	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
gamma-BHC (Lindane)	ND		4.0	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
trans-Chlordane	ND		4.0	1.3	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
Heptachlor	ND		4.0	0.86	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
Heptachlor epoxide	ND		4.0	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
Methoxychlor	ND		4.0	0.81	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1
Toxaphene	ND		40	23	ug/Kg	☼	07/01/26 13:26	07/02/26 12:03	1

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3
Date Collected: 06/29/26 15:20
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 82.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*45 - 120*	*07/01/26 13:26*	*07/02/26 12:03*	*1*
DCB Decachlorobiphenyl	*77*		*45 - 120*	*07/01/26 13:26*	*07/02/26 12:03*	*1*
Tetrachloro-m-xylene	*90*		*30 - 124*	*07/01/26 13:26*	*07/02/26 12:03*	*1*
Tetrachloro-m-xylene	*77*		*30 - 124*	*07/01/26 13:26*	*07/02/26 12:03*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.042	mg/Kg	☼	07/01/26 06:53	07/01/26 18:02	1
PCB-1221	ND		0.21	0.042	mg/Kg	☼	07/01/26 06:53	07/01/26 18:02	1
PCB-1232	ND		0.21	0.042	mg/Kg	☼	07/01/26 06:53	07/01/26 18:02	1
PCB-1242	ND		0.21	0.042	mg/Kg	☼	07/01/26 06:53	07/01/26 18:02	1
PCB-1248	ND		0.21	0.042	mg/Kg	☼	07/01/26 06:53	07/01/26 18:02	1
PCB-1254	ND		0.21	0.10	mg/Kg	☼	07/01/26 06:53	07/01/26 18:02	1
PCB-1260	ND		0.21	0.10	mg/Kg	☼	07/01/26 06:53	07/01/26 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*60 - 154*	*07/01/26 06:53*	*07/01/26 18:02*	*1*
Tetrachloro-m-xylene	*110*		*60 - 154*	*07/01/26 06:53*	*07/01/26 18:02*	*1*
DCB Decachlorobiphenyl	*90*		*65 - 174*	*07/01/26 06:53*	*07/01/26 18:02*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*07/01/26 06:53*	*07/01/26 18:02*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3
Date Collected: 06/29/26 15:20
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 82.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/06/26 10:45	07/14/26 20:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*90.8*		*8 - 130*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C5 PFPeA	*94.9*		*35 - 130*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C5 PFHxA	*92.9*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C4 PFHpA	*86.9*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C8 PFOA	*90.1*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C9 PFNA	*96.3*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C6 PFDA	*94.5*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C7 PFUnA	*89.3*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C2 PFTeDA	*50.0*		*20 - 130*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C3 PFBS	*86.4*		*40 - 135*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C3 PFHxS	*85.8*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C8 PFOS	*88.2*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C8 FOSA	*84.3*		*40 - 130*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
d3-NMeFOSAA	*101*		*40 - 135*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
d5-NEtFOSAA	*100*		*40 - 150*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C2 4:2 FTS	*119*		*40 - 165*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C2 6:2 FTS	*119*		*40 - 215*	*07/06/26 10:45*	*07/14/26 20:16*	*1*
13C2 8:2 FTS	*122*		*40 - 275*	*07/06/26 10:45*	*07/14/26 20:16*	*1*

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3
Date Collected: 06/29/26 15:20
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 82.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	83.2		40 - 130	07/06/26 10:45	07/14/26 20:16	1
d7-N-MeFOSE-M	59.9		20 - 130	07/06/26 10:45	07/14/26 20:16	1
d9-N-EtFOSE-M	46.5		15 - 130	07/06/26 10:45	07/14/26 20:16	1
d5-NEtPFOSA	50.9		10 - 130	07/06/26 10:45	07/14/26 20:16	1
d3-NMePFOSA	60.0		10 - 130	07/06/26 10:45	07/14/26 20:16	1
13C2 PFDoA	76.8		40 - 130	07/06/26 10:45	07/14/26 20:16	1
13C3-PFDoS	65.1		20 - 150	07/06/26 10:45	07/14/26 20:16	1
13C3-3:3 FTCA	113		20 - 150	07/06/26 10:45	07/14/26 20:16	1
13C3-5:3 FTCA	91.3		20 - 150	07/06/26 10:45	07/14/26 20:16	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16800**		12.1	10.4	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Antimony	ND		18.2	0.64	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Arsenic	**3.4**		2.4	1.1	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Barium	**113**		0.61	0.17	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Beryllium	**0.65**		0.24	0.048	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Cadmium	**0.27**		0.24	0.085	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Calcium	**71400**		60.6	32.7	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Chromium	**19.7**		0.61	0.44	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Cobalt	**8.3**		0.61	0.12	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Copper	**15.1**		1.2	0.69	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Iron	**18100**		12.1	10.3	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Lead	**10.2**		1.2	0.56	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Magnesium	**31500**		24.2	10.3	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Manganese	**435**		1.2	0.34	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Nickel	**16.2**		6.1	0.30	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Potassium	**6110**		36.4	29.4	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Selenium	ND		4.8	0.97	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Silver	ND	^5+	0.73	0.24	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Sodium	**499**		170	74.3	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Thallium	ND		7.3	0.92	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Vanadium	**30.7**		0.61	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1
Zinc	**69.7**		2.4	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 17:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.019**	**J**	0.028	0.0065	mg/Kg	☼	07/07/26 11:43	07/07/26 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.2	0.57	mg/Kg	☼	07/02/26 14:15	07/02/26 18:17	1

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4
Date Collected: 06/29/26 16:30
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 84.4

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.95	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4
Date Collected: 06/29/26 16:30
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 84.4

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
1,1,2-Trichloroethane	ND	vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
1,2-Dichloroethane	ND	vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
1,2-Dichloropropane	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
1,4-Dichlorobenzene	ND	vs	5.9	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
2-Butanone (MEK)	ND	vs	29	2.2	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Acetone	**11**	**J vs**	29	5.0	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Bromoform	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Bromomethane	ND	vs	5.9	0.53	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Carbon disulfide	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Chlorobenzene	ND	vs	5.9	0.78	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Dibromochloromethane	ND	vs	5.9	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Chloroform	**0.87**	**J B vs**	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Chloromethane	ND	*+ vs	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Cyclohexane	ND	vs	5.9	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Bromodichloromethane	ND	vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Dichlorodifluoromethane	ND	vs	5.9	0.49	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Ethylbenzene	ND	vs	5.9	0.41	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
1,2-Dibromoethane	ND	vs	5.9	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Isopropylbenzene	ND	vs	5.9	0.89	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Methyl acetate	ND	vs	29	3.6	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Methylcyclohexane	ND	vs	5.9	0.89	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Tetrachloroethene	ND	vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Toluene	ND	vs	5.9	0.44	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.61	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
trans-1,3-Dichloropropene	ND	vs	5.9	2.6	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Trichlorofluoromethane	ND	vs	5.9	0.56	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Xylenes, Total	ND	vs	12	0.99	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.85	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1
Styrene	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 00:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:25*	*07/03/26 00:36*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4
Date Collected: 06/29/26 16:30
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 84.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		64 - 126	07/02/26 18:25	07/03/26 00:36	1
4-Bromofluorobenzene (Surr)	103		72 - 126	07/02/26 18:25	07/03/26 00:36	1
Toluene-d8 (Surr)	88		71 - 125	07/02/26 18:25	07/03/26 00:36	1
Dibromofluoromethane (Surr)	103		60 - 140	07/02/26 18:25	07/03/26 00:36	1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2,4,5-Trichlorophenol	ND		200	40	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2,4,6-Trichlorophenol	ND		200	30	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2,4-Dichlorophenol	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2,4-Dimethylphenol	ND		200	41	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2,6-Dinitrotoluene	ND		200	28	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2-Chloronaphthalene	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
1,4-Dioxane	ND		120	43	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2-Chlorophenol	ND		200	31	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2-Methylphenol	ND		200	32	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
2-Nitrophenol	ND		200	22	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
3,3'-Dichlorobenzidine	ND		380	57	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
3-Nitroaniline	ND		380	28	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
4-Bromophenyl phenyl ether	ND		200	33	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
4-Chloro-3-methylphenol	ND		200	40	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
4-Chloroaniline	ND		200	28	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
4-Chlorophenyl phenyl ether	ND		200	41	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
4-Methylphenol	ND		380	35	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
4-Nitroaniline	ND		380	29	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
4-Nitrophenol	ND		380	53	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Acenaphthene	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Acenaphthylene	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Acetophenone	ND		200	34	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Anthracene	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Atrazine	ND		200	66	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Benzo[a]anthracene	ND		200	27	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Benzo[a]pyrene	ND		200	33	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Benzo[b]fluoranthene	ND		200	26	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Benzo[g,h,i]perylene	ND		200	34	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Benzo[k]fluoranthene	ND		200	44	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Bis(2-chloroethoxy)methane	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Bis(2-chloroethyl)ether	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Bis(2-ethylhexyl) phthalate	ND		200	42	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Butyl benzyl phthalate	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Caprolactam	ND		200	45	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Carbazole	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4
Date Collected: 06/29/26 16:30
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 84.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		200	47	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Dibenz(a,h)anthracene	ND		200	39	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Di-n-butyl phthalate	ND		200	44	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Di-n-octyl phthalate	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Dibenzofuran	ND		200	34	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Diethyl phthalate	ND		200	35	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Dimethyl phthalate	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Fluoranthene	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Fluorene	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Hexachlorobenzene	ND		200	38	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Hexachlorocyclopentadiene	ND		380	85	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Hexachloroethane	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Indeno[1,2,3-cd]pyrene	ND		200	29	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Isophorone	ND		200	40	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
N-Nitrosodi-n-propylamine	ND		200	44	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
N-Nitrosodiphenylamine	ND		200	33	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Naphthalene	ND		200	32	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Nitrobenzene	ND		200	33	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Pentachlorophenol	ND		380	62	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Phenanthrene	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Phenol	ND		200	36	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1
Pyrene	ND		200	37	ug/Kg	☼	07/01/26 07:03	07/02/26 01:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*9600*	*T J*	*ug/Kg*	☼	*2.00*	*N/A*	*07/01/26 07:03*	*07/02/26 01:09*	*1*
Unknown	*5500*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/01/26 07:03*	*07/02/26 01:09*	*1*
Hexadecane	*170*	*T J N*	*ug/Kg*	☼	*9.93*	*544-76-3*	*07/01/26 07:03*	*07/02/26 01:09*	*1*
Heptadecane	*220*	*T J N*	*ug/Kg*	☼	*10.45*	*629-78-7*	*07/01/26 07:03*	*07/02/26 01:09*	*1*
Octadecane	*190*	*T J N*	*ug/Kg*	☼	*10.91*	*593-45-3*	*07/01/26 07:03*	*07/02/26 01:09*	*1*
Nonadecane	*180*	*T J N*	*ug/Kg*	☼	*11.33*	*629-92-5*	*07/01/26 07:03*	*07/02/26 01:09*	*1*
Eicosane	*160*	*T J N*	*ug/Kg*	☼	*11.71*	*112-95-8*	*07/01/26 07:03*	*07/02/26 01:09*	*1*
Tricosane	*170*	*T J N*	*ug/Kg*	☼	*12.69*	*638-67-5*	*07/01/26 07:03*	*07/02/26 01:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*74*		*22 - 120*	*07/01/26 07:03*	*07/02/26 01:09*	*1*
Phenol-d5 (Surr)	*74*		*23 - 120*	*07/01/26 07:03*	*07/02/26 01:09*	*1*
p-Terphenyl-d14 (Surr)	*91*		*28 - 124*	*07/01/26 07:03*	*07/02/26 01:09*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 140*	*07/01/26 07:03*	*07/02/26 01:09*	*1*
2-Fluorobiphenyl (Surr)	*78*		*29 - 120*	*07/01/26 07:03*	*07/02/26 01:09*	*1*
2-Fluorophenol (Surr)	*73*		*18 - 120*	*07/01/26 07:03*	*07/02/26 01:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.9	0.76	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
4,4'-DDE	ND		3.9	0.82	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
4,4'-DDT	ND		3.9	0.91	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
beta-BHC	ND		3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
cis-Chlordane	ND		3.9	1.9	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
alpha-BHC	ND		3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4
Date Collected: 06/29/26 16:30
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 84.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		3.9	0.96	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
delta-BHC	ND		3.9	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
Dieldrin	ND		3.9	0.94	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
Endosulfan I	ND		3.9	0.75	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
Endosulfan II	ND		3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
Endosulfan sulfate	ND		3.9	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
Endrin	ND		3.9	0.77	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
Endrin aldehyde	ND		3.9	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
Endrin ketone	ND		3.9	0.96	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
gamma-BHC (Lindane)	ND		3.9	0.72	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
trans-Chlordane	ND		3.9	1.2	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
Heptachlor	ND		3.9	0.85	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
Heptachlor epoxide	ND		3.9	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
Methoxychlor	ND		3.9	0.80	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1
Toxaphene	ND		39	23	ug/Kg	☼	07/01/26 13:26	07/02/26 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*65*		*45 - 120*	*07/01/26 13:26*	*07/02/26 12:23*	*1*
DCB Decachlorobiphenyl	*72*		*45 - 120*	*07/01/26 13:26*	*07/02/26 12:23*	*1*
Tetrachloro-m-xylene	*69*		*30 - 124*	*07/01/26 13:26*	*07/02/26 12:23*	*1*
Tetrachloro-m-xylene	*64*		*30 - 124*	*07/01/26 13:26*	*07/02/26 12:23*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	07/01/26 06:53	07/01/26 18:20	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	07/01/26 06:53	07/01/26 18:20	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	07/01/26 06:53	07/01/26 18:20	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	07/01/26 06:53	07/01/26 18:20	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	07/01/26 06:53	07/01/26 18:20	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	07/01/26 06:53	07/01/26 18:20	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	07/01/26 06:53	07/01/26 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*103*		*60 - 154*	*07/01/26 06:53*	*07/01/26 18:20*	*1*
Tetrachloro-m-xylene	*119*		*60 - 154*	*07/01/26 06:53*	*07/01/26 18:20*	*1*
DCB Decachlorobiphenyl	*105*		*65 - 174*	*07/01/26 06:53*	*07/01/26 18:20*	*1*
DCB Decachlorobiphenyl	*100*		*65 - 174*	*07/01/26 06:53*	*07/01/26 18:20*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4
Date Collected: 06/29/26 16:30
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 84.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND	F1	0.97	0.48	ng/g	☼	07/06/26 10:45	07/14/26 20:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.4*		*8 - 130*	*07/06/26 10:45*	*07/14/26 20:29*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4
Date Collected: 06/29/26 16:30
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 84.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	105		35 - 130	07/06/26 10:45	07/14/26 20:29	1
13C5 PFHxA	99.0		40 - 130	07/06/26 10:45	07/14/26 20:29	1
13C4 PFHpA	94.4		40 - 130	07/06/26 10:45	07/14/26 20:29	1
13C8 PFOA	95.3		40 - 130	07/06/26 10:45	07/14/26 20:29	1
13C9 PFNA	95.5		40 - 130	07/06/26 10:45	07/14/26 20:29	1
13C6 PFDA	95.9		40 - 130	07/06/26 10:45	07/14/26 20:29	1
13C7 PFUnA	90.5		40 - 130	07/06/26 10:45	07/14/26 20:29	1
13C2 PFTeDA	73.5		20 - 130	07/06/26 10:45	07/14/26 20:29	1
13C3 PFBS	88.8		40 - 135	07/06/26 10:45	07/14/26 20:29	1
13C3 PFHxS	90.3		40 - 130	07/06/26 10:45	07/14/26 20:29	1
13C8 PFOS	88.5		40 - 130	07/06/26 10:45	07/14/26 20:29	1
13C8 FOSA	80.2		40 - 130	07/06/26 10:45	07/14/26 20:29	1
d3-NMeFOSAA	97.4		40 - 135	07/06/26 10:45	07/14/26 20:29	1
d5-NEtFOSAA	94.3		40 - 150	07/06/26 10:45	07/14/26 20:29	1
13C2 4:2 FTS	139		40 - 165	07/06/26 10:45	07/14/26 20:29	1
13C2 6:2 FTS	135		40 - 215	07/06/26 10:45	07/14/26 20:29	1
13C2 8:2 FTS	133		40 - 275	07/06/26 10:45	07/14/26 20:29	1
13C3 HFPO-DA	87.3		40 - 130	07/06/26 10:45	07/14/26 20:29	1
d7-N-MeFOSE-M	75.0		20 - 130	07/06/26 10:45	07/14/26 20:29	1
d9-N-EtFOSE-M	66.4		15 - 130	07/06/26 10:45	07/14/26 20:29	1
d5-NEtPFOSA	59.1		10 - 130	07/06/26 10:45	07/14/26 20:29	1
d3-NMePFOSA	67.5		10 - 130	07/06/26 10:45	07/14/26 20:29	1
13C2 PFDoA	85.5		40 - 130	07/06/26 10:45	07/14/26 20:29	1
13C3-PFDoS	73.9		20 - 150	07/06/26 10:45	07/14/26 20:29	1
13C3-3:3 FTCA	113		20 - 150	07/06/26 10:45	07/14/26 20:29	1
13C3-5:3 FTCA	99.7		20 - 150	07/06/26 10:45	07/14/26 20:29	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17400**		11.7	10.1	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Antimony	ND		17.6	0.62	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Arsenic	**2.7**		2.3	1.0	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Barium	**94.5**		0.59	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Beryllium	**0.69**		0.23	0.047	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Cadmium	**0.25**		0.23	0.082	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Calcium	**64200**		58.5	31.6	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Chromium	**20.1**		0.59	0.42	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Cobalt	**9.3**		0.59	0.12	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Copper	**15.2**		1.2	0.67	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Iron	**19800**		11.7	9.9	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Lead	**10.2**		1.2	0.54	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Magnesium	**28100**		23.4	9.9	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Manganese	**452**		1.2	0.33	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Nickel	**17.5**		5.9	0.29	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Potassium	**6050**		35.1	28.4	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Selenium	ND		4.7	0.94	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Silver	ND	^5+	0.70	0.23	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Sodium	**528**		164	71.7	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Thallium	ND		7.0	0.89	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1
Vanadium	**32.2**		0.59	0.15	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4
Date Collected: 06/29/26 16:30
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 84.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	73.1		2.3	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 17:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.023	0.0054	mg/Kg	☼	07/07/26 11:43	07/07/26 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.52	mg/Kg	☼	07/02/26 14:15	07/02/26 18:20	1

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)	(60-140)
480-240008-1	RI-MW-1	100	103	86	105
480-240008-2	RI-MW-2	97	104	88	103
480-240008-3	RI-MW-3	100	102	88	104
480-240008-4	RI-MW-4	98	103	88	103
LCS 480-779855/1-A	Lab Control Sample	101	103	89	105
MB 480-779855/2-A	Method Blank	95	104	88	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	PHL	TPHd14	TBP	FBP	2FP
Lab Sample ID	Client Sample ID	(22-120)	(23-120)	(28-124)	(10-140)	(29-120)	(18-120)
480-240008-1	RI-MW-1	90	89	103	85	88	87
480-240008-2	RI-MW-2	69	72	87	64	75	70
480-240008-3	RI-MW-3	75	79	88	60	80	77
480-240008-4	RI-MW-4	74	74	91	71	78	73
LCS 480-779670/2-A	Lab Control Sample	79	81	94	93	80	78
MB 480-779670/1-A	Method Blank	84	85	112	90	84	83

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(45-120)	(45-120)	(30-124)	(30-124)
480-240008-1	RI-MW-1	80	83	96	84
480-240008-2	RI-MW-2	73	78	85	74
480-240008-3	RI-MW-3	72	77	90	77
480-240008-4	RI-MW-4	65	72	69	64
LCS 480-779730/2-A	Lab Control Sample	96	94	95	80
MB 480-779730/1-A	Method Blank	99	95	103	82

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(60-154)	(65-174)	(65-174)
480-240008-1	RI-MW-1	90	108	85	80
480-240008-2	RI-MW-2	98	112	93	90
480-240008-3	RI-MW-3	95	110	90	87
480-240008-4	RI-MW-4	103	119	105	100
LCS 480-779671/2-A	Lab Control Sample	106	121	117	111
MB 480-779671/1-A	Method Blank	100	115	109	106

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
480-240008-1	RI-MW-1	77.6	83.2	83.2	77.1	86.5	84.1	78.2	68.9
480-240008-2	RI-MW-2	83.4	91.2	90.1	83.7	85.9	90.1	83.4	83.2
480-240008-3	RI-MW-3	90.8	94.9	92.9	86.9	90.1	96.3	94.5	89.3
480-240008-4	RI-MW-4	89.4	105	99.0	94.4	95.3	95.5	95.9	90.5
480-240008-4 MS	RI-MW-4	63.0	64.5	62.7	59.7	59.2	59.9	65.7	69.7
480-240008-4 MSD	RI-MW-4	80.1	92.5	89.3	82.3	82.9	81.5	79.3	75.1
LCS 410-846564/2-A	Lab Control Sample	79.0	86.4	81.1	80.5	77.6	78.5	77.1	74.8
LLCS 410-846564/3-A	Lab Control Sample	81.8	91.1	94.5	84.2	85.6	87.2	81.0	78.6
MB 410-846564/1-A	Method Blank	84.6	89.2	88.7	82.6	84.3	88.8	85.8	86.7

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
480-240008-1	RI-MW-1	52.6	74.9	74.7	71.2	68.0	79.8	74.1	109
480-240008-2	RI-MW-2	66.6	80.3	79.8	80.2	74.4	90.8	82.6	114
480-240008-3	RI-MW-3	50.0	86.4	85.8	88.2	84.3	101	100	119
480-240008-4	RI-MW-4	73.5	88.8	90.3	88.5	80.2	97.4	94.3	139
480-240008-4 MS	RI-MW-4	76.3	57.2	59.6	70.7	57.8	70.5	71.4	86.6
480-240008-4 MSD	RI-MW-4	64.8	79.7	77.6	72.9	71.2	84.8	82.8	116
LCS 410-846564/2-A	Lab Control Sample	68.1	82.0	79.4	79.9	60.9	60.6	58.2	83.5
LLCS 410-846564/3-A	Lab Control Sample	57.3	86.3	83.7	82.9	72.7	74.0	67.7	105
MB 410-846564/1-A	Method Blank	78.4	84.4	83.1	81.6	79.6	84.8	77.4	119

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
480-240008-1	RI-MW-1	110	108	78.3	46.5	39.4	40.9	48.8	60.7
480-240008-2	RI-MW-2	114	122	76.9	55.3	47.8	48.7	56.5	72.2
480-240008-3	RI-MW-3	119	122	83.2	59.9	46.5	50.9	60.0	76.8
480-240008-4	RI-MW-4	135	133	87.3	75.0	66.4	59.1	67.5	85.5
480-240008-4 MS	RI-MW-4	79.7	91.6	54.0	53.2	49.0	51.3	53.0	70.7
480-240008-4 MSD	RI-MW-4	108	107	75.3	47.3	40.1	48.4	59.9	67.9
LCS 410-846564/2-A	Lab Control Sample	80.2	78.2	78.8	42.8	41.5	46.2	54.8	68.9
LLCS 410-846564/3-A	Lab Control Sample	104	107	77.3	52.9	49.8	47.9	54.8	71.1
MB 410-846564/1-A	Method Blank	107	105	75.7	50.9	45.8	54.6	61.7	79.4

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	3C3-PFDoS (20-150)	C3-3:3 FTCA (20-150)	C3-5:3 FTCA (20-150)
480-240008-1	RI-MW-1	48.6	94.9	84.7
480-240008-2	RI-MW-2	63.1	105	87.3
480-240008-3	RI-MW-3	65.1	113	91.3
480-240008-4	RI-MW-4	73.9	113	99.7
480-240008-4 MS	RI-MW-4	67.1	74.5	64.1
480-240008-4 MSD	RI-MW-4	60.0	103	90.5
LCS 410-846564/2-A	Lab Control Sample	60.0	83.6	81.4
LLCS 410-846564/3-A	Lab Control Sample	66.1	104	89.5
MB 410-846564/1-A	Method Blank	71.1	105	85.0

Surrogate Legend

PFBA = 13C4 PFBA

PFPeA = 13C5 PFPeA

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA
13C3-PFDoS = 13C3-PFDoS
C3-3:3 FTCA = 13C3-3:3 FTCA
C3-5:3 FTCA = 13C3-5:3 FTCA

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-779855/2-A
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779855

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
2-Hexanone	ND		25	2.5	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Acetone	ND		25	4.2	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Benzene	ND		5.0	0.25	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Bromoform	ND		5.0	2.5	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Bromomethane	ND		5.0	0.45	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Chloroethane	ND		5.0	1.1	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Chloroform	0.755	J	5.0	0.31	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Chloromethane	ND		5.0	0.30	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Cyclohexane	ND		5.0	0.70	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Methyl acetate	ND		25	3.0	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Toluene	ND		5.0	0.38	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Trichloroethene	ND		5.0	1.1	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Xylenes, Total	ND		10	0.84	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Styrene	ND		5.0	0.25	ug/Kg		07/02/26 18:25	07/02/26 21:35	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-779855/2-A
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779855

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg			N/A	07/02/26 18:25	07/02/26 21:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		64 - 126	07/02/26 18:25	07/02/26 21:35	1
4-Bromofluorobenzene (Surr)	104		72 - 126	07/02/26 18:25	07/02/26 21:35	1
Toluene-d8 (Surr)	88		71 - 125	07/02/26 18:25	07/02/26 21:35	1
Dibromofluoromethane (Surr)	103		60 - 140	07/02/26 18:25	07/02/26 21:35	1

Lab Sample ID: LCS 480-779855/1-A
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779855

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	56.3		ug/Kg		113	77 - 121
1,1,2,2-Tetrachloroethane	50.0	40.4		ug/Kg		81	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.3		ug/Kg		109	60 - 140
1,1,2-Trichloroethane	50.0	43.3		ug/Kg		87	78 - 122
1,1-Dichloroethane	50.0	54.9		ug/Kg		110	73 - 126
1,1-Dichloroethene	50.0	55.1		ug/Kg		110	59 - 125
1,2,4-Trichlorobenzene	50.0	38.3		ug/Kg		77	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	42.6		ug/Kg		85	63 - 124
1,2-Dichlorobenzene	50.0	38.1		ug/Kg		76	75 - 120
1,2-Dichloroethane	50.0	52.8		ug/Kg		106	77 - 122
1,2-Dichloropropane	50.0	54.7		ug/Kg		109	75 - 124
1,3-Dichlorobenzene	50.0	39.6		ug/Kg		79	74 - 120
1,4-Dichlorobenzene	50.0	38.2		ug/Kg		76	73 - 120
2-Butanone (MEK)	250	286		ug/Kg		114	70 - 134
2-Hexanone	250	239		ug/Kg		95	59 - 130
4-Methyl-2-pentanone (MIBK)	250	227		ug/Kg		91	65 - 133
Acetone	250	263		ug/Kg		105	61 - 137
Benzene	50.0	54.4		ug/Kg		109	79 - 127
Bromoform	50.0	48.9		ug/Kg		98	68 - 126
Bromomethane	50.0	60.6		ug/Kg		121	37 - 149
Carbon disulfide	50.0	54.1		ug/Kg		108	64 - 131
Carbon tetrachloride	50.0	59.9		ug/Kg		120	75 - 135
Chlorobenzene	50.0	42.3		ug/Kg		85	76 - 124
Dibromochloromethane	50.0	47.3		ug/Kg		95	76 - 125
Chloroethane	50.0	61.1		ug/Kg		122	69 - 135
Chloroform	50.0	51.0		ug/Kg		102	80 - 120
Chloromethane	50.0	65.5	*+	ug/Kg		131	63 - 127
cis-1,2-Dichloroethene	50.0	53.6		ug/Kg		107	81 - 120
Cyclohexane	50.0	56.9		ug/Kg		114	65 - 120
Bromodichloromethane	50.0	56.1		ug/Kg		112	80 - 122
Dichlorodifluoromethane	50.0	69.9		ug/Kg		140	57 - 142
Ethylbenzene	50.0	43.4		ug/Kg		87	80 - 120
1,2-Dibromoethane	50.0	43.7		ug/Kg		87	78 - 120
Isopropylbenzene	50.0	41.1		ug/Kg		82	72 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-779855/1-A
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779855

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	100	110		ug/Kg		110	55 - 136
Methyl tert-butyl ether	50.0	51.0		ug/Kg		102	63 - 125
Methylcyclohexane	50.0	55.8		ug/Kg		112	60 - 140
Methylene Chloride	50.0	56.8		ug/Kg		114	61 - 127
Tetrachloroethene	50.0	42.9		ug/Kg		86	74 - 122
Toluene	50.0	42.5		ug/Kg		85	74 - 128
trans-1,2-Dichloroethene	50.0	53.8		ug/Kg		108	78 - 126
trans-1,3-Dichloropropene	50.0	46.1		ug/Kg		92	73 - 123
Trichloroethene	50.0	54.9		ug/Kg		110	77 - 129
Trichlorofluoromethane	50.0	62.1		ug/Kg		124	65 - 146
Vinyl chloride	50.0	63.9		ug/Kg		128	61 - 133
cis-1,3-Dichloropropene	50.0	58.7		ug/Kg		117	80 - 120
Styrene	50.0	42.8		ug/Kg		86	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*
Toluene-d8 (Surr)	*89*		*71 - 125*
Dibromofluoromethane (Surr)	*105*		*60 - 140*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-779670/1-A
Matrix: Solid
Analysis Batch: 779734

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779670

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	32	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
bis (2-chloroisopropyl) ether	ND		170	35	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2,4,5-Trichlorophenol	ND		170	34	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2,4,6-Trichlorophenol	ND		170	26	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2,4-Dichlorophenol	ND		170	33	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2,4-Dimethylphenol	ND		170	36	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2,4-Dinitrophenol	ND		1700	32	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2,4-Dinitrotoluene	ND		170	23	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2,6-Dinitrotoluene	ND		170	24	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2-Chloronaphthalene	ND		170	32	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
1,4-Dioxane	ND		100	37	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2-Chlorophenol	ND		170	27	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2-Methylphenol	ND		170	27	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2-Methylnaphthalene	ND		170	27	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2-Nitroaniline	ND		330	29	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
2-Nitrophenol	ND		170	19	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
3,3'-Dichlorobenzidine	ND		330	50	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
3-Nitroaniline	ND		330	24	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
4,6-Dinitro-2-methylphenol	ND		330	37	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
4-Bromophenyl phenyl ether	ND		170	29	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
4-Chloro-3-methylphenol	ND		170	35	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
4-Chloroaniline	ND		170	24	ug/Kg		07/01/26 06:46	07/01/26 17:52	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-779670/1-A
Matrix: Solid
Analysis Batch: 779734

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779670

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		170	36	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
4-Methylphenol	ND		330	30	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
4-Nitroaniline	ND		330	25	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
4-Nitrophenol	ND		330	46	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Acenaphthene	ND		170	31	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Acenaphthylene	ND		170	33	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Acetophenone	ND		170	30	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Anthracene	ND		170	31	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Atrazine	ND		170	57	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Benzaldehyde	ND		170	130	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Benzo[a]anthracene	ND		170	23	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Benzo[a]pyrene	ND		170	29	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Benzo[b]fluoranthene	ND		170	23	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Benzo[g,h,i]perylene	ND		170	30	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Benzo[k]fluoranthene	ND		170	38	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Bis(2-chloroethoxy)methane	ND		170	32	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Bis(2-chloroethyl)ether	ND		170	32	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Bis(2-ethylhexyl) phthalate	ND		170	37	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Butyl benzyl phthalate	ND		170	31	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Caprolactam	ND		170	39	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Carbazole	ND		170	33	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Chrysene	ND		170	41	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Dibenz(a,h)anthracene	ND		170	34	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Di-n-butyl phthalate	ND		170	38	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Di-n-octyl phthalate	ND		170	32	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Dibenzofuran	ND		170	30	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Diethyl phthalate	ND		170	30	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Dimethyl phthalate	ND		170	33	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Fluoranthene	ND		170	31	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Fluorene	ND		170	31	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Hexachlorobenzene	ND		170	33	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Hexachlorobutadiene	ND		170	25	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Hexachlorocyclopentadiene	ND		330	74	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Hexachloroethane	ND		170	31	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Indeno[1,2,3-cd]pyrene	ND		170	25	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Isophorone	ND		170	35	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
N-Nitrosodi-n-propylamine	ND		170	38	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
N-Nitrosodiphenylamine	ND		170	28	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Naphthalene	ND		170	28	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Nitrobenzene	ND		170	28	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Pentachlorophenol	ND		330	54	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Phenanthrene	ND		170	32	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Phenol	ND		170	31	ug/Kg		07/01/26 06:46	07/01/26 17:52	1
Pyrene	ND		170	32	ug/Kg		07/01/26 06:46	07/01/26 17:52	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*7090*	*T J*	*ug/Kg*		*2.00*	*N/A*	*07/01/26 06:46*	*07/01/26 17:52*	*1*
Unknown	*7900*	*T J*	*ug/Kg*		*3.49*	*N/A*	*07/01/26 06:46*	*07/01/26 17:52*	*1*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-779670/1-A
Matrix: Solid
Analysis Batch: 779734

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779670

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	204	T J	ug/Kg		9.12	N/A	07/01/26 06:46	07/01/26 17:52	1
Unknown	272	T J	ug/Kg		10.06	N/A	07/01/26 06:46	07/01/26 17:52	1
Column Bleed	284	T J	ug/Kg		10.81	N/A	07/01/26 06:46	07/01/26 17:52	1
Unknown	309	T J	ug/Kg		11.41	N/A	07/01/26 06:46	07/01/26 17:52	1
Unknown	296	T J	ug/Kg		11.93	N/A	07/01/26 06:46	07/01/26 17:52	1
Unknown	401	T J	ug/Kg		12.38	N/A	07/01/26 06:46	07/01/26 17:52	1
Unknown	379	T J	ug/Kg		12.77	N/A	07/01/26 06:46	07/01/26 17:52	1
Unknown	144	T J	ug/Kg		12.98	N/A	07/01/26 06:46	07/01/26 17:52	1
Unknown	427	T J	ug/Kg		13.15	N/A	07/01/26 06:46	07/01/26 17:52	1
Pentacosane	158	T J N	ug/Kg		13.26	629-99-2	07/01/26 06:46	07/01/26 17:52	1
Unknown	438	T J	ug/Kg		13.50	N/A	07/01/26 06:46	07/01/26 17:52	1
Eicosane	135	T J N	ug/Kg		13.53	112-95-8	07/01/26 06:46	07/01/26 17:52	1
Unknown	416	T J	ug/Kg		13.83	N/A	07/01/26 06:46	07/01/26 17:52	1
Column Bleed	358	T J	ug/Kg		14.15	N/A	07/01/26 06:46	07/01/26 17:52	1
Column Bleed	300	T J	ug/Kg		14.45	N/A	07/01/26 06:46	07/01/26 17:52	1
Unknown	222	T J	ug/Kg		14.77	N/A	07/01/26 06:46	07/01/26 17:52	1
Unknown	204	T J	ug/Kg		15.12	N/A	07/01/26 06:46	07/01/26 17:52	1
Unknown	164	T J	ug/Kg		15.51	N/A	07/01/26 06:46	07/01/26 17:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	84		22 - 120	07/01/26 06:46	07/01/26 17:52	1
Phenol-d5 (Surr)	85		23 - 120	07/01/26 06:46	07/01/26 17:52	1
p-Terphenyl-d14 (Surr)	112		28 - 124	07/01/26 06:46	07/01/26 17:52	1
2,4,6-Tribromophenol (Surr)	90		10 - 140	07/01/26 06:46	07/01/26 17:52	1
2-Fluorobiphenyl (Surr)	84		29 - 120	07/01/26 06:46	07/01/26 17:52	1
2-Fluorophenol (Surr)	83		18 - 120	07/01/26 06:46	07/01/26 17:52	1

Lab Sample ID: LCS 480-779670/2-A
Matrix: Solid
Analysis Batch: 779734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	2670	1930		ug/Kg		72	47 - 120
bis (2-chloroisopropyl) ether	2670	1800		ug/Kg		67	31 - 120
2,4,5-Trichlorophenol	2670	2000		ug/Kg		75	52 - 120
2,4,6-Trichlorophenol	2670	2100		ug/Kg		79	51 - 120
2,4-Dichlorophenol	2670	2040		ug/Kg		76	44 - 120
2,4-Dimethylphenol	2670	2040		ug/Kg		76	48 - 120
2,4-Dinitrophenol	5330	4800		ug/Kg		90	28 - 120
2,4-Dinitrotoluene	2670	2230		ug/Kg		83	55 - 125
2,6-Dinitrotoluene	2670	2200		ug/Kg		83	51 - 125
2-Chloronaphthalene	2670	1940		ug/Kg		73	46 - 120
1,4-Dioxane	2670	1230		ug/Kg		46	22 - 120
2-Chlorophenol	2670	1990		ug/Kg		75	40 - 120
2-Methylphenol	2670	2050		ug/Kg		77	41 - 120
2-Methylnaphthalene	2670	1930		ug/Kg		72	45 - 120
2-Nitroaniline	2670	2100		ug/Kg		79	51 - 125
2-Nitrophenol	2670	2130		ug/Kg		80	43 - 120

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-779670/2-A
Matrix: Solid
Analysis Batch: 779734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3,3'-Dichlorobenzidine	2670	1950		ug/Kg		73	10 - 120
3-Nitroaniline	2670	2050		ug/Kg		77	33 - 120
4,6-Dinitro-2-methylphenol	5330	5080		ug/Kg		95	49 - 126
4-Bromophenyl phenyl ether	2670	2180		ug/Kg		82	55 - 123
4-Chloro-3-methylphenol	2670	2120		ug/Kg		80	54 - 120
4-Chloroaniline	2670	1890		ug/Kg		71	20 - 120
4-Chlorophenyl phenyl ether	2670	2130		ug/Kg		80	54 - 120
4-Methylphenol	2670	2080		ug/Kg		78	43 - 120
4-Nitroaniline	2670	2090		ug/Kg		78	54 - 120
4-Nitrophenol	5330	4500		ug/Kg		84	47 - 120
Acenaphthene	2670	2000		ug/Kg		75	49 - 121
Acenaphthylene	2670	1960		ug/Kg		73	49 - 120
Acetophenone	2670	1970		ug/Kg		74	39 - 120
Anthracene	2670	2140		ug/Kg		80	57 - 120
Atrazine	2670	2540		ug/Kg		95	44 - 120
Benzaldehyde	2670	2080		ug/Kg		78	10 - 120
Benzo[a]anthracene	2670	2180		ug/Kg		82	58 - 120
Benzo[a]pyrene	2670	2200		ug/Kg		83	59 - 122
Benzo[b]fluoranthene	2670	2410		ug/Kg		91	56 - 120
Benzo[g,h,i]perylene	2670	2160		ug/Kg		81	56 - 132
Benzo[k]fluoranthene	2670	2090		ug/Kg		79	59 - 127
Bis(2-chloroethoxy)methane	2670	1940		ug/Kg		73	42 - 120
Bis(2-chloroethyl)ether	2670	1900		ug/Kg		71	34 - 120
Bis(2-ethylhexyl) phthalate	2670	2180		ug/Kg		82	49 - 130
Butyl benzyl phthalate	2670	2190		ug/Kg		82	50 - 122
Caprolactam	2670	2030		ug/Kg		76	10 - 120
Carbazole	2670	2210		ug/Kg		83	58 - 124
Chrysene	2670	2150		ug/Kg		81	57 - 120
Dibenz(a,h)anthracene	2670	2170		ug/Kg		81	53 - 124
Di-n-butyl phthalate	2670	2180		ug/Kg		82	49 - 120
Di-n-octyl phthalate	2670	2140		ug/Kg		80	42 - 125
Dibenzofuran	2670	2030		ug/Kg		76	53 - 120
Diethyl phthalate	2670	2110		ug/Kg		79	54 - 120
Dimethyl phthalate	2670	2060		ug/Kg		77	53 - 120
Fluoranthene	2670	2170		ug/Kg		81	57 - 121
Fluorene	2670	2080		ug/Kg		78	55 - 121
Hexachlorobenzene	2670	2170		ug/Kg		82	56 - 120
Hexachlorobutadiene	2670	1810		ug/Kg		68	40 - 120
Hexachlorocyclopentadiene	2670	1740		ug/Kg		65	30 - 125
Hexachloroethane	2670	1710		ug/Kg		64	34 - 120
Indeno[1,2,3-cd]pyrene	2670	2170		ug/Kg		81	53 - 125
Isophorone	2670	1990		ug/Kg		75	46 - 120
N-Nitrosodi-n-propylamine	2670	2040		ug/Kg		76	41 - 120
N-Nitrosodiphenylamine	2670	2100		ug/Kg		79	57 - 126
Naphthalene	2670	1820		ug/Kg		68	43 - 120
Nitrobenzene	2670	1960		ug/Kg		73	40 - 120
Pentachlorophenol	5330	4570		ug/Kg		86	10 - 124
Phenanthrene	2670	2090		ug/Kg		78	57 - 120
Phenol	2670	2000		ug/Kg		75	37 - 120

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-779670/2-A
Matrix: Solid
Analysis Batch: 779734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779670

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pyrene			2670	2210		ug/Kg		83	59 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*79*		*22 - 120*
Phenol-d5 (Surr)	*81*		*23 - 120*
p-Terphenyl-d14 (Surr)	*94*		*28 - 124*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 140*
2-Fluorobiphenyl (Surr)	*80*		*29 - 120*
2-Fluorophenol (Surr)	*78*		*18 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-779730/1-A
Matrix: Solid
Analysis Batch: 779771

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779730

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.3	0.65	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
4,4'-DDE	ND		3.3	0.70	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
4,4'-DDT	ND		3.3	0.78	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
beta-BHC	ND		3.3	0.60	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
cis-Chlordane	ND		3.3	1.7	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
alpha-BHC	ND		3.3	0.60	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Aldrin	ND		3.3	0.82	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
delta-BHC	ND		3.3	0.62	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Dieldrin	ND		3.3	0.80	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Endosulfan I	ND		3.3	0.64	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Endosulfan II	ND		3.3	0.60	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Endosulfan sulfate	ND		3.3	0.62	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Endrin	ND		3.3	0.66	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Endrin aldehyde	ND		3.3	0.85	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Endrin ketone	ND		3.3	0.82	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
gamma-BHC (Lindane)	ND		3.3	0.61	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
trans-Chlordane	ND		3.3	1.1	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Heptachlor	ND		3.3	0.72	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Heptachlor epoxide	ND		3.3	0.86	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Methoxychlor	ND		3.3	0.68	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Toxaphene	ND		33	19	ug/Kg		07/01/26 13:26	07/02/26 08:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*45 - 120*	*07/01/26 13:26*	*07/02/26 08:47*	*1*
DCB Decachlorobiphenyl	*95*		*45 - 120*	*07/01/26 13:26*	*07/02/26 08:47*	*1*
Tetrachloro-m-xylene	*103*		*30 - 124*	*07/01/26 13:26*	*07/02/26 08:47*	*1*
Tetrachloro-m-xylene	*82*		*30 - 124*	*07/01/26 13:26*	*07/02/26 08:47*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-779730/2-A
Matrix: Solid
Analysis Batch: 779771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779730

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	33.3	31.2		ug/Kg		94	56 - 120
4,4'-DDE	33.3	30.2		ug/Kg		91	44 - 120
4,4'-DDT	33.3	32.8		ug/Kg		98	38 - 120
beta-BHC	33.3	26.9		ug/Kg		81	40 - 120
cis-Chlordane	33.3	30.3		ug/Kg		91	47 - 120
alpha-BHC	33.3	26.6		ug/Kg		80	39 - 120
Aldrin	33.3	27.9		ug/Kg		84	38 - 120
delta-BHC	33.3	27.8		ug/Kg		83	45 - 120
Dieldrin	33.3	31.3		ug/Kg		94	58 - 120
Endosulfan I	33.3	32.0		ug/Kg		96	49 - 120
Endosulfan II	33.3	32.5		ug/Kg		97	55 - 120
Endosulfan sulfate	33.3	31.4		ug/Kg		94	49 - 124
Endrin	33.3	32.8		ug/Kg		98	58 - 120
Endrin aldehyde	33.3	30.2		ug/Kg		91	37 - 121
Endrin ketone	33.3	31.1		ug/Kg		93	46 - 123
gamma-BHC (Lindane)	33.3	25.8		ug/Kg		77	50 - 120
trans-Chlordane	33.3	28.1		ug/Kg		84	48 - 120
Heptachlor	33.3	29.1		ug/Kg		87	50 - 120
Heptachlor epoxide	33.3	31.2		ug/Kg		94	50 - 120
Methoxychlor	33.3	31.3		ug/Kg		94	58 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*96*		*45 - 120*
DCB Decachlorobiphenyl	*94*		*45 - 120*
Tetrachloro-m-xylene	*95*		*30 - 124*
Tetrachloro-m-xylene	*80*		*30 - 124*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-779671/1-A
Matrix: Solid
Analysis Batch: 779683

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg		07/01/26 06:53	07/01/26 15:15	1
PCB-1221	ND		0.25	0.049	mg/Kg		07/01/26 06:53	07/01/26 15:15	1
PCB-1232	ND		0.25	0.049	mg/Kg		07/01/26 06:53	07/01/26 15:15	1
PCB-1242	ND		0.25	0.049	mg/Kg		07/01/26 06:53	07/01/26 15:15	1
PCB-1248	ND		0.25	0.049	mg/Kg		07/01/26 06:53	07/01/26 15:15	1
PCB-1254	ND		0.25	0.12	mg/Kg		07/01/26 06:53	07/01/26 15:15	1
PCB-1260	ND		0.25	0.12	mg/Kg		07/01/26 06:53	07/01/26 15:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*60 - 154*	*07/01/26 06:53*	*07/01/26 15:15*	*1*
Tetrachloro-m-xylene	*115*		*60 - 154*	*07/01/26 06:53*	*07/01/26 15:15*	*1*
DCB Decachlorobiphenyl	*109*		*65 - 174*	*07/01/26 06:53*	*07/01/26 15:15*	*1*
DCB Decachlorobiphenyl	*106*		*65 - 174*	*07/01/26 06:53*	*07/01/26 15:15*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-779671/2-A
Matrix: Solid
Analysis Batch: 779683

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779671

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			2.50	2.47		mg/Kg		99	51 - 185		
PCB-1260			2.50	2.55		mg/Kg		102	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*106*		*60 - 154*
Tetrachloro-m-xylene	*121*		*60 - 154*
DCB Decachlorobiphenyl	*117*		*65 - 174*
DCB Decachlorobiphenyl	*111*		*65 - 174*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-846564/1-A
Matrix: Solid
Analysis Batch: 851150

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 846564

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g		07/06/26 10:45	07/14/26 18:12	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g		07/06/26 10:45	07/14/26 18:12	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-846564/1-A
Matrix: Solid
Analysis Batch: 851150

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 846564

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g		07/06/26 10:45	07/14/26 18:12	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g		07/06/26 10:45	07/14/26 18:12	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g		07/06/26 10:45	07/14/26 18:12	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g		07/06/26 10:45	07/14/26 18:12	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g		07/06/26 10:45	07/14/26 18:12	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g		07/06/26 10:45	07/14/26 18:12	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.6*		*8 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C5 PFPeA	*89.2*		*35 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C5 PFHxA	*88.7*		*40 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C4 PFHpA	*82.6*		*40 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C8 PFOA	*84.3*		*40 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C9 PFNA	*88.8*		*40 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C6 PFDA	*85.8*		*40 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C7 PFUnA	*86.7*		*40 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C2 PFTeDA	*78.4*		*20 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C3 PFBS	*84.4*		*40 - 135*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C3 PFHxS	*83.1*		*40 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C8 PFOS	*81.6*		*40 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C8 FOSA	*79.6*		*40 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
d3-NMeFOSAA	*84.8*		*40 - 135*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
d5-NEtFOSAA	*77.4*		*40 - 150*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C2 4:2 FTS	*119*		*40 - 165*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C2 6:2 FTS	*107*		*40 - 215*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C2 8:2 FTS	*105*		*40 - 275*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
13C3 HFPO-DA	*75.7*		*40 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
d7-N-MeFOSE-M	*50.9*		*20 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
d9-N-EtFOSE-M	*45.8*		*15 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*
d5-NEtPFOSA	*54.6*		*10 - 130*	*07/06/26 10:45*	*07/14/26 18:12*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-846564/1-A
Matrix: Solid
Analysis Batch: 851150

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 846564

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d3-NMePFOSA	61.7		10 - 130	07/06/26 10:45	07/14/26 18:12	1
13C2 PFDoA	79.4		40 - 130	07/06/26 10:45	07/14/26 18:12	1
13C3-PFDoS	71.1		20 - 150	07/06/26 10:45	07/14/26 18:12	1
13C3-3:3 FTCA	105		20 - 150	07/06/26 10:45	07/14/26 18:12	1
13C3-5:3 FTCA	85.0		20 - 150	07/06/26 10:45	07/14/26 18:12	1

Lab Sample ID: LCS 410-846564/2-A
Matrix: Solid
Analysis Batch: 851148

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.93	4.12		ng/g		84	70 - 140
Perfluoropentanoic acid (PFPeA)	2.46	1.86		ng/g		76	60 - 150
Perfluorohexanoic acid (PFHxA)	2.46	1.98		ng/g		80	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.46	2.00		ng/g		81	65 - 145
Perfluorooctanoic acid (PFOA)	2.46	1.92		ng/g		78	70 - 150
Perfluorononanoic acid (PFNA)	2.46	1.91		ng/g		77	70 - 155
Perfluorodecanoic acid (PFDA)	2.46	1.90		ng/g		77	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.46	2.02		ng/g		82	70 - 155
Perfluorododecanoic acid (PFDoA)	2.46	2.06		ng/g		84	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.46	1.73		ng/g		70	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.46	1.94		ng/g		79	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.19	1.68		ng/g		77	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.32	1.87		ng/g		81	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.25	1.89		ng/g		84	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.35	1.80		ng/g		77	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.29	2.01		ng/g		88	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.37	1.80		ng/g		76	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.37	1.47		ng/g		62	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.39	1.88		ng/g		79	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.62	3.74		ng/g		81	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.69	3.70		ng/g		79	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.73	4.01		ng/g		85	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.46	2.08		ng/g		84	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.46	2.06		ng/g		84	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-846564/2-A
Matrix: Solid
Analysis Batch: 851148

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846564

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.46	2.31		ng/g		94	70 - 140		
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.46	2.04		ng/g		83	65 - 155		
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.46	2.03		ng/g		82	65 - 165		
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.3	10.6		ng/g		86	70 - 140		
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.3	10.7		ng/g		87	70 - 135		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.85	1.55		ng/g		84	70 - 145		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.33	1.99		ng/g		85	70 - 160		
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.46	1.99		ng/g		81	30 - 140		
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.46	1.80		ng/g		73	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.46	1.91		ng/g		77	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.30	1.81		ng/g		79	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.33	1.56		ng/g		67	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.20	1.74		ng/g		79	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			4.93	3.66		ng/g		74	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.3	8.62		ng/g		70	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.3	7.77		ng/g		63	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*79.0*		*8 - 130*
13C5 PFPeA	*86.4*		*35 - 130*
13C5 PFHxA	*81.1*		*40 - 130*
13C4 PFHpA	*80.5*		*40 - 130*
13C8 PFOA	*77.6*		*40 - 130*
13C9 PFNA	*78.5*		*40 - 130*
13C6 PFDA	*77.1*		*40 - 130*
13C7 PFUnA	*74.8*		*40 - 130*
13C2 PFTeDA	*68.1*		*20 - 130*
13C3 PFBS	*82.0*		*40 - 135*
13C3 PFHxS	*79.4*		*40 - 130*
13C8 PFOS	*79.9*		*40 - 130*
13C8 FOSA	*60.9*		*40 - 130*
d3-NMeFOSAA	*60.6*		*40 - 135*
d5-NEtFOSAA	*58.2*		*40 - 150*
13C2 4:2 FTS	*83.5*		*40 - 165*
13C2 6:2 FTS	*80.2*		*40 - 215*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-846564/2-A
Matrix: Solid
Analysis Batch: 851148

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846564

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C2 8:2 FTS	78.2		40 - 275
13C3 HFPO-DA	78.8		40 - 130
d7-N-MeFOSE-M	42.8		20 - 130
d9-N-EtFOSE-M	41.5		15 - 130
d5-NEtPFOSA	46.2		10 - 130
d3-NMePFOSA	54.8		10 - 130
13C2 PFDoA	68.9		40 - 130
13C3-PFDoS	60.0		20 - 150
13C3-3:3 FTCA	83.6		20 - 150
13C3-5:3 FTCA	81.4		20 - 150

Lab Sample ID: LLCS 410-846564/3-A
Matrix: Solid
Analysis Batch: 851150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846564

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.498	0.440		ng/g		88	70 - 140
Perfluoropentanoic acid (PFPeA)	0.249	0.212		ng/g		85	60 - 150
Perfluorohexanoic acid (PFHxA)	0.249	0.199	J I	ng/g		80	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.249	0.223		ng/g		90	65 - 145
Perfluorooctanoic acid (PFOA)	0.249	0.201		ng/g		81	70 - 150
Perfluorononanoic acid (PFNA)	0.249	0.198	J	ng/g		79	70 - 155
Perfluorodecanoic acid (PFDA)	0.249	0.201		ng/g		81	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.249	0.209		ng/g		84	70 - 155
Perfluorododecanoic acid (PFDoA)	0.249	0.244		ng/g		98	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.249	0.236		ng/g		95	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.249	0.230		ng/g		93	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.221	0.181	J	ng/g		82	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.234	0.204		ng/g		87	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.227	0.211		ng/g		93	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.237	0.218		ng/g		92	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.231	0.208		ng/g		90	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.239	0.188	J	ng/g		79	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.240	0.175	J	ng/g		73	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.241	0.196	J	ng/g		81	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.467	0.411		ng/g		88	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.474	0.404		ng/g		85	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.478	0.355	J	ng/g		74	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-846564/3-A
Matrix: Solid
Analysis Batch: 851150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846564

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonamide (PFOSA)	0.249	0.192	J	ng/g		77	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.249	0.208		ng/g		84	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.249	0.249		ng/g		100	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.249	0.242		ng/g		97	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.249	0.219		ng/g		88	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.24	1.11		ng/g		89	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.24	1.18		ng/g		95	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.187	0.172	J	ng/g		92	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.235	0.235		ng/g		100	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.249	0.205		ng/g		82	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.249	0.208		ng/g		84	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.249	0.172	J	ng/g		69	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.232	0.198	J	ng/g		85	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.235	0.162	J	ng/g		69	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.222	0.172	J	ng/g		78	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.498	0.435		ng/g		88	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.24	1.03		ng/g		83	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.24	1.01		ng/g		82	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*81.8*		*8 - 130*
13C5 PFPeA	*91.1*		*35 - 130*
13C5 PFHxA	*94.5*		*40 - 130*
13C4 PFHpA	*84.2*		*40 - 130*
13C8 PFOA	*85.6*		*40 - 130*
13C9 PFNA	*87.2*		*40 - 130*
13C6 PFDA	*81.0*		*40 - 130*
13C7 PFUnA	*78.6*		*40 - 130*
13C2 PFTeDA	*57.3*		*20 - 130*
13C3 PFBS	*86.3*		*40 - 135*
13C3 PFHxS	*83.7*		*40 - 130*
13C8 PFOS	*82.9*		*40 - 130*
13C8 FOSA	*72.7*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-846564/3-A
Matrix: Solid
Analysis Batch: 851150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846564

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
d3-NMeFOSAA	74.0		40 - 135
d5-NEtFOSAA	67.7		40 - 150
13C2 4:2 FTS	105		40 - 165
13C2 6:2 FTS	104		40 - 215
13C2 8:2 FTS	107		40 - 275
13C3 HFPO-DA	77.3		40 - 130
d7-N-MeFOSE-M	52.9		20 - 130
d9-N-EtFOSE-M	49.8		15 - 130
d5-NEtPFOSA	47.9		10 - 130
d3-NMePFOSA	54.8		10 - 130
13C2 PFDoA	71.1		40 - 130
13C3-PFDoS	66.1		20 - 150
13C3-3:3 FTCA	104		20 - 150
13C3-5:3 FTCA	89.5		20 - 150

Lab Sample ID: 480-240008-4 MS
Matrix: Solid
Analysis Batch: 851150

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 846564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	ND		4.98	4.45		ng/g	☼	89	70 - 140
Perfluoropentanoic acid (PFPeA)	ND		2.49	1.94		ng/g	☼	78	60 - 150
Perfluorohexanoic acid (PFHxA)	ND		2.49	1.98		ng/g	☼	79	65 - 140
Perfluoroheptanoic acid (PFHpA)	ND		2.49	1.96		ng/g	☼	79	65 - 145
Perfluorooctanoic acid (PFOA)	ND		2.49	1.78		ng/g	☼	71	70 - 150
Perfluorononanoic acid (PFNA)	ND		2.49	1.82		ng/g	☼	73	70 - 155
Perfluorodecanoic acid (PFDA)	ND		2.49	1.87		ng/g	☼	75	70 - 155
Perfluoroundecanoic acid (PFUnA)	ND		2.49	2.12		ng/g	☼	85	70 - 155
Perfluorododecanoic acid (PFDoA)	ND		2.49	2.37		ng/g	☼	95	70 - 150
Perfluorotridecanoic acid (PFTrDA)	ND		2.49	1.86		ng/g	☼	74	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	ND		2.49	2.23		ng/g	☼	90	65 - 150
Perfluorobutanesulfonic acid (PFBS)	ND		2.21	1.74		ng/g	☼	78	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		2.34	1.86		ng/g	☼	79	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	ND		2.27	1.96		ng/g	☼	86	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.38	1.92		ng/g	☼	81	65 - 155
Perfluorooctanesulfonic acid (PFOS)	ND		2.32	1.97		ng/g	☼	85	65 - 160
Perfluorononanesulfonic acid (PFNS)	ND		2.40	2.20		ng/g	☼	92	55 - 140
Perfluorodecanesulfonic acid (PFDS)	ND		2.40	2.03		ng/g	☼	85	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	ND		2.42	1.98		ng/g	☼	82	25 - 160

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240008-4 MS
Matrix: Solid
Analysis Batch: 851150

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 846564

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.67	3.93		ng/g	☼	84	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.74	3.84		ng/g	☼	81	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.78	4.02		ng/g	☼	84	70 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		2.49	2.21		ng/g	☼	89	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.49	2.18		ng/g	☼	88	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.49	2.24		ng/g	☼	90	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.49	1.91		ng/g	☼	77	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.49	2.07		ng/g	☼	83	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.5	10.2		ng/g	☼	82	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.5	11.7		ng/g	☼	94	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.87	1.78		ng/g	☼	95	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.36	2.26		ng/g	☼	96	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.49	2.20		ng/g	☼	88	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.49	1.99		ng/g	☼	80	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.49	2.00		ng/g	☼	80	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.33	2.08		ng/g	☼	89	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.35	1.98		ng/g	☼	84	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.22	1.80		ng/g	☼	81	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.98	3.32		ng/g	☼	67	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.5	8.16		ng/g	☼	66	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND	F1	12.5	7.31	F1	ng/g	☼	59	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*63.0*		*8 - 130*
13C5 PFPeA	*64.5*		*35 - 130*
13C5 PFHxA	*62.7*		*40 - 130*
13C4 PFHpA	*59.7*		*40 - 130*
13C8 PFOA	*59.2*		*40 - 130*
13C9 PFNA	*59.9*		*40 - 130*
13C6 PFDA	*65.7*		*40 - 130*
13C7 PFUnA	*69.7*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240008-4 MS
Matrix: Solid
Analysis Batch: 851150

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 846564

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2 PFTeDA	76.3		20 - 130
13C3 PFBS	57.2		40 - 135
13C3 PFHxS	59.6		40 - 130
13C8 PFOS	70.7		40 - 130
13C8 FOSA	57.8		40 - 130
d3-NMeFOSAA	70.5		40 - 135
d5-NEtFOSAA	71.4		40 - 150
13C2 4:2 FTS	86.6		40 - 165
13C2 6:2 FTS	79.7		40 - 215
13C2 8:2 FTS	91.6		40 - 275
13C3 HFPO-DA	54.0		40 - 130
d7-N-MeFOSE-M	53.2		20 - 130
d9-N-EtFOSE-M	49.0		15 - 130
d5-NEtPFOSA	51.3		10 - 130
d3-NMePFOSA	53.0		10 - 130
13C2 PFDoA	70.7		40 - 130
13C3-PFDoS	67.1		20 - 150
13C3-3:3 FTCA	74.5		20 - 150
13C3-5:3 FTCA	64.1		20 - 150

Lab Sample ID: 480-240008-4 MSD
Matrix: Solid
Analysis Batch: 851150

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 846564

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	ND		4.90	4.41		ng/g	☼	90	70 - 140	1	30
Perfluoropentanoic acid (PFPeA)	ND		2.45	1.90		ng/g	☼	78	60 - 150	2	30
Perfluorohexanoic acid (PFHxA)	ND		2.45	1.88		ng/g	☼	77	65 - 140	5	30
Perfluoroheptanoic acid (PFHpA)	ND		2.45	1.97		ng/g	☼	80	65 - 145	0	30
Perfluorooctanoic acid (PFOA)	ND		2.45	1.91		ng/g	☼	78	70 - 150	7	30
Perfluorononanoic acid (PFNA)	ND		2.45	1.88		ng/g	☼	77	70 - 155	3	30
Perfluorodecanoic acid (PFDA)	ND		2.45	1.98		ng/g	☼	81	70 - 155	6	30
Perfluoroundecanoic acid (PFUnA)	ND		2.45	2.14		ng/g	☼	87	70 - 155	1	30
Perfluorododecanoic acid (PFDoA)	ND		2.45	2.34		ng/g	☼	96	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)	ND		2.45	2.06		ng/g	☼	84	65 - 150	10	30
Perfluorotetradecanoic acid (PFTeDA)	ND		2.45	2.46		ng/g	☼	100	65 - 150	10	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.17	1.71		ng/g	☼	79	65 - 145	1	30
Perfluoropentanesulfonic acid (PFPeS)	ND		2.30	1.94		ng/g	☼	84	55 - 160	4	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.23	1.91		ng/g	☼	85	60 - 150	2	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.34	2.10		ng/g	☼	90	65 - 155	9	30
Perfluorooctanesulfonic acid (PFOS)	ND		2.28	2.01		ng/g	☼	88	65 - 160	2	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240008-4 MSD
Matrix: Solid
Analysis Batch: 851150

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 846564

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorononanesulfonic acid (PFNS)	ND		2.36	2.07		ng/g	☼	88	55 - 140	7	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.36	1.84		ng/g	☼	78	40 - 155	10	30
Perfluorododecanesulfonic acid (PFDoS)	ND		2.38	1.95		ng/g	☼	82	25 - 160	1	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.59	3.96		ng/g	☼	86	60 - 150	1	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.66	3.83		ng/g	☼	82	55 - 200	0	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.70	3.82		ng/g	☼	81	70 - 150	5	30
Perfluorooctanesulfonamide (PFOSA)	ND		2.45	2.25		ng/g	☼	92	70 - 140	2	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.45	2.12		ng/g	☼	86	70 - 155	3	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.45	2.46		ng/g	☼	101	70 - 140	10	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.45	1.95		ng/g	☼	80	65 - 155	2	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.45	2.02		ng/g	☼	82	65 - 165	3	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.2	11.1		ng/g	☼	91	70 - 140	8	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.2	11.4		ng/g	☼	93	70 - 135	2	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.84	1.68		ng/g	☼	92	70 - 145	6	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.32	2.33		ng/g	☼	100	70 - 160	3	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.45	2.06		ng/g	☼	84	30 - 140	6	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.45	1.80		ng/g	☼	74	60 - 150	10	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.45	1.89		ng/g	☼	77	60 - 155	5	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.29	2.07		ng/g	☼	90	70 - 150	0	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.31	1.82		ng/g	☼	79	45 - 160	9	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.18	1.64		ng/g	☼	75	70 - 140	9	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.90	3.23		ng/g	☼	66	45 - 130	3	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.2	8.20		ng/g	☼	67	60 - 130	1	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND	F1	12.2	7.62		ng/g	☼	62	60 - 150	4	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*80.1*		*8 - 130*
13C5 PFPeA	*92.5*		*35 - 130*
13C5 PFHxA	*89.3*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240008-4 MSD
Matrix: Solid
Analysis Batch: 851150

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 846564

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFHpA	82.3		40 - 130
13C8 PFOA	82.9		40 - 130
13C9 PFNA	81.5		40 - 130
13C6 PFDA	79.3		40 - 130
13C7 PFUnA	75.1		40 - 130
13C2 PFTeDA	64.8		20 - 130
13C3 PFBS	79.7		40 - 135
13C3 PFHxS	77.6		40 - 130
13C8 PFOS	72.9		40 - 130
13C8 FOSA	71.2		40 - 130
d3-NMeFOSAA	84.8		40 - 135
d5-NEtFOSAA	82.8		40 - 150
13C2 4:2 FTS	116		40 - 165
13C2 6:2 FTS	108		40 - 215
13C2 8:2 FTS	107		40 - 275
13C3 HFPO-DA	75.3		40 - 130
d7-N-MeFOSE-M	47.3		20 - 130
d9-N-EtFOSE-M	40.1		15 - 130
d5-NEtPFOSA	48.4		10 - 130
d3-NMePFOSA	59.9		10 - 130
13C2 PFDoA	67.9		40 - 130
13C3-PFDoS	60.0		20 - 150
13C3-3:3 FTCA	103		20 - 150
13C3-5:3 FTCA	90.5		20 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-779744/1-A
Matrix: Solid
Analysis Batch: 779918

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10.3	8.9	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Antimony	ND		15.5	0.55	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Arsenic	ND		2.1	0.91	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Barium	ND		0.52	0.14	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Beryllium	ND		0.21	0.041	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Cadmium	ND		0.21	0.072	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Calcium	ND		51.5	27.8	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Chromium	ND		0.52	0.37	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Cobalt	ND		0.52	0.10	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Copper	ND		1.0	0.59	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Iron	ND		10.3	8.7	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Lead	ND		1.0	0.47	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Magnesium	ND		20.6	8.7	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Manganese	ND		1.0	0.29	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Nickel	ND		5.2	0.26	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Potassium	ND		30.9	25.0	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Selenium	ND		4.1	0.82	mg/Kg		07/01/26 16:08	07/02/26 17:24	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 480-779744/1-A
Matrix: Solid
Analysis Batch: 779918

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5+	0.62	0.21	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Sodium	ND		144	63.2	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Thallium	ND		6.2	0.78	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Vanadium	ND		0.52	0.13	mg/Kg		07/01/26 16:08	07/02/26 17:24	1
Zinc	ND		2.1	1.1	mg/Kg		07/01/26 16:08	07/02/26 17:24	1

Lab Sample ID: LCSSRM 480-779744/2-A
Matrix: Solid
Analysis Batch: 779918

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779744

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7680	7916		mg/Kg		103.1	38.7 - 126.3
Antimony	221	72.08		mg/Kg		32.6	10.0 - 126.7
Arsenic	326	246.8		mg/Kg		75.7	58.9 - 110.1
Barium	333	281.9		mg/Kg		84.7	66.4 - 110.8
Beryllium	234	194.2		mg/Kg		83.0	66.7 - 111.1
Cadmium	184	146.3		mg/Kg		79.5	63.6 - 109.8
Calcium	4280	3734		mg/Kg		87.2	67.1 - 120.3
Chromium	137	116.3		mg/Kg		84.9	61.8 - 114.6
Cobalt	230	220.6		mg/Kg		95.9	67.8 - 113.0
Copper	193	154.9		mg/Kg		80.2	66.8 - 111.4
Iron	7360	7159		mg/Kg		97.3	10.0 - 179.3
Lead	272	261.2		mg/Kg		96.0	66.5 - 113.6
Magnesium	2300	2049		mg/Kg		89.1	52.6 - 123.9
Manganese	798	659.7		mg/Kg		82.7	69.4 - 110.0
Nickel	292	244.9		mg/Kg		83.9	61.3 - 113.7
Potassium	2380	2134		mg/Kg		89.7	51.3 - 121.4
Selenium	103	83.00		mg/Kg		80.6	55.8 - 117.5
Silver	57.7	47.55		mg/Kg		82.4	64.1 - 118.9
Sodium	288	247.6		mg/Kg		86.0	48.3 - 137.5
Thallium	194	174.9		mg/Kg		90.2	61.3 - 111.9
Vanadium	272	225.8		mg/Kg		83.0	65.8 - 109.9
Zinc	404	368.0		mg/Kg		91.1	61.6 - 114.4

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-780029/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 780088
Prep Batch: 780029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021	0.0048	mg/Kg		07/07/26 11:43	07/07/26 15:16	1

Lab Sample ID: LCSSRM 480-780029/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 780088
Prep Batch: 780029

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	6.49	6.66		mg/Kg		102.6	60.1 - 140.1

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-779852/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779868
Prep Batch: 779852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.90	0.44	mg/Kg		07/02/26 14:15	07/02/26 18:08	1

Lab Sample ID: LCS 480-779852/3-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779868
Prep Batch: 779852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.395		mg/Kg		99	29 - 122

Lab Sample ID: LCS 480-779852/4-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779868
Prep Batch: 779852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.251		mg/Kg		100	29 - 122

Lab Sample ID: LCSSRM 480-779852/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779868
Prep Batch: 779852

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	134	83.98		mg/Kg		62.7	31.6 - 131.3

GC/MS VOA

Prep Batch: 779855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	5035A_L	
480-240008-2	RI-MW-2	Total/NA	Solid	5035A_L	
480-240008-3	RI-MW-3	Total/NA	Solid	5035A_L	
480-240008-4	RI-MW-4	Total/NA	Solid	5035A_L	
MB 480-779855/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-779855/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 779859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	EPA 8260D	779855
480-240008-2	RI-MW-2	Total/NA	Solid	EPA 8260D	779855
480-240008-3	RI-MW-3	Total/NA	Solid	EPA 8260D	779855
480-240008-4	RI-MW-4	Total/NA	Solid	EPA 8260D	779855
MB 480-779855/2-A	Method Blank	Total/NA	Solid	EPA 8260D	779855
LCS 480-779855/1-A	Lab Control Sample	Total/NA	Solid	EPA 8260D	779855

GC/MS Semi VOA

Prep Batch: 779670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	3546	
480-240008-2	RI-MW-2	Total/NA	Solid	3546	
480-240008-3	RI-MW-3	Total/NA	Solid	3546	
480-240008-4	RI-MW-4	Total/NA	Solid	3546	
MB 480-779670/1-A	Method Blank	Total/NA	Solid	3546	
LCS 480-779670/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 779734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	EPA 8270E	779670
480-240008-2	RI-MW-2	Total/NA	Solid	EPA 8270E	779670
480-240008-3	RI-MW-3	Total/NA	Solid	EPA 8270E	779670
480-240008-4	RI-MW-4	Total/NA	Solid	EPA 8270E	779670
MB 480-779670/1-A	Method Blank	Total/NA	Solid	EPA 8270E	779670
LCS 480-779670/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	779670

GC Semi VOA

Prep Batch: 779671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	3550C	
480-240008-2	RI-MW-2	Total/NA	Solid	3550C	
480-240008-3	RI-MW-3	Total/NA	Solid	3550C	
480-240008-4	RI-MW-4	Total/NA	Solid	3550C	
MB 480-779671/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-779671/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 779683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	8082A	779671
480-240008-2	RI-MW-2	Total/NA	Solid	8082A	779671
480-240008-3	RI-MW-3	Total/NA	Solid	8082A	779671

GC Semi VOA (Continued)

Analysis Batch: 779683 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-4	RI-MW-4	Total/NA	Solid	8082A	779671
MB 480-779671/1-A	Method Blank	Total/NA	Solid	8082A	779671
LCS 480-779671/2-A	Lab Control Sample	Total/NA	Solid	8082A	779671

Prep Batch: 779730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	3546	
480-240008-2	RI-MW-2	Total/NA	Solid	3546	
480-240008-3	RI-MW-3	Total/NA	Solid	3546	
480-240008-4	RI-MW-4	Total/NA	Solid	3546	
MB 480-779730/1-A	Method Blank	Total/NA	Solid	3546	
LCS 480-779730/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 779771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	8081B	779730
480-240008-2	RI-MW-2	Total/NA	Solid	8081B	779730
480-240008-3	RI-MW-3	Total/NA	Solid	8081B	779730
480-240008-4	RI-MW-4	Total/NA	Solid	8081B	779730
MB 480-779730/1-A	Method Blank	Total/NA	Solid	8081B	779730
LCS 480-779730/2-A	Lab Control Sample	Total/NA	Solid	8081B	779730

LCMS

Prep Batch: 846564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	1633A	
480-240008-2	RI-MW-2	Total/NA	Solid	1633A	
480-240008-3	RI-MW-3	Total/NA	Solid	1633A	
480-240008-4	RI-MW-4	Total/NA	Solid	1633A	
MB 410-846564/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-846564/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-846564/3-A	Lab Control Sample	Total/NA	Solid	1633A	
480-240008-4 MS	RI-MW-4	Total/NA	Solid	1633A	
480-240008-4 MSD	RI-MW-4	Total/NA	Solid	1633A	

Analysis Batch: 851148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-846564/2-A	Lab Control Sample	Total/NA	Solid	1633A	846564

Analysis Batch: 851150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	1633A	846564
480-240008-2	RI-MW-2	Total/NA	Solid	1633A	846564
480-240008-3	RI-MW-3	Total/NA	Solid	1633A	846564
480-240008-4	RI-MW-4	Total/NA	Solid	1633A	846564
MB 410-846564/1-A	Method Blank	Total/NA	Solid	1633A	846564
LLCS 410-846564/3-A	Lab Control Sample	Total/NA	Solid	1633A	846564
480-240008-4 MS	RI-MW-4	Total/NA	Solid	1633A	846564
480-240008-4 MSD	RI-MW-4	Total/NA	Solid	1633A	846564

Metals

Prep Batch: 779744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	3050B	
480-240008-2	RI-MW-2	Total/NA	Solid	3050B	
480-240008-3	RI-MW-3	Total/NA	Solid	3050B	
480-240008-4	RI-MW-4	Total/NA	Solid	3050B	
MB 480-779744/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-779744/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 779918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	6010D	779744
480-240008-2	RI-MW-2	Total/NA	Solid	6010D	779744
480-240008-3	RI-MW-3	Total/NA	Solid	6010D	779744
480-240008-4	RI-MW-4	Total/NA	Solid	6010D	779744
MB 480-779744/1-A	Method Blank	Total/NA	Solid	6010D	779744
LCSSRM 480-779744/2-A	Lab Control Sample	Total/NA	Solid	6010D	779744

Prep Batch: 780029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	7471B	
480-240008-2	RI-MW-2	Total/NA	Solid	7471B	
480-240008-3	RI-MW-3	Total/NA	Solid	7471B	
480-240008-4	RI-MW-4	Total/NA	Solid	7471B	
MB 480-780029/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-780029/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 780088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	7471B	780029
480-240008-2	RI-MW-2	Total/NA	Solid	7471B	780029
480-240008-3	RI-MW-3	Total/NA	Solid	7471B	780029
480-240008-4	RI-MW-4	Total/NA	Solid	7471B	780029
MB 480-780029/1-A	Method Blank	Total/NA	Solid	7471B	780029
LCSSRM 480-780029/2-A	Lab Control Sample	Total/NA	Solid	7471B	780029

General Chemistry

Analysis Batch: 779620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	Moisture	
480-240008-2	RI-MW-2	Total/NA	Solid	Moisture	
480-240008-3	RI-MW-3	Total/NA	Solid	Moisture	
480-240008-4	RI-MW-4	Total/NA	Solid	Moisture	

Prep Batch: 779852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	9012B	
480-240008-2	RI-MW-2	Total/NA	Solid	9012B	
480-240008-3	RI-MW-3	Total/NA	Solid	9012B	
480-240008-4	RI-MW-4	Total/NA	Solid	9012B	
MB 480-779852/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 480-779852/3-A	Lab Control Sample	Total/NA	Solid	9012B	

General Chemistry (Continued)

Prep Batch: 779852 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-779852/4-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSSRM 480-779852/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 779868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240008-1	RI-MW-1	Total/NA	Solid	9012B	779852
480-240008-2	RI-MW-2	Total/NA	Solid	9012B	779852
480-240008-3	RI-MW-3	Total/NA	Solid	9012B	779852
480-240008-4	RI-MW-4	Total/NA	Solid	9012B	779852
MB 480-779852/1-A	Method Blank	Total/NA	Solid	9012B	779852
LCS 480-779852/3-A	Lab Control Sample	Total/NA	Solid	9012B	779852
LCS 480-779852/4-A	Lab Control Sample	Total/NA	Solid	9012B	779852
LCSSRM 480-779852/2-A	Lab Control Sample	Total/NA	Solid	9012B	779852

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1
Date Collected: 06/29/26 10:15
Matrix: Solid
Date Received: 06/29/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779620	MAN	EET BUF	06/30/26 13:42

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1
Date Collected: 06/29/26 10:15
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/02/26 23:26
Total/NA	Prep	3546			779670	VXF	EET BUF	07/01/26 07:03
Total/NA	Analysis	EPA 8270E		1	779734	JMM	EET BUF	07/01/26 23:55
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 11:24
Total/NA	Prep	3550C			779671	VXF	EET BUF	07/01/26 06:53
Total/NA	Analysis	8082A		1	779683	C1P	EET BUF	07/01/26 17:25
Total/NA	Prep	1633A			846564	AM9P	ELLE	07/06/26 10:45
Total/NA	Analysis	1633A		1	851150	XBL5	ELLE	07/14/26 19:49
Total/NA	Prep	3050B			779744	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 17:41
Total/NA	Prep	7471B			780029	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 15:21
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:16

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2
Date Collected: 06/29/26 14:00
Matrix: Solid
Date Received: 06/29/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779620	MAN	EET BUF	06/30/26 13:42

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2
Date Collected: 06/29/26 14:00
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/02/26 23:49
Total/NA	Prep	3546			779670	VXF	EET BUF	07/01/26 07:03
Total/NA	Analysis	EPA 8270E		1	779734	JMM	EET BUF	07/02/26 00:21
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 11:44
Total/NA	Prep	3550C			779671	VXF	EET BUF	07/01/26 06:53
Total/NA	Analysis	8082A		1	779683	C1P	EET BUF	07/01/26 17:43

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2
Date Collected: 06/29/26 14:00
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			846564	AM9P	ELLE	07/06/26 10:45
Total/NA	Analysis	1633A		1	851150	XBL5	ELLE	07/14/26 20:02
Total/NA	Prep	3050B			779744	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 17:43
Total/NA	Prep	7471B			780029	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 15:24
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:16

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3
Date Collected: 06/29/26 15:20
Matrix: Solid
Date Received: 06/29/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779620	MAN	EET BUF	06/30/26 13:42

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3
Date Collected: 06/29/26 15:20
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 00:12
Total/NA	Prep	3546			779670	VXF	EET BUF	07/01/26 07:03
Total/NA	Analysis	EPA 8270E		1	779734	JMM	EET BUF	07/02/26 00:44
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 12:03
Total/NA	Prep	3550C			779671	VXF	EET BUF	07/01/26 06:53
Total/NA	Analysis	8082A		1	779683	C1P	EET BUF	07/01/26 18:02
Total/NA	Prep	1633A			846564	AM9P	ELLE	07/06/26 10:45
Total/NA	Analysis	1633A		1	851150	XBL5	ELLE	07/14/26 20:16
Total/NA	Prep	3050B			779744	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 17:45
Total/NA	Prep	7471B			780029	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 15:26
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:17

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4
Date Collected: 06/29/26 16:30
Matrix: Solid
Date Received: 06/29/26 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779620	MAN	EET BUF	06/30/26 13:42

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4
Date Collected: 06/29/26 16:30
Matrix: Solid
Date Received: 06/29/26 17:15
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 00:36
Total/NA	Prep	3546			779670	VXF	EET BUF	07/01/26 07:03
Total/NA	Analysis	EPA 8270E		1	779734	JMM	EET BUF	07/02/26 01:09
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 12:23
Total/NA	Prep	3550C			779671	VXF	EET BUF	07/01/26 06:53
Total/NA	Analysis	8082A		1	779683	C1P	EET BUF	07/01/26 18:20
Total/NA	Prep	1633A			846564	AM9P	ELLE	07/06/26 10:45
Total/NA	Analysis	1633A		1	851150	XBL5	ELLE	07/14/26 20:29
Total/NA	Prep	3050B			779744	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 17:47
Total/NA	Prep	7471B			780029	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 15:29
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:20

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-27

The following analytes are included in this report, but the laboratory is not certified by New York NELAP 10026. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-27

Method Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	EET BUF
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6010D	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
9012B	Cyanide, Total andor Amenable	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET BUF
3546	Microwave Extraction	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-240008-1	RI-MW-1	Solid	06/29/26 10:15	06/29/26 17:15	New York
480-240008-2	RI-MW-2	Solid	06/29/26 14:00	06/29/26 17:15	New York
480-240008-3	RI-MW-3	Solid	06/29/26 15:20	06/29/26 17:15	New York
480-240008-4	RI-MW-4	Solid	06/29/26 16:30	06/29/26 17:15	New York

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214744-42931.4
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 4 of 5
Company: Brydges Engineering in Environment & Energy DPC	PWSID:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY 14213	Compliance Project: ∆ Yes ∆ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI Soil	Project #: 48030331			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	6010D, 7471B, 9012B	8081B, 8082A, 8270E	8260D TCL VOCs + TICs (ML Bulk)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
RI-MW-1	6-29-26	10 15		Solid			X	X	X	X		
RI-MW-2	6-29-26	2 00		Solid			X	X	X	X		
RI-MW-3	6-29-26	3 20		Solid			X	X	X	X		
RI-MW-4	6-29-26	4 30		Solid			X	X	X	X		
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								

480-240008 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	William Bellotti	6-29-26 / 5 15	BE3	VAS	6-29-26 ~~1515~~	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 1715	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 24.7 IR#1 ice

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99306.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240008-1
Address: 2425 New Holland Pike,	Due Date Requested: 7/13/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_SnakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RI-MW-1 (480-240008-1)	6/29/26	10:15 Eastern	G	Solid			X	1	
RI-MW-2 (480-240008-2)	6/29/26	14:00 Eastern	G	Solid			X	1	
RI-MW-3 (480-240008-3)	6/29/26	15:20 Eastern	G	Solid			X	1	
RI-MW-4 (480-240008-4)	6/29/26	16:30 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	6-30-26 1700	ET			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				7/1/26 1050	ELLET

Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
	R:1.9 C:2.1	

AW

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240008-1

Login Number: 240008

List Source: Eurofins Buffalo

List Number: 1

Creator: Fuller Gustavel, Colm

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	IR#SC 1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	BE3
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240008-1

Login Number: 240008
List Number: 2
Creator: Williams, Aeric

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 07/01/26 12:31 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo, New York 14213

Generated 7/15/2026 12:22:30 PM

JOB DESCRIPTION

375 Michigan Remedial Investigation

JOB NUMBER

480-240036-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A- L low-level specifications.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
I	Ion ratio outside limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-240036-1 Eurofins Buffalo

Job Narrative
480-240036-1

Receipt
The samples were received on 6/30/2026 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 24.5º C and 29.7º C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: TT-1 1-3' (480-240036-1), TT-1 4-5' (480-240036-2), TT-1 5-6' (480-240036-3), TT-2 1-3' (480-240036-4), TT-2 4-6' (480-240036-5), TT-2 4-6' (480-240036-5[MS]), TT-2 4-6' (480-240036-5[MSD]), TT-3 1-3' (480-240036-6), TT-3 4-6' (480-240036-7), TT-3 4-6' (480-240036-7[MS]), TT-3 4-6' (480-240036-7[MSD]), TT-4 1-3' (480-240036-8), TT-4 4-6' (480-240036-9), TT-4 4-6' DUP (480-240036-10), TT-5 1-2' (480-240036-11), TT-5 4-6' (480-240036-12), TT-5 4-6' DUP (480-240036-13), TT-6 1-3' (480-240036-14) and TT-6 4-6' (480-240036-15). The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): RI-MW-3 20-25' (480-240036-16) Info listed on container labels was used for login.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for preparation batch 480-779855 and analytical batch 480-779859 recovered outside control limits for the following analyte: Chloromethane. This analyte is biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The associated samples are: TT-1 1-3' (480-240036-1), TT-1 4-5' (480-240036-2), TT-1 5-6' (480-240036-3), TT-2 1-3' (480-240036-4), TT-2 4-6' (480-240036-5), TT-3 1-3' (480-240036-6), TT-3 4-6' (480-240036-7), TT-4 1-3' (480-240036-8), TT-4 4-6' (480-240036-9), TT-4 4-6' DUP (480-240036-10), TT-5 1-2' (480-240036-11) and TT-5 4-6' (480-240036-12)

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779859 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethene, 2-Butanone (MEK), Carbon disulfide, Carbon tetrachloride, Chloromethane, cis-1,3-Dichloropropene, Cyclohexane, Dichlorodifluoromethane, Methylcyclohexane, Trichloroethene, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects above the reporting limits for the affected analytes; therefore, the data have been reported. The associated samples are:TT-1 1-3' (480-240036-1), TT-1 4-5' (480-240036-2), TT-1 5-6' (480-240036-3), TT-2 1-3' (480-240036-4), TT-2 4-6' (480-240036-5), TT-3 1-3' (480-240036-6), TT-3 4-6' (480-240036-7), TT-4 1-3' (480-240036-8), TT-4 4-6' (480-240036-9), TT-4 4-6' DUP (480-240036-10), TT-5 1-2' (480-240036-11) and TT-5 4-6' (480-240036-12).

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779859 recovered outside acceptance criteria, low biased, for 1,2,4-Trichlorobenzene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are:TT-1 1-3' (480-240036-1), TT-1 4-5' (480-240036-2), TT-1 5-6' (480-240036-3), TT-2 1-3' (480-240036-4), TT-2 4-6' (480-240036-5), TT-3 1-3' (480-240036-6), TT-3 4-6' (480-240036-7), TT-4 1-3' (480-240036-8), TT-4 4-6' (480-240036-9), TT-4 4-6' DUP (480-240036-10), TT-5 1-2' (480-240036-11) and TT-5 4-6' (480-240036-12).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-779730 and analytical batch 480-779771 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. TT-2 4-6' (480-240036-5) and TT-3 4-6' (480-240036-7)

Method 8081B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 480-779730 and analytical batch 480-779771 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected. TT-2 4-6' (480-240036-5) and TT-3 4-6' (480-240036-7)

Method 8081B: For method 8081, the recovery of the one surrogate in samples TT-3 4-6' (480-240036-7[MSD]) exceeds quality control limits due to the sample matrix. The recovery of the secondary surrogate is within quality control criteria; no corrective action is required.

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Method 8081B: The following samples were diluted due to the nature of the sample matrix: TT-1 1-3' (480-240036-1), TT-1 4-5' (480-240036-2), TT-1 5-6' (480-240036-3), TT-2 1-3' (480-240036-4), TT-3 1-3' (480-240036-6), TT-4 1-3' (480-240036-8) and TT-6 1-3' (480-240036-14). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-779918 is outside the acceptance criteria for the following analytes: Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-779976 is outside the acceptance criteria for the following analytes: Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 480-779852 and analytical batch 480-779868 was outside control limits. Sample matrix interference is suspected.

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-779852 and analytical batch 480-779868 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3546: The following sample: TT-5 4-6' (480-240036-12) was decanted prior to preparation.

Method 3546: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: TT-1 1-3' (480-240036-1), TT-1 4-5' (480-240036-2), TT-1 5-6' (480-240036-3), TT-2 1-3' (480-240036-4), TT-2 4-6' (480-240036-5), TT-2 4-6' (480-240036-5[MS]), TT-2 4-6' (480-240036-5[MSD]), TT-3 1-3' (480-240036-6), TT-3 4-6' (480-240036-7), TT-3 4-6' (480-240036-7[MS]), TT-3 4-6' (480-240036-7[MSD]), TT-4 1-3' (480-240036-8), TT-4 4-6' DUP (480-240036-10), TT-5 1-2' (480-240036-11), TT-6 1-3' (480-240036-14), TT-6 4-6' (480-240036-15) and RI-MW-3 20-25' (480-240036-16).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.90	J B vs	6.1	0.38	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	990	J	2000	280	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	970	J	2000	340	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	1400	J	2000	270	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	660	J	2000	350	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	560	J	2000	450	ug/Kg	10	☼	EPA 8270E	Total/NA
Chrysene	1100	J	2000	480	ug/Kg	10	☼	EPA 8270E	Total/NA
Fluoranthene	2200		2000	370	ug/Kg	10	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	570	J	2000	300	ug/Kg	10	☼	EPA 8270E	Total/NA
Phenanthrene	730	J	2000	380	ug/Kg	10	☼	EPA 8270E	Total/NA
Pyrene	1400	J	2000	380	ug/Kg	10	☼	EPA 8270E	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.20		0.19	0.097	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.6		0.19	0.097	ng/g	1	☼	1633A	Total/NA
Aluminum	20500		12.1	10.4	mg/Kg	1	☼	6010D	Total/NA
Antimony	4.0	J	18.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Arsenic	5.0		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	150		0.60	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.89		0.24	0.048	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.33		0.24	0.085	mg/Kg	1	☼	6010D	Total/NA
Calcium	63700		60.4	32.6	mg/Kg	1	☼	6010D	Total/NA
Chromium	24.9		0.60	0.43	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.7		0.60	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	26.5		1.2	0.69	mg/Kg	1	☼	6010D	Total/NA
Iron	21700		12.1	10.2	mg/Kg	1	☼	6010D	Total/NA
Lead	79.8		1.2	0.56	mg/Kg	1	☼	6010D	Total/NA
Magnesium	21000		24.2	10.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	489		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Nickel	21.3		6.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	5920		36.2	29.3	mg/Kg	1	☼	6010D	Total/NA
Sodium	345		169	74.1	mg/Kg	1	☼	6010D	Total/NA
Vanadium	36.0		0.60	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	104		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.092		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	4.0	J vs	29	2.1	ug/Kg	1	☼	EPA 8260D	Total/NA
Acetone	46	vs	29	4.9	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.87	J B vs	5.8	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
4-Methylphenol	86	J	380	35	ug/Kg	1	☼	EPA 8270E	Total/NA
Anthracene	60	J	200	36	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[a]anthracene	170	J	200	27	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	200		200	33	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	260		200	26	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	140	J	200	34	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	99	J	200	44	ug/Kg	1	☼	EPA 8270E	Total/NA
Chrysene	260		200	47	ug/Kg	1	☼	EPA 8270E	Total/NA
Dibenzofuran	66	J	200	35	ug/Kg	1	☼	EPA 8270E	Total/NA
Fluoranthene	380		200	36	ug/Kg	1	☼	EPA 8270E	Total/NA
Fluorene	45	J	200	36	ug/Kg	1	☼	EPA 8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: TT-1 4-5' (Continued)
Lab Sample ID: 480-240036-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	110	J	200	29	ug/Kg	1	☼	EPA 8270E	Total/NA
Isophorone	160	J	200	40	ug/Kg	1	☼	EPA 8270E	Total/NA
Phenanthrene	84	J	200	37	ug/Kg	1	☼	EPA 8270E	Total/NA
Pyrene	300		200	37	ug/Kg	1	☼	EPA 8270E	Total/NA
4,4'-DDT	32	J	77	18	ug/Kg	20	☼	8081B	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.11	J	0.20	0.098	ng/g	1	☼	1633A	Total/NA
Aluminum	15900		11.3	9.7	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.7		2.3	0.99	mg/Kg	1	☼	6010D	Total/NA
Barium	110		0.56	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.62		0.23	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.28		0.23	0.079	mg/Kg	1	☼	6010D	Total/NA
Calcium	70800		56.4	30.5	mg/Kg	1	☼	6010D	Total/NA
Chromium	18.2		0.56	0.41	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.1		0.56	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	13.8		1.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Iron	17300		11.3	9.6	mg/Kg	1	☼	6010D	Total/NA
Lead	29.9		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Magnesium	27200		22.6	9.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	439		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	15.4		5.6	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	5730		33.9	27.4	mg/Kg	1	☼	6010D	Total/NA
Sodium	362		158	69.2	mg/Kg	1	☼	6010D	Total/NA
Vanadium	28.1		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	72.6		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.035		0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.9	J vs	30	2.2	ug/Kg	1	☼	EPA 8260D	Total/NA
Acetone	40	vs	30	5.1	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.94	J B vs	6.1	0.38	ug/Kg	1	☼	EPA 8260D	Total/NA
4,4'-DDT	10	J	20	4.7	ug/Kg	5	☼	8081B	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.18	J	0.19	0.096	ng/g	1	☼	1633A	Total/NA
Aluminum	14900		12.4	10.7	mg/Kg	1	☼	6010D	Total/NA
Arsenic	1.1	J	2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	95.1		0.62	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.58		0.25	0.050	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.23	J	0.25	0.087	mg/Kg	1	☼	6010D	Total/NA
Calcium	67400		62.1	33.5	mg/Kg	1	☼	6010D	Total/NA
Chromium	17.4		0.62	0.45	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.1		0.62	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	14.3		1.2	0.71	mg/Kg	1	☼	6010D	Total/NA
Iron	16500		12.4	10.5	mg/Kg	1	☼	6010D	Total/NA
Lead	9.0		1.2	0.57	mg/Kg	1	☼	6010D	Total/NA
Magnesium	33000		24.8	10.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	420		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Nickel	14.4		6.2	0.31	mg/Kg	1	☼	6010D	Total/NA
Potassium	5160		37.2	30.1	mg/Kg	1	☼	6010D	Total/NA
Sodium	403		174	76.1	mg/Kg	1	☼	6010D	Total/NA
Vanadium	27.5		0.62	0.16	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TT-1 5-6' (Continued)
Lab Sample ID: 480-240036-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	67.9		2.5	1.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.025		0.025	0.0057	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.95	J B vs	5.7	0.35	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	740	J	2000	270	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	830	J	2000	330	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	1100	J	2000	260	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	660	J	2000	340	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	520	J	2000	440	ug/Kg	10	☼	EPA 8270E	Total/NA
Chrysene	840	J	2000	470	ug/Kg	10	☼	EPA 8270E	Total/NA
Fluoranthene	1600	J	2000	350	ug/Kg	10	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	630	J	2000	290	ug/Kg	10	☼	EPA 8270E	Total/NA
Phenanthrene	790	J	2000	360	ug/Kg	10	☼	EPA 8270E	Total/NA
Pyrene	1100	J	2000	370	ug/Kg	10	☼	EPA 8270E	Total/NA
Methoxychlor	18	J	77	16	ug/Kg	20	☼	8081B	Total/NA
Perfluorobutanoic acid (PFBA)	0.10	J	0.39	0.097	ng/g	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.17	J	0.19	0.097	ng/g	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.097	J	0.19	0.097	ng/g	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.24		0.19	0.058	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.53		0.19	0.097	ng/g	1	☼	1633A	Total/NA
Aluminum	13900		11.3	9.7	mg/Kg	1	☼	6010D	Total/NA
Arsenic	4.2		2.3	0.99	mg/Kg	1	☼	6010D	Total/NA
Barium	93.3		0.56	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.61		0.23	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.27		0.23	0.079	mg/Kg	1	☼	6010D	Total/NA
Calcium	140000		282	152	mg/Kg	5	☼	6010D	Total/NA
Chromium	17.1		0.56	0.41	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.9		0.56	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	15.8		1.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Iron	15900		11.3	9.6	mg/Kg	1	☼	6010D	Total/NA
Lead	46.1		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Magnesium	15800		22.6	9.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	330		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	16.1		5.6	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	4120		33.9	27.4	mg/Kg	1	☼	6010D	Total/NA
Sodium	285		158	69.2	mg/Kg	1	☼	6010D	Total/NA
Vanadium	24.5		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	124		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.084		0.023	0.0052	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.93	J B vs	5.9	0.37	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	72	J	200	27	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	100	J	200	33	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	150	J	200	26	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	100	J	200	34	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	57	J	200	44	ug/Kg	1	☼	EPA 8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TT-2 4-6' (Continued)
Lab Sample ID: 480-240036-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	62	J	200	43	ug/Kg	1	☼	EPA 8270E	Total/NA
Chrysene	91	J	200	47	ug/Kg	1	☼	EPA 8270E	Total/NA
Fluoranthene	150	J	200	36	ug/Kg	1	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	80	J	200	29	ug/Kg	1	☼	EPA 8270E	Total/NA
Phenanthrene	61	J	200	37	ug/Kg	1	☼	EPA 8270E	Total/NA
Pyrene	110	J	200	37	ug/Kg	1	☼	EPA 8270E	Total/NA
Endrin ketone	1.2	J	3.9	0.97	ug/Kg	1	☼	8081B	Total/NA
Perfluorooctanoic acid (PFOA)	0.077	J	0.20	0.059	ng/g	1	☼	1633A	Total/NA
Aluminum	16700	F2	12.1	10.4	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.8		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	106		0.60	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.66		0.24	0.048	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.25		0.24	0.084	mg/Kg	1	☼	6010D	Total/NA
Calcium	75600		60.3	32.6	mg/Kg	1	☼	6010D	Total/NA
Chromium	20.0		0.60	0.43	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.5		0.60	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	15.3		1.2	0.69	mg/Kg	1	☼	6010D	Total/NA
Iron	18500		12.1	10.2	mg/Kg	1	☼	6010D	Total/NA
Lead	23.3	F2 F1	1.2	0.55	mg/Kg	1	☼	6010D	Total/NA
Magnesium	29200		24.1	10.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	415	F1	1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Nickel	15.4		6.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	5380	F1	36.2	29.2	mg/Kg	1	☼	6010D	Total/NA
Sodium	347		169	73.9	mg/Kg	1	☼	6010D	Total/NA
Vanadium	30.4		0.60	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	79.1	F2 F1	2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.028		0.023	0.0052	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.1	J B vs	7.2	0.44	ug/Kg	1	☼	EPA 8260D	Total/NA
Biphenyl	720	J	2400	450	ug/Kg	10	☼	EPA 8270E	Total/NA
2-Methylnaphthalene	2000	J	2400	380	ug/Kg	10	☼	EPA 8270E	Total/NA
4-Methylphenol	500	J	4700	430	ug/Kg	10	☼	EPA 8270E	Total/NA
Acenaphthene	2500		2400	450	ug/Kg	10	☼	EPA 8270E	Total/NA
Acenaphthylene	9100		2400	460	ug/Kg	10	☼	EPA 8270E	Total/NA
Anthracene	10000		2400	450	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[a]anthracene	53000		2400	330	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	47000		2400	410	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	64000		2400	320	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	26000		2400	420	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	28000		2400	540	ug/Kg	10	☼	EPA 8270E	Total/NA
Carbazole	11000		2400	470	ug/Kg	10	☼	EPA 8270E	Total/NA
Chrysene	64000		2400	580	ug/Kg	10	☼	EPA 8270E	Total/NA
Dibenz(a,h)anthracene	9200		2400	490	ug/Kg	10	☼	EPA 8270E	Total/NA
Dibenzofuran	6500		2400	430	ug/Kg	10	☼	EPA 8270E	Total/NA
Fluoranthene	170000	E	2400	440	ug/Kg	10	☼	EPA 8270E	Total/NA
Fluorene	8900		2400	440	ug/Kg	10	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	28000		2400	360	ug/Kg	10	☼	EPA 8270E	Total/NA
Naphthalene	3800		2400	400	ug/Kg	10	☼	EPA 8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TT-3 1-3' (Continued)
Lab Sample ID: 480-240036-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	120000	E	2400	450	ug/Kg	10	☼	EPA 8270E	Total/NA
Pyrene	110000	E	2400	460	ug/Kg	10	☼	EPA 8270E	Total/NA
Acenaphthene - DL	2700	J	12000	2200	ug/Kg	50	☼	EPA 8270E	Total/NA
Acenaphthylene - DL	13000		12000	2300	ug/Kg	50	☼	EPA 8270E	Total/NA
Anthracene - DL	11000	J	12000	2200	ug/Kg	50	☼	EPA 8270E	Total/NA
Benzo[a]anthracene - DL	49000		12000	1700	ug/Kg	50	☼	EPA 8270E	Total/NA
Benzo[a]pyrene - DL	45000		12000	2100	ug/Kg	50	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene - DL	66000		12000	1600	ug/Kg	50	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene - DL	19000		12000	2100	ug/Kg	50	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene - DL	29000		12000	2700	ug/Kg	50	☼	EPA 8270E	Total/NA
Carbazole - DL	11000	J	12000	2400	ug/Kg	50	☼	EPA 8270E	Total/NA
Chrysene - DL	59000		12000	2900	ug/Kg	50	☼	EPA 8270E	Total/NA
Dibenz(a,h)anthracene - DL	6900	J	12000	2400	ug/Kg	50	☼	EPA 8270E	Total/NA
Dibenzofuran - DL	6100	J	12000	2100	ug/Kg	50	☼	EPA 8270E	Total/NA
Fluoranthene - DL	200000		12000	2200	ug/Kg	50	☼	EPA 8270E	Total/NA
Fluorene - DL	8600	J	12000	2200	ug/Kg	50	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene - DL	21000		12000	1800	ug/Kg	50	☼	EPA 8270E	Total/NA
Naphthalene - DL	3600	J	12000	2000	ug/Kg	50	☼	EPA 8270E	Total/NA
Phenanthrene - DL	110000		12000	2300	ug/Kg	50	☼	EPA 8270E	Total/NA
Pyrene - DL	100000		12000	2300	ug/Kg	50	☼	EPA 8270E	Total/NA
4,4'-DDT	62	J	95	22	ug/Kg	20	☼	8081B	Total/NA
gamma-BHC (Lindane)	20	J	95	17	ug/Kg	20	☼	8081B	Total/NA
Methoxychlor	45	J	95	19	ug/Kg	20	☼	8081B	Total/NA
Perfluorobutanoic acid (PFBA)	0.13	J	0.40	0.10	ng/g	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.14	J	0.20	0.10	ng/g	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.21		0.20	0.060	ng/g	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.18	J	0.20	0.10	ng/g	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.19	J	0.20	0.060	ng/g	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.15	J	0.20	0.10	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.43		0.20	0.10	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonamide (PFOSA)	0.15	J	0.20	0.10	ng/g	1	☼	1633A	Total/NA
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.11	J	0.20	0.10	ng/g	1	☼	1633A	Total/NA
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.80	J	1.0	0.50	ng/g	1	☼	1633A	Total/NA
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.4		1.0	0.50	ng/g	1	☼	1633A	Total/NA
Aluminum	13300		15.0	13.0	mg/Kg	1	☼	6010D	Total/NA
Arsenic	11.6		3.0	1.3	mg/Kg	1	☼	6010D	Total/NA
Barium	433		0.75	0.21	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.71		0.30	0.060	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.93		0.30	0.11	mg/Kg	1	☼	6010D	Total/NA
Calcium	48200		75.1	40.6	mg/Kg	1	☼	6010D	Total/NA
Chromium	24.2		0.75	0.54	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.8		0.75	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	99.7		1.5	0.86	mg/Kg	1	☼	6010D	Total/NA
Iron	21900		15.0	12.7	mg/Kg	1	☼	6010D	Total/NA
Lead	1110		1.5	0.69	mg/Kg	1	☼	6010D	Total/NA
Magnesium	9170		30.1	12.7	mg/Kg	1	☼	6010D	Total/NA
Manganese	524		1.5	0.42	mg/Kg	1	☼	6010D	Total/NA
Nickel	19.4		7.5	0.38	mg/Kg	1	☼	6010D	Total/NA
Potassium	2710		45.1	36.4	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TT-3 1-3' (Continued) — Lab Sample ID: 480-240036-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	216		210	92.1	mg/Kg	1	☼	6010D	Total/NA
Vanadium	29.6		0.75	0.20	mg/Kg	1	☼	6010D	Total/NA
Zinc	325		3.0	1.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	1.1		0.029	0.0066	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.75	J	1.4	0.67	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: TT-3 4-6' — Lab Sample ID: 480-240036-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.82	J B vs	5.9	0.37	ug/Kg	1	☼	EPA 8260D	Total/NA
Bis(2-ethylhexyl) phthalate	56	J	190	42	ug/Kg	1	☼	EPA 8270E	Total/NA
Aluminum	18200		12.2	10.5	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.0		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	97.4		0.61	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.73		0.24	0.049	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.25		0.24	0.085	mg/Kg	1	☼	6010D	Total/NA
Calcium	76800		60.8	32.8	mg/Kg	1	☼	6010D	Total/NA
Chromium	21.2		0.61	0.44	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.7		0.61	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	15.4		1.2	0.69	mg/Kg	1	☼	6010D	Total/NA
Iron	20300		12.2	10.3	mg/Kg	1	☼	6010D	Total/NA
Lead	8.5		1.2	0.56	mg/Kg	1	☼	6010D	Total/NA
Magnesium	24900		24.3	10.3	mg/Kg	1	☼	6010D	Total/NA
Manganese	386	F1	1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Nickel	18.1		6.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	5550	F1	36.5	29.5	mg/Kg	1	☼	6010D	Total/NA
Sodium	301		170	74.6	mg/Kg	1	☼	6010D	Total/NA
Vanadium	31.5		0.61	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	70.9		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.021	J	0.023	0.0054	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TT-4 1-3' — Lab Sample ID: 480-240036-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.2	J vs	30	5.0	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.99	J B vs	6.0	0.37	ug/Kg	1	☼	EPA 8260D	Total/NA
Acenaphthene	200	J	1000	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Anthracene	570	J	1000	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[a]anthracene	1300		1000	140	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	1200		1000	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	1500		1000	140	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	820	J	1000	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	750	J	1000	230	ug/Kg	5	☼	EPA 8270E	Total/NA
Carbazole	260	J	1000	200	ug/Kg	5	☼	EPA 8270E	Total/NA
Chrysene	1400		1000	250	ug/Kg	5	☼	EPA 8270E	Total/NA
Dibenz(a,h)anthracene	240	J	1000	210	ug/Kg	5	☼	EPA 8270E	Total/NA
Dibenzofuran	220	J	1000	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Fluoranthene	3300		1000	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Fluorene	300	J	1000	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	750	J	1000	150	ug/Kg	5	☼	EPA 8270E	Total/NA
Naphthalene	250	J	1000	170	ug/Kg	5	☼	EPA 8270E	Total/NA
Phenanthrene	2100		1000	190	ug/Kg	5	☼	EPA 8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TT-4 1-3' (Continued)
Lab Sample ID: 480-240036-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	2400		1000	200	ug/Kg	5	☼	EPA 8270E	Total/NA
4,4'-DDD	39	J	81	16	ug/Kg	20	☼	8081B	Total/NA
Methoxychlor	27	J	81	17	ug/Kg	20	☼	8081B	Total/NA
Aluminum	24200		12.0	10.4	mg/Kg	1	☼	6010D	Total/NA
Arsenic	4.4		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	328		0.60	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	2.8		0.24	0.048	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.29		0.24	0.084	mg/Kg	1	☼	6010D	Total/NA
Calcium	159000		301	162	mg/Kg	5	☼	6010D	Total/NA
Chromium	17.6		0.60	0.43	mg/Kg	1	☼	6010D	Total/NA
Cobalt	6.9		0.60	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	17.4		1.2	0.69	mg/Kg	1	☼	6010D	Total/NA
Iron	15700		12.0	10.2	mg/Kg	1	☼	6010D	Total/NA
Lead	258		1.2	0.55	mg/Kg	1	☼	6010D	Total/NA
Magnesium	11300		24.1	10.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	2320		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Nickel	11.6		6.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	3270		36.1	29.2	mg/Kg	1	☼	6010D	Total/NA
Sodium	418		168	73.8	mg/Kg	1	☼	6010D	Total/NA
Vanadium	26.2		0.60	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	117		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.035		0.025	0.0058	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.90	J B vs	5.9	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
Bis(2-ethylhexyl) phthalate	58	J	200	43	ug/Kg	1	☼	EPA 8270E	Total/NA
Methoxychlor	0.82	J	4.0	0.81	ug/Kg	1	☼	8081B	Total/NA
Aluminum	19100		11.3	9.7	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.4		2.3	0.99	mg/Kg	1	☼	6010D	Total/NA
Barium	145		0.56	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.74		0.23	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.30		0.23	0.079	mg/Kg	1	☼	6010D	Total/NA
Calcium	76500		56.5	30.5	mg/Kg	1	☼	6010D	Total/NA
Chromium	21.2		0.56	0.41	mg/Kg	1	☼	6010D	Total/NA
Cobalt	10.5		0.56	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	16.6		1.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Iron	21000		11.3	9.6	mg/Kg	1	☼	6010D	Total/NA
Lead	13.6		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Magnesium	31300		22.6	9.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	508		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	19.2		5.6	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	6800		33.9	27.4	mg/Kg	1	☼	6010D	Total/NA
Sodium	434		158	69.3	mg/Kg	1	☼	6010D	Total/NA
Vanadium	34.3		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	83.0		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.013	J	0.024	0.0056	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TT-4 4-6' DUP — Lab Sample ID: 480-240036-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.98	J B vs	5.9	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	45	J	200	27	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	48	J	200	34	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	65	J	200	27	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	36	J	200	35	ug/Kg	1	☼	EPA 8270E	Total/NA
Bis(2-ethylhexyl) phthalate	65	J	200	43	ug/Kg	1	☼	EPA 8270E	Total/NA
Chrysene	53	J	200	48	ug/Kg	1	☼	EPA 8270E	Total/NA
Di-n-butyl phthalate	57	J	200	45	ug/Kg	1	☼	EPA 8270E	Total/NA
Fluoranthene	120	J	200	36	ug/Kg	1	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	36	J	200	30	ug/Kg	1	☼	EPA 8270E	Total/NA
Phenanthrene	97	J	200	37	ug/Kg	1	☼	EPA 8270E	Total/NA
Pyrene	88	J	200	38	ug/Kg	1	☼	EPA 8270E	Total/NA
Methoxychlor	2.3	J	3.9	0.79	ug/Kg	1	☼	8081B	Total/NA
Aluminum	14400		11.2	9.7	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.4		2.2	0.99	mg/Kg	1	☼	6010D	Total/NA
Barium	82.4		0.56	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.59		0.22	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.27		0.22	0.078	mg/Kg	1	☼	6010D	Total/NA
Calcium	63800		56.0	30.2	mg/Kg	1	☼	6010D	Total/NA
Chromium	17.0		0.56	0.40	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.4		0.56	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	14.9		1.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Iron	16800		11.2	9.5	mg/Kg	1	☼	6010D	Total/NA
Lead	12.3		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Magnesium	27200		22.4	9.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	396		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Nickel	14.3		5.6	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	4850		33.6	27.1	mg/Kg	1	☼	6010D	Total/NA
Sodium	346		157	68.7	mg/Kg	1	☼	6010D	Total/NA
Vanadium	28.6		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	69.5		2.2	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.011	J	0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TT-5 1-2' — Lab Sample ID: 480-240036-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.94	J B vs	5.8	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
Acenaphthene	620	J	1900	360	ug/Kg	10	☼	EPA 8270E	Total/NA
Anthracene	1500	J	1900	360	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[a]anthracene	3300		1900	270	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	3000		1900	330	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	3500		1900	260	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	1800	J	1900	340	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	1800	J	1900	430	ug/Kg	10	☼	EPA 8270E	Total/NA
Bis(2-ethylhexyl) phthalate	790	J	1900	420	ug/Kg	10	☼	EPA 8270E	Total/NA
Carbazole	660	J	1900	380	ug/Kg	10	☼	EPA 8270E	Total/NA
Chrysene	3400		1900	460	ug/Kg	10	☼	EPA 8270E	Total/NA
Dibenz(a,h)anthracene	500	J	1900	390	ug/Kg	10	☼	EPA 8270E	Total/NA
Dibenzofuran	390	J	1900	340	ug/Kg	10	☼	EPA 8270E	Total/NA
Fluoranthene	7800		1900	350	ug/Kg	10	☼	EPA 8270E	Total/NA
Fluorene	640	J	1900	350	ug/Kg	10	☼	EPA 8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TT-5 1-2' (Continued)
Lab Sample ID: 480-240036-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	1700	J	1900	290	ug/Kg	10	☼	EPA 8270E	Total/NA
Naphthalene	320	J	1900	320	ug/Kg	10	☼	EPA 8270E	Total/NA
Phenanthrene	5700		1900	360	ug/Kg	10	☼	EPA 8270E	Total/NA
Pyrene	5500		1900	370	ug/Kg	10	☼	EPA 8270E	Total/NA
4,4'-DDD	1.3	J	3.8	0.74	ug/Kg	1	☼	8081B	Total/NA
alpha-BHC	0.83	J	3.8	0.68	ug/Kg	1	☼	8081B	Total/NA
Methoxychlor	1.6	J	3.8	0.77	ug/Kg	1	☼	8081B	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.10	J	0.20	0.099	ng/g	1	☼	1633A	Total/NA
Aluminum	16000		11.6	10.0	mg/Kg	1	☼	6010D	Total/NA
Arsenic	7.1		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	143		0.58	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.72		0.23	0.047	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.53		0.23	0.082	mg/Kg	1	☼	6010D	Total/NA
Calcium	46600		58.2	31.4	mg/Kg	1	☼	6010D	Total/NA
Chromium	20.6		0.58	0.42	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.1		0.58	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	30.3		1.2	0.66	mg/Kg	1	☼	6010D	Total/NA
Iron	21700		11.6	9.9	mg/Kg	1	☼	6010D	Total/NA
Lead	355		1.2	0.54	mg/Kg	1	☼	6010D	Total/NA
Magnesium	12700		23.3	9.9	mg/Kg	1	☼	6010D	Total/NA
Manganese	355		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Nickel	18.6		5.8	0.29	mg/Kg	1	☼	6010D	Total/NA
Potassium	3980		34.9	28.2	mg/Kg	1	☼	6010D	Total/NA
Sodium	224		163	71.4	mg/Kg	1	☼	6010D	Total/NA
Vanadium	31.9		0.58	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	192		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.36		0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.1	J B vs	5.9	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
Bis(2-ethylhexyl) phthalate	63	J	190	42	ug/Kg	1	☼	EPA 8270E	Total/NA
Di-n-butyl phthalate	57	J	190	43	ug/Kg	1	☼	EPA 8270E	Total/NA
Perfluorooctanesulfonamide (PFOSA)	0.10	J	0.20	0.098	ng/g	1	☼	1633A	Total/NA
Aluminum	16000		12.4	10.7	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.8		2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	96.5		0.62	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.63		0.25	0.050	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.22	J	0.25	0.087	mg/Kg	1	☼	6010D	Total/NA
Calcium	69300		62.2	33.6	mg/Kg	1	☼	6010D	Total/NA
Chromium	18.2		0.62	0.45	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.6		0.62	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	14.3		1.2	0.71	mg/Kg	1	☼	6010D	Total/NA
Iron	17800		12.4	10.6	mg/Kg	1	☼	6010D	Total/NA
Lead	10.6		1.2	0.57	mg/Kg	1	☼	6010D	Total/NA
Magnesium	28600		24.9	10.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	469		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Nickel	16.3		6.2	0.31	mg/Kg	1	☼	6010D	Total/NA
Potassium	5480		37.3	30.2	mg/Kg	1	☼	6010D	Total/NA
Sodium	328		174	76.3	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TT-5 4-6' (Continued) — Lab Sample ID: 480-240036-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	29.3		0.62	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	64.8		2.5	1.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.0099	J	0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TT-5 4-6' DUP — Lab Sample ID: 480-240036-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.2	J B vs	28	4.8	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.94	J B vs	5.7	0.35	ug/Kg	1	☼	EPA 8260D	Total/NA
Aluminum	13300		11.2	9.6	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.1		2.2	0.98	mg/Kg	1	☼	6010D	Total/NA
Barium	80.4		0.56	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.54		0.22	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.22		0.22	0.078	mg/Kg	1	☼	6010D	Total/NA
Calcium	72400		55.9	30.2	mg/Kg	1	☼	6010D	Total/NA
Chromium	15.8		0.56	0.40	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.5		0.56	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	15.1		1.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Iron	16800		11.2	9.5	mg/Kg	1	☼	6010D	Total/NA
Lead	14.1		1.1	0.51	mg/Kg	1	☼	6010D	Total/NA
Magnesium	32400		22.4	9.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	438		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Nickel	13.6		5.6	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	4440		33.6	27.1	mg/Kg	1	☼	6010D	Total/NA
Sodium	322		157	68.6	mg/Kg	1	☼	6010D	Total/NA
Vanadium	27.0		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	62.4		2.2	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.015	J	0.024	0.0054	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TT-6 1-3' — Lab Sample ID: 480-240036-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.1	J B vs	29	4.8	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.82	J B vs	5.7	0.35	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	1000	J	1900	260	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	1300	J	1900	320	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	1500	J	1900	250	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	760	J	1900	330	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	780	J	1900	420	ug/Kg	10	☼	EPA 8270E	Total/NA
Chrysene	1100	J	1900	460	ug/Kg	10	☼	EPA 8270E	Total/NA
Fluoranthene	2000		1900	340	ug/Kg	10	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	760	J	1900	280	ug/Kg	10	☼	EPA 8270E	Total/NA
Phenanthrene	840	J	1900	360	ug/Kg	10	☼	EPA 8270E	Total/NA
Pyrene	1500	J	1900	360	ug/Kg	10	☼	EPA 8270E	Total/NA
Methoxychlor	21	J	77	16	ug/Kg	20	☼	8081B	Total/NA
Perfluorooctanoic acid (PFOA)	0.062	J	0.20	0.059	ng/g	1	☼	1633A	Total/NA
Aluminum	16300		11.7	10.1	mg/Kg	1	☼	6010D	Total/NA
Arsenic	7.1		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	169		0.58	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.69		0.23	0.047	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.58		0.23	0.082	mg/Kg	1	☼	6010D	Total/NA
Calcium	74900		58.5	31.6	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TT-6 1-3' (Continued)
Lab Sample ID: 480-240036-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	20.9		0.58	0.42	mg/Kg	1	☼	6010D	Total/NA
Cobalt	10.6		0.58	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	27.4		1.2	0.67	mg/Kg	1	☼	6010D	Total/NA
Iron	22100		11.7	9.9	mg/Kg	1	☼	6010D	Total/NA
Lead	436		1.2	0.54	mg/Kg	1	☼	6010D	Total/NA
Magnesium	10900		23.4	9.9	mg/Kg	1	☼	6010D	Total/NA
Manganese	508		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Nickel	18.7		5.8	0.29	mg/Kg	1	☼	6010D	Total/NA
Potassium	3520		35.1	28.4	mg/Kg	1	☼	6010D	Total/NA
Sodium	206		164	71.7	mg/Kg	1	☼	6010D	Total/NA
Vanadium	32.7		0.58	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	195		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.51		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.1	J B vs	28	4.8	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.88	J B vs	5.7	0.35	ug/Kg	1	☼	EPA 8260D	Total/NA
Bis(2-ethylhexyl) phthalate	72	J	190	42	ug/Kg	1	☼	EPA 8270E	Total/NA
Di-n-butyl phthalate	59	J	190	43	ug/Kg	1	☼	EPA 8270E	Total/NA
Methoxychlor	3.5	J	3.8	0.78	ug/Kg	1	☼	8081B	Total/NA
Aluminum	15000		11.5	9.9	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.6		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	95.8		0.57	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.61		0.23	0.046	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.22	J	0.23	0.080	mg/Kg	1	☼	6010D	Total/NA
Calcium	63500		57.4	31.0	mg/Kg	1	☼	6010D	Total/NA
Chromium	18.4		0.57	0.41	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.6		0.57	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	15.3		1.1	0.65	mg/Kg	1	☼	6010D	Total/NA
Iron	18500		11.5	9.7	mg/Kg	1	☼	6010D	Total/NA
Lead	8.5		1.1	0.53	mg/Kg	1	☼	6010D	Total/NA
Magnesium	26800		23.0	9.7	mg/Kg	1	☼	6010D	Total/NA
Manganese	446		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	16.6		5.7	0.29	mg/Kg	1	☼	6010D	Total/NA
Potassium	4790		34.4	27.8	mg/Kg	1	☼	6010D	Total/NA
Sodium	351		161	70.4	mg/Kg	1	☼	6010D	Total/NA
Vanadium	29.6		0.57	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	70.7		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.018	J	0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18	J B vs	31	5.1	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[b]fluoranthene	28	J	200	27	ug/Kg	1	☼	EPA 8270E	Total/NA
Bis(2-ethylhexyl) phthalate	72	J	200	43	ug/Kg	1	☼	EPA 8270E	Total/NA
Di-n-butyl phthalate	58	J	200	45	ug/Kg	1	☼	EPA 8270E	Total/NA
Fluoranthene	42	J	200	36	ug/Kg	1	☼	EPA 8270E	Total/NA
Methoxychlor	2.0	J	4.1	0.84	ug/Kg	1	☼	8081B	Total/NA
Aluminum	16000		13.0	11.2	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-MW-3 20-25' (Continued)
Lab Sample ID: 480-240036-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.9		2.6	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	109		0.65	0.18	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.65		0.26	0.052	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.30		0.26	0.091	mg/Kg	1	☼	6010D	Total/NA
Calcium	66800		65.1	35.2	mg/Kg	1	☼	6010D	Total/NA
Chromium	19.6		0.65	0.47	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.3		0.65	0.13	mg/Kg	1	☼	6010D	Total/NA
Copper	15.3		1.3	0.74	mg/Kg	1	☼	6010D	Total/NA
Iron	18500		13.0	11.0	mg/Kg	1	☼	6010D	Total/NA
Lead	24.5		1.3	0.60	mg/Kg	1	☼	6010D	Total/NA
Magnesium	29100		26.1	11.0	mg/Kg	1	☼	6010D	Total/NA
Manganese	440		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Nickel	17.1		6.5	0.33	mg/Kg	1	☼	6010D	Total/NA
Potassium	5510		39.1	31.6	mg/Kg	1	☼	6010D	Total/NA
Silver	0.40	J ^5-	0.78	0.26	mg/Kg	1	☼	6010D	Total/NA
Sodium	460		182	79.9	mg/Kg	1	☼	6010D	Total/NA
Vanadium	30.5		0.65	0.17	mg/Kg	1	☼	6010D	Total/NA
Zinc	74.4		2.6	1.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.017	J	0.024	0.0056	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.1

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.1	0.44	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,1,2,2-Tetrachloroethane	ND	vs	6.1	0.99	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.1	1.4	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,1,2-Trichloroethane	ND	vs	6.1	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,1-Dichloroethane	ND	vs	6.1	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,1-Dichloroethene	ND	vs	6.1	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,2,4-Trichlorobenzene	ND	vs	6.1	0.37	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.1	3.1	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,2-Dichlorobenzene	ND	vs	6.1	0.48	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,2-Dichloroethane	ND	vs	6.1	0.31	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,2-Dichloropropane	ND	vs	6.1	3.1	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,3-Dichlorobenzene	ND	vs	6.1	0.31	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,4-Dichlorobenzene	ND	vs	6.1	0.86	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
2-Butanone (MEK)	ND	vs	31	2.2	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
2-Hexanone	ND	vs	31	3.1	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Acetone	ND	vs	31	5.1	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Benzene	ND	vs	6.1	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Bromoform	ND	vs	6.1	3.1	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Bromomethane	ND	vs	6.1	0.55	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Carbon disulfide	ND	vs	6.1	3.1	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Carbon tetrachloride	ND	vs	6.1	0.59	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Chlorobenzene	ND	vs	6.1	0.81	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Dibromochloromethane	ND	vs	6.1	0.78	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Chloroethane	ND	vs	6.1	1.4	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Chloroform	**0.90**	**J B vs**	6.1	0.38	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Chloromethane	ND	*+ vs	6.1	0.37	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
cis-1,2-Dichloroethene	ND	vs	6.1	0.78	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Cyclohexane	ND	vs	6.1	0.86	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Bromodichloromethane	ND	vs	6.1	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Dichlorodifluoromethane	ND	vs	6.1	0.51	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Ethylbenzene	ND	vs	6.1	0.42	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
1,2-Dibromoethane	ND	vs	6.1	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Isopropylbenzene	ND	vs	6.1	0.92	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Methyl acetate	ND	vs	31	3.7	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Methyl tert-butyl ether	ND	vs	6.1	0.60	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Methylcyclohexane	ND	vs	6.1	0.93	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Methylene Chloride	ND	vs	6.1	2.8	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Tetrachloroethene	ND	vs	6.1	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Toluene	ND	vs	6.1	0.46	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
trans-1,2-Dichloroethene	ND	vs	6.1	0.63	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
trans-1,3-Dichloropropene	ND	vs	6.1	2.7	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Trichloroethene	ND	vs	6.1	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Trichlorofluoromethane	ND	vs	6.1	0.58	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Vinyl chloride	ND	vs	6.1	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
cis-1,3-Dichloropropene	ND	vs	6.1	0.88	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1
Styrene	ND	vs	6.1	0.31	ug/Kg	☼	07/02/26 18:25	07/03/26 00:59	1

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	07/02/26 18:25	07/03/26 00:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		64 - 126	07/02/26 18:25	07/03/26 00:59	1
4-Bromofluorobenzene (Surr)	106		72 - 126	07/02/26 18:25	07/03/26 00:59	1
Toluene-d8 (Surr)	87		71 - 125	07/02/26 18:25	07/03/26 00:59	1
Dibromofluoromethane (Surr)	106		60 - 140	07/02/26 18:25	07/03/26 00:59	1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2000	380	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
bis (2-chloroisopropyl) ether	ND		2000	410	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2,4,5-Trichlorophenol	ND		2000	410	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2,4,6-Trichlorophenol	ND		2000	300	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2,4-Dichlorophenol	ND		2000	390	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2,4-Dimethylphenol	ND		2000	420	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2,4-Dinitrophenol	ND		20000	380	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2,4-Dinitrotoluene	ND		2000	270	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2,6-Dinitrotoluene	ND		2000	290	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2-Chloronaphthalene	ND		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
1,4-Dioxane	ND		1200	440	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2-Chlorophenol	ND		2000	310	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2-Methylphenol	ND		2000	320	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2-Methylnaphthalene	ND		2000	320	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2-Nitroaniline	ND		3900	340	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
2-Nitrophenol	ND		2000	230	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
3,3'-Dichlorobenzidine	ND		3900	590	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
3-Nitroaniline	ND		3900	280	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
4,6-Dinitro-2-methylphenol	ND		3900	440	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
4-Bromophenyl phenyl ether	ND		2000	340	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
4-Chloro-3-methylphenol	ND		2000	410	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
4-Chloroaniline	ND		2000	290	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
4-Chlorophenyl phenyl ether	ND		2000	420	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
4-Methylphenol	ND		3900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
4-Nitroaniline	ND		3900	290	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
4-Nitrophenol	ND		3900	550	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Acenaphthene	ND		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Acenaphthylene	ND		2000	390	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Acetophenone	ND		2000	350	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Anthracene	ND		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Atrazine	ND		2000	680	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Benzaldehyde	ND		2000	1500	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Benzo[a]anthracene	**990**	**J**	2000	280	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Benzo[a]pyrene	**970**	**J**	2000	340	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Benzo[b]fluoranthene	**1400**	**J**	2000	270	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Benzo[g,h,i]perylene	**660**	**J**	2000	350	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Benzo[k]fluoranthene	**560**	**J**	2000	450	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Bis(2-chloroethoxy)methane	ND		2000	380	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Bis(2-chloroethyl)ether	ND		2000	380	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Bis(2-ethylhexyl) phthalate	ND		2000	440	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Caprolactam	ND		2000	460	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Carbazole	ND		2000	390	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Chrysene	**1100**	**J**	2000	480	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Dibenz(a,h)anthracene	ND		2000	410	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Di-n-butyl phthalate	ND		2000	450	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Di-n-octyl phthalate	ND		2000	380	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Dibenzofuran	ND		2000	350	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Diethyl phthalate	ND		2000	360	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Dimethyl phthalate	ND		2000	390	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Fluoranthene	**2200**		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Fluorene	ND		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Hexachlorobenzene	ND		2000	390	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Hexachlorobutadiene	ND		2000	300	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Hexachlorocyclopentadiene	ND		3900	880	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Hexachloroethane	ND		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Indeno[1,2,3-cd]pyrene	**570**	**J**	2000	300	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Isophorone	ND		2000	410	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
N-Nitrosodi-n-propylamine	ND		2000	450	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
N-Nitrosodiphenylamine	ND		2000	340	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Naphthalene	ND		2000	330	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Nitrobenzene	ND		2000	340	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Pentachlorophenol	ND		3900	640	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Phenanthrene	**730**	**J**	2000	380	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Phenol	ND		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10
Pyrene	**1400**	**J**	2000	380	ug/Kg	☼	07/02/26 06:27	07/07/26 08:47	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5100*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/02/26 06:27*	*07/07/26 08:47*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*83*		*22 - 120*	*07/02/26 06:27*	*07/07/26 08:47*	*10*
Phenol-d5 (Surr)	*78*		*23 - 120*	*07/02/26 06:27*	*07/07/26 08:47*	*10*
p-Terphenyl-d14 (Surr)	*72*		*28 - 124*	*07/02/26 06:27*	*07/07/26 08:47*	*10*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 140*	*07/02/26 06:27*	*07/07/26 08:47*	*10*
2-Fluorobiphenyl (Surr)	*72*		*29 - 120*	*07/02/26 06:27*	*07/07/26 08:47*	*10*
2-Fluorophenol (Surr)	*82*		*18 - 120*	*07/02/26 06:27*	*07/07/26 08:47*	*10*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		200	39	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
4,4'-DDE	ND		200	42	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
4,4'-DDT	ND		200	47	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
beta-BHC	ND		200	36	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
cis-Chlordane	ND		200	100	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
alpha-BHC	ND		200	36	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
Aldrin	ND		200	49	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
delta-BHC	ND		200	37	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
Dieldrin	ND		200	48	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
Endosulfan I	ND		200	39	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	ND		200	36	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
Endosulfan sulfate	ND		200	37	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
Endrin	ND		200	40	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
Endrin aldehyde	ND		200	51	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
Endrin ketone	ND		200	49	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
gamma-BHC (Lindane)	ND		200	37	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
trans-Chlordane	ND		200	64	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
Heptachlor	ND		200	44	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
Heptachlor epoxide	ND		200	52	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
Methoxychlor	ND		200	41	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50
Toxaphene	ND		2000	1200	ug/Kg	☼	07/01/26 13:26	07/02/26 12:43	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/01/26 13:26*	*07/02/26 12:43*	*50*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/01/26 13:26*	*07/02/26 12:43*	*50*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/01/26 13:26*	*07/02/26 12:43*	*50*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/01/26 13:26*	*07/02/26 12:43*	*50*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.29	0.056	mg/Kg	☼	07/02/26 08:41	07/06/26 12:04	1
PCB-1221	ND		0.29	0.056	mg/Kg	☼	07/02/26 08:41	07/06/26 12:04	1
PCB-1232	ND		0.29	0.056	mg/Kg	☼	07/02/26 08:41	07/06/26 12:04	1
PCB-1242	ND		0.29	0.056	mg/Kg	☼	07/02/26 08:41	07/06/26 12:04	1
PCB-1248	ND		0.29	0.056	mg/Kg	☼	07/02/26 08:41	07/06/26 12:04	1
PCB-1254	ND		0.29	0.13	mg/Kg	☼	07/02/26 08:41	07/06/26 12:04	1
PCB-1260	ND		0.29	0.13	mg/Kg	☼	07/02/26 08:41	07/06/26 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*105*		*60 - 154*	*07/02/26 08:41*	*07/06/26 12:04*	*1*
Tetrachloro-m-xylene	*94*		*60 - 154*	*07/02/26 08:41*	*07/06/26 12:04*	*1*
DCB Decachlorobiphenyl	*89*		*65 - 174*	*07/02/26 08:41*	*07/06/26 12:04*	*1*
DCB Decachlorobiphenyl	*77*		*65 - 174*	*07/02/26 08:41*	*07/06/26 12:04*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid (PFHxS)	**0.20**		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorooctanesulfonic acid (PFOS)	**3.6**		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.49	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.49	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.49	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.49	ng/g	☼	07/06/26 07:31	07/12/26 11:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.9*		*8 - 130*	*07/06/26 07:31*	*07/12/26 11:47*	*1*
13C5 PFPeA	*89.6*		*35 - 130*	*07/06/26 07:31*	*07/12/26 11:47*	*1*
13C5 PFHxA	*83.8*		*40 - 130*	*07/06/26 07:31*	*07/12/26 11:47*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	87.0		40 - 130	07/06/26 07:31	07/12/26 11:47	1
13C8 PFOA	78.3		40 - 130	07/06/26 07:31	07/12/26 11:47	1
13C9 PFNA	78.6		40 - 130	07/06/26 07:31	07/12/26 11:47	1
13C6 PFDA	70.8		40 - 130	07/06/26 07:31	07/12/26 11:47	1
13C7 PFUnA	68.8		40 - 130	07/06/26 07:31	07/12/26 11:47	1
13C2 PFTeDA	59.1		20 - 130	07/06/26 07:31	07/12/26 11:47	1
13C3 PFBS	75.9		40 - 135	07/06/26 07:31	07/12/26 11:47	1
13C3 PFHxS	69.1		40 - 130	07/06/26 07:31	07/12/26 11:47	1
13C8 PFOS	55.7		40 - 130	07/06/26 07:31	07/12/26 11:47	1
13C8 FOSA	68.8		40 - 130	07/06/26 07:31	07/12/26 11:47	1
d3-NMeFOSAA	73.1		40 - 135	07/06/26 07:31	07/12/26 11:47	1
d5-NEtFOSAA	67.5		40 - 150	07/06/26 07:31	07/12/26 11:47	1
13C2 4:2 FTS	72.1		40 - 165	07/06/26 07:31	07/12/26 11:47	1
13C2 6:2 FTS	80.7		40 - 215	07/06/26 07:31	07/12/26 11:47	1
13C2 8:2 FTS	73.1		40 - 275	07/06/26 07:31	07/12/26 11:47	1
13C3 HFPO-DA	81.3		40 - 130	07/06/26 07:31	07/12/26 11:47	1
d7-N-MeFOSE-M	42.1		20 - 130	07/06/26 07:31	07/12/26 11:47	1
d9-N-EtFOSE-M	38.8		15 - 130	07/06/26 07:31	07/12/26 11:47	1
d5-NEtPFOSA	44.6		10 - 130	07/06/26 07:31	07/12/26 11:47	1
d3-NMePFOSA	53.9		10 - 130	07/06/26 07:31	07/12/26 11:47	1
13C2 PFDoA	61.7		40 - 130	07/06/26 07:31	07/12/26 11:47	1
13C3-PFDoS	44.0		20 - 150	07/06/26 07:31	07/12/26 11:47	1
13C3-3:3 FTCA	87.8		20 - 150	07/06/26 07:31	07/12/26 11:47	1
13C3-5:3 FTCA	83.7		20 - 150	07/06/26 07:31	07/12/26 11:47	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20500		12.1	10.4	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Antimony	4.0	J	18.1	0.64	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Arsenic	5.0		2.4	1.1	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Barium	150		0.60	0.17	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Beryllium	0.89		0.24	0.048	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Cadmium	0.33		0.24	0.085	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Calcium	63700		60.4	32.6	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Chromium	24.9		0.60	0.43	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Cobalt	9.7		0.60	0.12	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Copper	26.5		1.2	0.69	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Iron	21700		12.1	10.2	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Lead	79.8		1.2	0.56	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Magnesium	21000		24.2	10.2	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Manganese	489		1.2	0.34	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Nickel	21.3		6.0	0.30	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Potassium	5920		36.2	29.3	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Selenium	ND		4.8	0.97	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Silver	ND	^5+	0.72	0.24	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Sodium	345		169	74.1	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Thallium	ND		7.2	0.92	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Vanadium	36.0		0.60	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1
Zinc	104		2.4	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 18:43	1

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.092**		0.024	0.0055	mg/Kg	☼	07/07/26 11:43	07/07/26 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.2	0.57	mg/Kg	☼	07/02/26 14:15	07/02/26 18:20	1

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.8	0.42	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.93	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,1,2-Trichloroethane	ND	vs	5.8	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,1-Dichloroethane	ND	vs	5.8	0.70	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,1-Dichloroethene	ND	vs	5.8	0.71	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,2-Dichlorobenzene	ND	vs	5.8	0.45	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,2-Dichloroethane	ND	vs	5.8	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,2-Dichloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,3-Dichlorobenzene	ND	vs	5.8	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,4-Dichlorobenzene	ND	vs	5.8	0.81	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
2-Butanone (MEK)	**4.0**	**J vs**	29	2.1	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Acetone	**46**	**vs**	29	4.9	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Benzene	ND	vs	5.8	0.28	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Bromoform	ND	vs	5.8	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Bromomethane	ND	vs	5.8	0.52	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Carbon disulfide	ND	vs	5.8	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Carbon tetrachloride	ND	vs	5.8	0.56	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Chlorobenzene	ND	vs	5.8	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Dibromochloromethane	ND	vs	5.8	0.74	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Chloroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Chloroform	**0.87**	**J B vs**	5.8	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Chloromethane	ND	*+ vs	5.8	0.35	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
cis-1,2-Dichloroethene	ND	vs	5.8	0.74	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Cyclohexane	ND	vs	5.8	0.81	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Bromodichloromethane	ND	vs	5.8	0.77	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Dichlorodifluoromethane	ND	vs	5.8	0.48	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Ethylbenzene	ND	vs	5.8	0.40	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
1,2-Dibromoethane	ND	vs	5.8	0.74	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Isopropylbenzene	ND	vs	5.8	0.87	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Methyl tert-butyl ether	ND	vs	5.8	0.57	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Methylcyclohexane	ND	vs	5.8	0.88	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Methylene Chloride	ND	vs	5.8	2.7	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND	vs	5.8	0.77	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Toluene	ND	vs	5.8	0.44	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
trans-1,2-Dichloroethene	ND	vs	5.8	0.59	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
trans-1,3-Dichloropropene	ND	vs	5.8	2.5	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Trichloroethene	ND	vs	5.8	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Trichlorofluoromethane	ND	vs	5.8	0.55	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Vinyl chloride	ND	vs	5.8	0.70	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Xylenes, Total	ND	vs	12	0.97	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
cis-1,3-Dichloropropene	ND	vs	5.8	0.83	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1
Styrene	ND	vs	5.8	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 01:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*33*	*T J*	*ug/Kg*	☼	*8.99*	*N/A*	*07/02/26 18:25*	*07/03/26 01:23*	*1*
Naphthalene, decahydro-2-methyl-	*39*	*T J N*	*ug/Kg*	☼	*11.38*	*2958-76-1*	*07/02/26 18:25*	*07/03/26 01:23*	*1*
Unknown	*43*	*T J*	*ug/Kg*	☼	*11.46*	*N/A*	*07/02/26 18:25*	*07/03/26 01:23*	*1*
1-Methyldecahydronaphthalene	*42*	*T J N*	*ug/Kg*	☼	*11.57*	*2958-75-0*	*07/02/26 18:25*	*07/03/26 01:23*	*1*
Unknown	*42*	*T J*	*ug/Kg*	☼	*11.91*	*N/A*	*07/02/26 18:25*	*07/03/26 01:23*	*1*
Dodecane, 6-methyl-	*42*	*T J N*	*ug/Kg*	☼	*12.01*	*6044-71-9*	*07/02/26 18:25*	*07/03/26 01:23*	*1*
Unknown	*62*	*T J*	*ug/Kg*	☼	*12.05*	*N/A*	*07/02/26 18:25*	*07/03/26 01:23*	*1*
Benzene, diethylmethyl-	*28*	*T J N*	*ug/Kg*	☼	*12.27*	*25550-13-4*	*07/02/26 18:25*	*07/03/26 01:23*	*1*
Unknown	*37*	*T J*	*ug/Kg*	☼	*12.36*	*N/A*	*07/02/26 18:25*	*07/03/26 01:23*	*1*
Unknown	*35*	*T J*	*ug/Kg*	☼	*12.58*	*N/A*	*07/02/26 18:25*	*07/03/26 01:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*07/02/26 18:25*	*07/03/26 01:23*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*07/02/26 18:25*	*07/03/26 01:23*	*1*
Toluene-d8 (Surr)	*84*		*71 - 125*	*07/02/26 18:25*	*07/03/26 01:23*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*07/02/26 18:25*	*07/03/26 01:23*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2,4,5-Trichlorophenol	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2,4,6-Trichlorophenol	ND		200	30	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2,4-Dichlorophenol	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2,4-Dimethylphenol	ND		200	41	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2,6-Dinitrotoluene	ND		200	28	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2-Chloronaphthalene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
1,4-Dioxane	ND		120	43	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2-Chlorophenol	ND		200	31	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2-Methylphenol	ND		200	32	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
2-Nitrophenol	ND		200	22	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
3,3'-Dichlorobenzidine	ND		380	58	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
3-Nitroaniline	ND		380	28	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
4-Chloro-3-methylphenol	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
4-Chloroaniline	ND		200	28	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
4-Chlorophenyl phenyl ether	ND		200	41	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
4-Methylphenol	**86**	**J**	380	35	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
4-Nitroaniline	ND		380	29	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
4-Nitrophenol	ND		380	54	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Acenaphthene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Acenaphthylene	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Acetophenone	ND		200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Anthracene	**60**	**J**	200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Atrazine	ND		200	67	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Benzo[a]anthracene	**170**	**J**	200	27	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Benzo[a]pyrene	**200**		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Benzo[b]fluoranthene	**260**		200	26	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Benzo[g,h,i]perylene	**140**	**J**	200	34	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Benzo[k]fluoranthene	**99**	**J**	200	44	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Bis(2-chloroethoxy)methane	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Bis(2-chloroethyl)ether	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Bis(2-ethylhexyl) phthalate	ND		200	43	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Butyl benzyl phthalate	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Caprolactam	ND		200	45	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Carbazole	ND		200	39	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Chrysene	**260**		200	47	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Dibenz(a,h)anthracene	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Di-n-butyl phthalate	ND		200	44	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Di-n-octyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Dibenzofuran	**66**	**J**	200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Diethyl phthalate	ND		200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Dimethyl phthalate	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Fluoranthene	**380**		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Fluorene	**45**	**J**	200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Hexachlorobenzene	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Hexachlorocyclopentadiene	ND		380	86	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Hexachloroethane	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Indeno[1,2,3-cd]pyrene	**110**	**J**	200	29	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Isophorone	**160**	**J**	200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
N-Nitrosodi-n-propylamine	ND		200	44	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
N-Nitrosodiphenylamine	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Naphthalene	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Nitrobenzene	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Pentachlorophenol	ND		380	63	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Phenanthrene	**84**	**J**	200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Phenol	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1
Pyrene	**300**		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 09:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5200*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 06:27*	*07/07/26 09:11*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Heptane, 3-ethyl-2-methyl-	420	T J N	ug/Kg	☼	4.90	14676-29-0	07/02/26 06:27	07/07/26 09:11	1
Unknown	380	T J	ug/Kg	☼	5.16	N/A	07/02/26 06:27	07/07/26 09:11	1
Nonane, 2,6-dimethyl-	510	T J N	ug/Kg	☼	5.80	17302-28-2	07/02/26 06:27	07/07/26 09:11	1
Naphthalene, decahydro-, trans-	750	T J N	ug/Kg	☼	6.22	493-02-7	07/02/26 06:27	07/07/26 09:11	1
Unknown	490	T J	ug/Kg	☼	6.39	N/A	07/02/26 06:27	07/07/26 09:11	1
Naphthalene, decahydro-2-methyl-	840	T J N	ug/Kg	☼	6.87	2958-76-1	07/02/26 06:27	07/07/26 09:11	1
Undecane, 2,6-dimethyl-	990	T J N	ug/Kg	☼	7.44	17301-23-4	07/02/26 06:27	07/07/26 09:11	1
Unknown	450	T J	ug/Kg	☼	7.50	N/A	07/02/26 06:27	07/07/26 09:11	1
Unknown	390	T J	ug/Kg	☼	7.54	N/A	07/02/26 06:27	07/07/26 09:11	1
Unknown	520	T J	ug/Kg	☼	7.68	N/A	07/02/26 06:27	07/07/26 09:11	1
Unknown	600	T J	ug/Kg	☼	7.76	N/A	07/02/26 06:27	07/07/26 09:11	1
Unknown	1100	T J	ug/Kg	☼	7.85	N/A	07/02/26 06:27	07/07/26 09:11	1
Unknown	640	T J	ug/Kg	☼	7.97	N/A	07/02/26 06:27	07/07/26 09:11	1
Unknown	570	T J	ug/Kg	☼	8.05	N/A	07/02/26 06:27	07/07/26 09:11	1
Unknown	520	T J	ug/Kg	☼	8.18	N/A	07/02/26 06:27	07/07/26 09:11	1
Unknown	430	T J	ug/Kg	☼	8.29	N/A	07/02/26 06:27	07/07/26 09:11	1
Unknown	390	T J	ug/Kg	☼	8.41	N/A	07/02/26 06:27	07/07/26 09:11	1
Unknown	840	T J	ug/Kg	☼	8.74	N/A	07/02/26 06:27	07/07/26 09:11	1
Cyclohexane, octyl-	660	T J N	ug/Kg	☼	9.09	1795-15-9	07/02/26 06:27	07/07/26 09:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	90		22 - 120	07/02/26 06:27	07/07/26 09:11	1
Phenol-d5 (Surr)	85		23 - 120	07/02/26 06:27	07/07/26 09:11	1
p-Terphenyl-d14 (Surr)	83		28 - 124	07/02/26 06:27	07/07/26 09:11	1
2,4,6-Tribromophenol (Surr)	88		10 - 140	07/02/26 06:27	07/07/26 09:11	1
2-Fluorobiphenyl (Surr)	88		29 - 120	07/02/26 06:27	07/07/26 09:11	1
2-Fluorophenol (Surr)	84		18 - 120	07/02/26 06:27	07/07/26 09:11	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		77	15	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
4,4'-DDE	ND		77	16	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
4,4'-DDT	**32**	**J**	77	18	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
beta-BHC	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
cis-Chlordane	ND		77	38	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
alpha-BHC	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
Aldrin	ND		77	19	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
delta-BHC	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
Dieldrin	ND		77	19	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
Endosulfan I	ND		77	15	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
Endosulfan II	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
Endosulfan sulfate	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
Endrin	ND		77	15	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
Endrin aldehyde	ND		77	20	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
Endrin ketone	ND		77	19	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
gamma-BHC (Lindane)	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
trans-Chlordane	ND		77	25	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
Heptachlor	ND		77	17	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
Heptachlor epoxide	ND		77	20	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	ND		77	16	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20
Toxaphene	ND		770	450	ug/Kg	☼	07/01/26 13:26	07/02/26 13:02	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/01/26 13:26*	*07/02/26 13:02*	*20*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/01/26 13:26*	*07/02/26 13:02*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/01/26 13:26*	*07/02/26 13:02*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/01/26 13:26*	*07/02/26 13:02*	*20*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	07/02/26 08:41	07/06/26 12:22	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	07/02/26 08:41	07/06/26 12:22	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	07/02/26 08:41	07/06/26 12:22	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	07/02/26 08:41	07/06/26 12:22	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	07/02/26 08:41	07/06/26 12:22	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	07/02/26 08:41	07/06/26 12:22	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	07/02/26 08:41	07/06/26 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*		*60 - 154*	*07/02/26 08:41*	*07/06/26 12:22*	*1*
Tetrachloro-m-xylene	*91*		*60 - 154*	*07/02/26 08:41*	*07/06/26 12:22*	*1*
DCB Decachlorobiphenyl	*89*		*65 - 174*	*07/02/26 08:41*	*07/06/26 12:22*	*1*
DCB Decachlorobiphenyl	*76*		*65 - 174*	*07/02/26 08:41*	*07/06/26 12:22*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorooctanesulfonic acid (PFOS)	**0.11**	**J**	0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 12:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*92.4*		*8 - 130*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
13C5 PFPeA	*100*		*35 - 130*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
13C5 PFHxA	*93.1*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
13C4 PFHpA	*102*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
13C8 PFOA	*88.6*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
13C9 PFNA	*94.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
13C6 PFDA	*84.6*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
13C7 PFUnA	*81.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
13C2 PFTeDA	*81.3*		*20 - 130*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
13C3 PFBS	*86.2*		*40 - 135*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
13C3 PFHxS	*83.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
13C8 PFOS	*74.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
13C8 FOSA	*76.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:01*	*1*
d3-NMeFOSAA	*76.6*		*40 - 135*	*07/06/26 07:31*	*07/12/26 12:01*	*1*

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	74.6		40 - 150	07/06/26 07:31	07/12/26 12:01	1
13C2 4:2 FTS	78.6		40 - 165	07/06/26 07:31	07/12/26 12:01	1
13C2 6:2 FTS	83.5		40 - 215	07/06/26 07:31	07/12/26 12:01	1
13C2 8:2 FTS	70.9		40 - 275	07/06/26 07:31	07/12/26 12:01	1
13C3 HFPO-DA	86.8		40 - 130	07/06/26 07:31	07/12/26 12:01	1
d7-N-MeFOSE-M	51.3		20 - 130	07/06/26 07:31	07/12/26 12:01	1
d9-N-EtFOSE-M	48.7		15 - 130	07/06/26 07:31	07/12/26 12:01	1
d5-NEtPFOSA	58.7		10 - 130	07/06/26 07:31	07/12/26 12:01	1
d3-NMePFOSA	67.5		10 - 130	07/06/26 07:31	07/12/26 12:01	1
13C2 PFDoA	74.6		40 - 130	07/06/26 07:31	07/12/26 12:01	1
13C3-PFDoS	59.6		20 - 150	07/06/26 07:31	07/12/26 12:01	1
13C3-3:3 FTCA	96.6		20 - 150	07/06/26 07:31	07/12/26 12:01	1
13C3-5:3 FTCA	93.6		20 - 150	07/06/26 07:31	07/12/26 12:01	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15900**		11.3	9.7	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Antimony	ND		16.9	0.60	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Arsenic	**2.7**		2.3	0.99	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Barium	**110**		0.56	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Beryllium	**0.62**		0.23	0.045	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Cadmium	**0.28**		0.23	0.079	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Calcium	**70800**		56.4	30.5	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Chromium	**18.2**		0.56	0.41	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Cobalt	**8.1**		0.56	0.11	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Copper	**13.8**		1.1	0.64	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Iron	**17300**		11.3	9.6	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Lead	**29.9**		1.1	0.52	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Magnesium	**27200**		22.6	9.6	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Manganese	**439**		1.1	0.32	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Nickel	**15.4**		5.6	0.28	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Potassium	**5730**		33.9	27.4	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Selenium	ND		4.5	0.90	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Silver	ND	^5+	0.68	0.23	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Sodium	**362**		158	69.2	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Thallium	ND		6.8	0.86	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Vanadium	**28.1**		0.56	0.15	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1
Zinc	**72.6**		2.3	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 18:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.035**		0.023	0.0053	mg/Kg	☼	07/07/26 11:43	07/07/26 15:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.54	mg/Kg	☼	07/02/26 14:15	07/02/26 18:21	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 82.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.1	0.44	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,1,2,2-Tetrachloroethane	ND	vs	6.1	0.99	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.1	1.4	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,1,2-Trichloroethane	ND	vs	6.1	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,1-Dichloroethane	ND	vs	6.1	0.74	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,1-Dichloroethene	ND	vs	6.1	0.74	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,2,4-Trichlorobenzene	ND	vs	6.1	0.37	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.1	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,2-Dichlorobenzene	ND	vs	6.1	0.48	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,2-Dichloroethane	ND	vs	6.1	0.31	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,2-Dichloropropane	ND	vs	6.1	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,3-Dichlorobenzene	ND	vs	6.1	0.31	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,4-Dichlorobenzene	ND	vs	6.1	0.85	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
2-Butanone (MEK)	**3.9**	**J vs**	30	2.2	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	2.0	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Acetone	**40**	**vs**	30	5.1	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Benzene	ND	vs	6.1	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Bromoform	ND	vs	6.1	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Bromomethane	ND	vs	6.1	0.55	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Carbon disulfide	ND	vs	6.1	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Carbon tetrachloride	ND	vs	6.1	0.59	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Chlorobenzene	ND	vs	6.1	0.80	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Dibromochloromethane	ND	vs	6.1	0.78	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Chloroethane	ND	vs	6.1	1.4	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Chloroform	**0.94**	**J B vs**	6.1	0.38	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Chloromethane	ND	*+ vs	6.1	0.37	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
cis-1,2-Dichloroethene	ND	vs	6.1	0.78	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Cyclohexane	ND	vs	6.1	0.85	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Bromodichloromethane	ND	vs	6.1	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Dichlorodifluoromethane	ND	vs	6.1	0.50	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Ethylbenzene	ND	vs	6.1	0.42	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
1,2-Dibromoethane	ND	vs	6.1	0.78	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Isopropylbenzene	ND	vs	6.1	0.92	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Methyl acetate	ND	vs	30	3.7	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Methyl tert-butyl ether	ND	vs	6.1	0.60	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Methylcyclohexane	ND	vs	6.1	0.92	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Methylene Chloride	ND	vs	6.1	2.8	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Tetrachloroethene	ND	vs	6.1	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Toluene	ND	vs	6.1	0.46	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
trans-1,2-Dichloroethene	ND	vs	6.1	0.63	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
trans-1,3-Dichloropropene	ND	vs	6.1	2.7	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Trichloroethene	ND	vs	6.1	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Trichlorofluoromethane	ND	vs	6.1	0.58	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Vinyl chloride	ND	vs	6.1	0.74	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
cis-1,3-Dichloropropene	ND	vs	6.1	0.88	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1
Styrene	ND	vs	6.1	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 01:47	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 82.2

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	07/02/26 18:25	07/03/26 01:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	07/02/26 18:25	07/03/26 01:47	1
4-Bromofluorobenzene (Surr)	104		72 - 126	07/02/26 18:25	07/03/26 01:47	1
Toluene-d8 (Surr)	85		71 - 125	07/02/26 18:25	07/03/26 01:47	1
Dibromofluoromethane (Surr)	102		60 - 140	07/02/26 18:25	07/03/26 01:47	1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		980	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
bis (2-chloroisopropyl) ether	ND		980	200	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2,4,5-Trichlorophenol	ND		980	200	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2,4,6-Trichlorophenol	ND		980	150	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2,4-Dichlorophenol	ND		980	190	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2,4-Dimethylphenol	ND		980	210	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2,4-Dinitrophenol	ND		9600	190	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2,4-Dinitrotoluene	ND		980	130	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2,6-Dinitrotoluene	ND		980	140	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2-Chloronaphthalene	ND		980	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
1,4-Dioxane	ND		580	220	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2-Chlorophenol	ND		980	150	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2-Methylphenol	ND		980	160	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2-Methylnaphthalene	ND		980	150	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2-Nitroaniline	ND		1900	170	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
2-Nitrophenol	ND		980	110	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
3,3'-Dichlorobenzidine	ND		1900	290	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
3-Nitroaniline	ND		1900	140	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
4,6-Dinitro-2-methylphenol	ND		1900	210	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
4-Bromophenyl phenyl ether	ND		980	170	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
4-Chloro-3-methylphenol	ND		980	200	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
4-Chloroaniline	ND		980	140	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
4-Chlorophenyl phenyl ether	ND		980	210	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
4-Methylphenol	ND		1900	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
4-Nitroaniline	ND		1900	140	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
4-Nitrophenol	ND		1900	270	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Acenaphthene	ND		980	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Acenaphthylene	ND		980	190	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Acetophenone	ND		980	170	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Anthracene	ND		980	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Atrazine	ND		980	330	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Benzaldehyde	ND		980	750	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Benzo[a]anthracene	ND		980	130	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Benzo[a]pyrene	ND		980	170	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Benzo[b]fluoranthene	ND		980	130	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Benzo[g,h,i]perylene	ND		980	170	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Benzo[k]fluoranthene	ND		980	220	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Bis(2-chloroethoxy)methane	ND		980	190	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Bis(2-chloroethyl)ether	ND		980	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Bis(2-ethylhexyl) phthalate	ND		980	210	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 82.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		980	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Caprolactam	ND		980	230	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Carbazole	ND		980	190	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Chrysene	ND		980	240	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Dibenz(a,h)anthracene	ND		980	200	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Di-n-butyl phthalate	ND		980	220	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Di-n-octyl phthalate	ND		980	190	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Dibenzofuran	ND		980	170	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Diethyl phthalate	ND		980	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Dimethyl phthalate	ND		980	190	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Fluoranthene	ND		980	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Fluorene	ND		980	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Hexachlorobenzene	ND		980	190	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Hexachlorobutadiene	ND		980	150	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Hexachlorocyclopentadiene	ND		1900	430	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Hexachloroethane	ND		980	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Indeno[1,2,3-cd]pyrene	ND		980	150	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Isophorone	ND		980	200	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
N-Nitrosodi-n-propylamine	ND		980	220	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
N-Nitrosodiphenylamine	ND		980	160	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Naphthalene	ND		980	160	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Nitrobenzene	ND		980	160	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Pentachlorophenol	ND		1900	310	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Phenanthrene	ND		980	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Phenol	ND		980	180	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5
Pyrene	ND		980	190	ug/Kg	☼	07/02/26 06:27	07/07/26 13:26	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*860*	*T J*	*ug/Kg*	☼	*2.74*	*N/A*	*07/02/26 06:27*	*07/07/26 13:26*	*5*
Unknown	*5700*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/02/26 06:27*	*07/07/26 13:26*	*5*
Unknown	*880*	*T J*	*ug/Kg*	☼	*16.97*	*N/A*	*07/02/26 06:27*	*07/07/26 13:26*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*98*		*22 - 120*	*07/02/26 06:27*	*07/07/26 13:26*	*5*
Phenol-d5 (Surr)	*92*		*23 - 120*	*07/02/26 06:27*	*07/07/26 13:26*	*5*
p-Terphenyl-d14 (Surr)	*91*		*28 - 124*	*07/02/26 06:27*	*07/07/26 13:26*	*5*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 140*	*07/02/26 06:27*	*07/07/26 13:26*	*5*
2-Fluorobiphenyl (Surr)	*93*		*29 - 120*	*07/02/26 06:27*	*07/07/26 13:26*	*5*
2-Fluorophenol (Surr)	*91*		*18 - 120*	*07/02/26 06:27*	*07/07/26 13:26*	*5*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		20	3.9	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
4,4'-DDE	ND		20	4.2	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
4,4'-DDT	**10**	**J**	20	4.7	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
beta-BHC	ND		20	3.6	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
cis-Chlordane	ND		20	10	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
alpha-BHC	ND		20	3.6	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
Aldrin	ND		20	5.0	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
delta-BHC	ND		20	3.8	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 82.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		20	4.8	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
Endosulfan I	ND		20	3.9	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
Endosulfan II	ND		20	3.6	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
Endosulfan sulfate	ND		20	3.8	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
Endrin	ND		20	4.0	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
Endrin aldehyde	ND		20	5.2	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
Endrin ketone	ND		20	5.0	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
gamma-BHC (Lindane)	ND		20	3.7	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
trans-Chlordane	ND		20	6.4	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
Heptachlor	ND		20	4.4	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
Heptachlor epoxide	ND		20	5.2	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
Methoxychlor	ND		20	4.1	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5
Toxaphene	ND		200	120	ug/Kg	☼	07/01/26 13:26	07/02/26 13:22	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*45 - 120*	*07/01/26 13:26*	*07/02/26 13:22*	*5*
DCB Decachlorobiphenyl	*97*		*45 - 120*	*07/01/26 13:26*	*07/02/26 13:22*	*5*
Tetrachloro-m-xylene	*119*		*30 - 124*	*07/01/26 13:26*	*07/02/26 13:22*	*5*
Tetrachloro-m-xylene	*85*		*30 - 124*	*07/01/26 13:26*	*07/02/26 13:22*	*5*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 12:41	1
PCB-1221	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 12:41	1
PCB-1232	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 12:41	1
PCB-1242	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 12:41	1
PCB-1248	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 12:41	1
PCB-1254	ND		0.30	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 12:41	1
PCB-1260	ND		0.30	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*60 - 154*	*07/02/26 08:41*	*07/06/26 12:41*	*1*
Tetrachloro-m-xylene	*85*		*60 - 154*	*07/02/26 08:41*	*07/06/26 12:41*	*1*
DCB Decachlorobiphenyl	*80*		*65 - 174*	*07/02/26 08:41*	*07/06/26 12:41*	*1*
DCB Decachlorobiphenyl	*70*		*65 - 174*	*07/02/26 08:41*	*07/06/26 12:41*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.38	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 82.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorooctanesulfonic acid (PFOS)	**0.18**	**J**	0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.19	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.19	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.19	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/06/26 07:31	07/12/26 12:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77.1*		*8 - 130*	*07/06/26 07:31*	*07/12/26 12:15*	*1*
13C5 PFPeA	*83.6*		*35 - 130*	*07/06/26 07:31*	*07/12/26 12:15*	*1*

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 82.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	80.1		40 - 130	07/06/26 07:31	07/12/26 12:15	1
13C4 PFHpA	84.8		40 - 130	07/06/26 07:31	07/12/26 12:15	1
13C8 PFOA	77.8		40 - 130	07/06/26 07:31	07/12/26 12:15	1
13C9 PFNA	80.0		40 - 130	07/06/26 07:31	07/12/26 12:15	1
13C6 PFDA	74.4		40 - 130	07/06/26 07:31	07/12/26 12:15	1
13C7 PFUnA	75.7		40 - 130	07/06/26 07:31	07/12/26 12:15	1
13C2 PFTeDA	69.9		20 - 130	07/06/26 07:31	07/12/26 12:15	1
13C3 PFBS	72.4		40 - 135	07/06/26 07:31	07/12/26 12:15	1
13C3 PFHxS	70.1		40 - 130	07/06/26 07:31	07/12/26 12:15	1
13C8 PFOS	68.2		40 - 130	07/06/26 07:31	07/12/26 12:15	1
13C8 FOSA	62.3		40 - 130	07/06/26 07:31	07/12/26 12:15	1
d3-NMeFOSAA	65.1		40 - 135	07/06/26 07:31	07/12/26 12:15	1
d5-NEtFOSAA	60.8		40 - 150	07/06/26 07:31	07/12/26 12:15	1
13C2 4:2 FTS	64.1		40 - 165	07/06/26 07:31	07/12/26 12:15	1
13C2 6:2 FTS	63.0		40 - 215	07/06/26 07:31	07/12/26 12:15	1
13C2 8:2 FTS	62.1		40 - 275	07/06/26 07:31	07/12/26 12:15	1
13C3 HFPO-DA	75.9		40 - 130	07/06/26 07:31	07/12/26 12:15	1
d7-N-MeFOSE-M	53.3		20 - 130	07/06/26 07:31	07/12/26 12:15	1
d9-N-EtFOSE-M	47.5		15 - 130	07/06/26 07:31	07/12/26 12:15	1
d5-NEtPFOSA	48.5		10 - 130	07/06/26 07:31	07/12/26 12:15	1
d3-NMePFOSA	56.9		10 - 130	07/06/26 07:31	07/12/26 12:15	1
13C2 PFDoA	65.3		40 - 130	07/06/26 07:31	07/12/26 12:15	1
13C3-PFDoS	56.9		20 - 150	07/06/26 07:31	07/12/26 12:15	1
13C3-3:3 FTCA	75.2		20 - 150	07/06/26 07:31	07/12/26 12:15	1
13C3-5:3 FTCA	74.2		20 - 150	07/06/26 07:31	07/12/26 12:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14900**		12.4	10.7	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Antimony	ND		18.6	0.66	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Arsenic	**1.1**	**J**	2.5	1.1	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Barium	**95.1**		0.62	0.17	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Beryllium	**0.58**		0.25	0.050	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Cadmium	**0.23**	**J**	0.25	0.087	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Calcium	**67400**		62.1	33.5	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Chromium	**17.4**		0.62	0.45	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Cobalt	**7.1**		0.62	0.12	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Copper	**14.3**		1.2	0.71	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Iron	**16500**		12.4	10.5	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Lead	**9.0**		1.2	0.57	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Magnesium	**33000**		24.8	10.5	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Manganese	**420**		1.2	0.35	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Nickel	**14.4**		6.2	0.31	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Potassium	**5160**		37.2	30.1	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Selenium	ND		5.0	0.99	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Silver	ND	^5+	0.74	0.25	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Sodium	**403**		174	76.1	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Thallium	ND		7.4	0.94	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Vanadium	**27.5**		0.62	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1
Zinc	**67.9**		2.5	1.3	mg/Kg	☼	07/01/26 16:08	07/02/26 18:47	1

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3

Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 82.2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.025**		0.025	0.0057	mg/Kg	☼	07/07/26 11:43	07/07/26 15:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.55	mg/Kg	☼	07/02/26 14:15	07/02/26 18:21	1

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4

Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,1-Dichloroethane	ND	vs	5.7	0.70	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,2-Dichlorobenzene	ND	vs	5.7	0.45	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,2-Dichloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,4-Dichlorobenzene	ND	vs	5.7	0.80	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
2-Butanone (MEK)	ND	vs	28	2.1	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Acetone	ND	vs	28	4.8	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Bromoform	ND	vs	5.7	2.8	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Carbon disulfide	ND	vs	5.7	2.8	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Chloroform	**0.95**	**J B vs**	5.7	0.35	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Chloromethane	ND	*+ vs	5.7	0.34	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Cyclohexane	ND	vs	5.7	0.80	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Bromodichloromethane	ND	vs	5.7	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Isopropylbenzene	ND	vs	5.7	0.86	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Methylcyclohexane	ND	vs	5.7	0.87	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND	vs	5.7	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Toluene	ND	vs	5.7	0.43	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Trichloroethene	ND	vs	5.7	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Vinyl chloride	ND	vs	5.7	0.70	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Xylenes, Total	ND	vs	11	0.96	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1
Styrene	ND	vs	5.7	0.28	ug/Kg	☼	07/02/26 18:25	07/03/26 02:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:25*	*07/03/26 02:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*07/02/26 18:25*	*07/03/26 02:10*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 126*	*07/02/26 18:25*	*07/03/26 02:10*	*1*
Toluene-d8 (Surr)	*88*		*71 - 125*	*07/02/26 18:25*	*07/03/26 02:10*	*1*
Dibromofluoromethane (Surr)	*108*		*60 - 140*	*07/02/26 18:25*	*07/03/26 02:10*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
bis (2-chloroisopropyl) ether	ND		2000	400	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2,4,5-Trichlorophenol	ND		2000	390	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2,4,6-Trichlorophenol	ND		2000	300	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2,4-Dichlorophenol	ND		2000	380	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2,4-Dimethylphenol	ND		2000	410	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2,4-Dinitrophenol	ND		19000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2,4-Dinitrotoluene	ND		2000	260	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2,6-Dinitrotoluene	ND		2000	280	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2-Chloronaphthalene	ND		2000	360	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
1,4-Dioxane	ND		1200	430	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2-Chlorophenol	ND		2000	300	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2-Methylphenol	ND		2000	320	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2-Methylnaphthalene	ND		2000	310	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2-Nitroaniline	ND		3800	330	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
2-Nitrophenol	ND		2000	220	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
3,3'-Dichlorobenzidine	ND		3800	570	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
3-Nitroaniline	ND		3800	280	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
4,6-Dinitro-2-methylphenol	ND		3800	430	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
4-Bromophenyl phenyl ether	ND		2000	330	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
4-Chloro-3-methylphenol	ND		2000	400	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
4-Chloroaniline	ND		2000	280	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
4-Chlorophenyl phenyl ether	ND		2000	410	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
4-Methylphenol	ND		3800	350	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
4-Nitroaniline	ND		3800	290	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
4-Nitrophenol	ND		3800	530	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Acenaphthene	ND		2000	360	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Acenaphthylene	ND		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		2000	340	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Anthracene	ND		2000	360	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Atrazine	ND		2000	660	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Benzaldehyde	ND		2000	1500	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Benzo[a]anthracene	**740**	**J**	2000	270	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Benzo[a]pyrene	**830**	**J**	2000	330	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Benzo[b]fluoranthene	**1100**	**J**	2000	260	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Benzo[g,h,i]perylene	**660**	**J**	2000	340	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Benzo[k]fluoranthene	**520**	**J**	2000	440	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Bis(2-chloroethoxy)methane	ND		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Bis(2-chloroethyl)ether	ND		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Bis(2-ethylhexyl) phthalate	ND		2000	420	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Butyl benzyl phthalate	ND		2000	360	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Caprolactam	ND		2000	450	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Carbazole	ND		2000	380	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Chrysene	**840**	**J**	2000	470	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Dibenz(a,h)anthracene	ND		2000	390	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Di-n-butyl phthalate	ND		2000	440	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Di-n-octyl phthalate	ND		2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Dibenzofuran	ND		2000	340	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Diethyl phthalate	ND		2000	350	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Dimethyl phthalate	ND		2000	380	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Fluoranthene	**1600**	**J**	2000	350	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Fluorene	ND		2000	360	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Hexachlorobenzene	ND		2000	380	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Hexachlorobutadiene	ND		2000	290	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Hexachlorocyclopentadiene	ND		3800	850	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Hexachloroethane	ND		2000	360	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Indeno[1,2,3-cd]pyrene	**630**	**J**	2000	290	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Isophorone	ND		2000	400	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
N-Nitrosodi-n-propylamine	ND		2000	440	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
N-Nitrosodiphenylamine	ND		2000	330	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Naphthalene	ND		2000	320	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Nitrobenzene	ND		2000	330	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Pentachlorophenol	ND		3800	620	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Phenanthrene	**790**	**J**	2000	360	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Phenol	ND		2000	350	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10
Pyrene	**1100**	**J**	2000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 13:50	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5400*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/02/26 06:27*	*07/07/26 13:50*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*98*		*22 - 120*	*07/02/26 06:27*	*07/07/26 13:50*	*10*
Phenol-d5 (Surr)	*91*		*23 - 120*	*07/02/26 06:27*	*07/07/26 13:50*	*10*
p-Terphenyl-d14 (Surr)	*92*		*28 - 124*	*07/02/26 06:27*	*07/07/26 13:50*	*10*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 140*	*07/02/26 06:27*	*07/07/26 13:50*	*10*
2-Fluorobiphenyl (Surr)	*93*		*29 - 120*	*07/02/26 06:27*	*07/07/26 13:50*	*10*
2-Fluorophenol (Surr)	*88*		*18 - 120*	*07/02/26 06:27*	*07/07/26 13:50*	*10*

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.2

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		77	15	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
4,4'-DDE	ND		77	16	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
4,4'-DDT	ND		77	18	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
beta-BHC	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
cis-Chlordane	ND		77	38	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
alpha-BHC	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
Aldrin	ND		77	19	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
delta-BHC	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
Dieldrin	ND		77	19	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
Endosulfan I	ND		77	15	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
Endosulfan II	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
Endosulfan sulfate	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
Endrin	ND		77	15	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
Endrin aldehyde	ND		77	20	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
Endrin ketone	ND		77	19	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
gamma-BHC (Lindane)	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
trans-Chlordane	ND		77	25	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
Heptachlor	ND		77	17	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
Heptachlor epoxide	ND		77	20	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
Methoxychlor	**18**	**J**	77	16	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20
Toxaphene	ND		770	450	ug/Kg	☼	07/01/26 13:26	07/02/26 13:42	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/01/26 13:26*	*07/02/26 13:42*	*20*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/01/26 13:26*	*07/02/26 13:42*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/01/26 13:26*	*07/02/26 13:42*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/01/26 13:26*	*07/02/26 13:42*	*20*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.29	0.056	mg/Kg	☼	07/02/26 08:41	07/06/26 12:59	1
PCB-1221	ND		0.29	0.056	mg/Kg	☼	07/02/26 08:41	07/06/26 12:59	1
PCB-1232	ND		0.29	0.056	mg/Kg	☼	07/02/26 08:41	07/06/26 12:59	1
PCB-1242	ND		0.29	0.056	mg/Kg	☼	07/02/26 08:41	07/06/26 12:59	1
PCB-1248	ND		0.29	0.056	mg/Kg	☼	07/02/26 08:41	07/06/26 12:59	1
PCB-1254	ND		0.29	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 12:59	1
PCB-1260	ND		0.29	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*60 - 154*	*07/02/26 08:41*	*07/06/26 12:59*	*1*
Tetrachloro-m-xylene	*88*		*60 - 154*	*07/02/26 08:41*	*07/06/26 12:59*	*1*
DCB Decachlorobiphenyl	*83*		*65 - 174*	*07/02/26 08:41*	*07/06/26 12:59*	*1*
DCB Decachlorobiphenyl	*72*		*65 - 174*	*07/02/26 08:41*	*07/06/26 12:59*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.10**	**J**	0.39	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluoropentanoic acid (PFPeA)	**0.17**	**J**	0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorohexanoic acid (PFHxA)	**0.097**	**J**	0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.24**		0.19	0.058	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorooctanesulfonic acid (PFOS)	**0.53**		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/06/26 07:31	07/12/26 12:28	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77.5*		*8 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C5 PFPeA	*88.4*		*35 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C5 PFHxA	*83.9*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C4 PFHpA	*90.8*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C8 PFOA	*77.3*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C9 PFNA	*82.8*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C6 PFDA	*77.4*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C7 PFUnA	*75.1*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C2 PFTeDA	*70.0*		*20 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C3 PFBS	*73.0*		*40 - 135*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C3 PFHxS	*73.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C8 PFOS	*69.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C8 FOSA	*69.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
d3-NMeFOSAA	*75.2*		*40 - 135*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
d5-NEtFOSAA	*70.2*		*40 - 150*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C2 4:2 FTS	*64.8*		*40 - 165*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C2 6:2 FTS	*79.8*		*40 - 215*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C2 8:2 FTS	*68.7*		*40 - 275*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C3 HFPO-DA	*77.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
d7-N-MeFOSE-M	*52.8*		*20 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
d9-N-EtFOSE-M	*47.1*		*15 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
d5-NEtPFOSA	*55.2*		*10 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
d3-NMePFOSA	*62.6*		*10 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C2 PFDoA	*68.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C3-PFDoS	*55.4*		*20 - 150*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C3-3:3 FTCA	*84.7*		*20 - 150*	*07/06/26 07:31*	*07/12/26 12:28*	*1*
13C3-5:3 FTCA	*86.2*		*20 - 150*	*07/06/26 07:31*	*07/12/26 12:28*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13900**		11.3	9.7	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Antimony	ND		16.9	0.60	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Arsenic	**4.2**		2.3	0.99	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Barium	**93.3**		0.56	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Beryllium	**0.61**		0.23	0.045	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Cadmium	**0.27**		0.23	0.079	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Calcium	**140000**		282	152	mg/Kg	☼	07/01/26 16:08	07/06/26 13:15	5
Chromium	**17.1**		0.56	0.41	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Cobalt	**7.9**		0.56	0.11	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Copper	**15.8**		1.1	0.64	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Iron	**15900**		11.3	9.6	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Lead	**46.1**		1.1	0.52	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Magnesium	**15800**		22.6	9.6	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**330**		1.1	0.32	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Nickel	**16.1**		5.6	0.28	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Potassium	**4120**		33.9	27.4	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Selenium	ND		4.5	0.90	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Silver	ND	^5+	0.68	0.23	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Sodium	**285**		158	69.2	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Thallium	ND		6.8	0.86	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Vanadium	**24.5**		0.56	0.15	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1
Zinc	**124**		2.3	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 18:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.084**		0.023	0.0052	mg/Kg	☼	07/07/26 11:43	07/07/26 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.53	mg/Kg	☼	07/02/26 14:15	07/02/26 18:21	1

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.1

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,1,2,2-Tetrachloroethane	ND	F1 vs	5.9	0.96	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,1,2-Trichloroethane	ND	F1 vs	5.9	0.77	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,2,4-Trichlorobenzene	ND	F1 vs	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,2-Dibromo-3-Chloropropane	ND	F1 vs	5.9	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,2-Dichlorobenzene	ND	F1 vs	5.9	0.46	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,2-Dichloroethane	ND	vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,2-Dichloropropane	ND	vs	5.9	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,3-Dichlorobenzene	ND	F1 vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,4-Dichlorobenzene	ND	F1 vs	5.9	0.83	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
2-Butanone (MEK)	ND	F1 vs	30	2.2	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
2-Hexanone	ND	F1 vs	30	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	30	1.9	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Acetone	ND	vs	30	5.0	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Bromoform	ND	F1 vs	5.9	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Bromomethane	ND	vs	5.9	0.53	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Carbon disulfide	ND	vs	5.9	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Chlorobenzene	ND	F1 vs	5.9	0.78	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Dibromochloromethane	ND	F1 vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Chloroform	**0.93**	**J B vs**	5.9	0.37	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.1

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND	*+ vs	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Cyclohexane	ND	vs	5.9	0.83	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Bromodichloromethane	ND	vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Dichlorodifluoromethane	ND	vs	5.9	0.49	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Ethylbenzene	ND	F1 vs	5.9	0.41	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
1,2-Dibromoethane	ND	F1 vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Isopropylbenzene	ND	F1 vs	5.9	0.89	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Methylcyclohexane	ND	vs	5.9	0.90	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Tetrachloroethene	ND	F1 vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Toluene	ND	F1 vs	5.9	0.45	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.61	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
trans-1,3-Dichloropropene	ND	F1 vs	5.9	2.6	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Trichlorofluoromethane	ND	vs	5.9	0.56	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Xylenes, Total	ND	F1 vs	12	0.99	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.85	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1
Styrene	ND	F1 vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 02:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:25*	*07/03/26 02:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*07/02/26 18:25*	*07/03/26 02:33*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 126*	*07/02/26 18:25*	*07/03/26 02:33*	*1*
Toluene-d8 (Surr)	*87*		*71 - 125*	*07/02/26 18:25*	*07/03/26 02:33*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*07/02/26 18:25*	*07/03/26 02:33*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2,4,5-Trichlorophenol	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2,4,6-Trichlorophenol	ND		200	30	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2,4-Dichlorophenol	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2,4-Dimethylphenol	ND		200	41	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2,6-Dinitrotoluene	ND		200	28	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2-Chloronaphthalene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
1,4-Dioxane	ND		120	43	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2-Chlorophenol	ND		200	31	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2-Methylphenol	ND		200	32	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
2-Nitrophenol	ND		200	22	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		380	57	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
3-Nitroaniline	ND		380	28	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
4-Bromophenyl phenyl ether	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
4-Chloro-3-methylphenol	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
4-Chloroaniline	ND		200	28	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
4-Chlorophenyl phenyl ether	ND		200	41	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
4-Methylphenol	ND		380	35	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
4-Nitroaniline	ND		380	29	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
4-Nitrophenol	ND		380	54	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Acenaphthene	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Acenaphthylene	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Acetophenone	ND		200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Anthracene	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Atrazine	ND		200	66	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Benzo[a]anthracene	**72**	**J**	200	27	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Benzo[a]pyrene	**100**	**J**	200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Benzo[b]fluoranthene	**150**	**J**	200	26	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Benzo[g,h,i]perylene	**100**	**J**	200	34	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Benzo[k]fluoranthene	**57**	**J**	200	44	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Bis(2-chloroethoxy)methane	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Bis(2-chloroethyl)ether	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Bis(2-ethylhexyl) phthalate	**62**	**J**	200	43	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Butyl benzyl phthalate	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Caprolactam	ND		200	45	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Carbazole	ND		200	39	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Chrysene	**91**	**J**	200	47	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Dibenz(a,h)anthracene	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Di-n-butyl phthalate	ND		200	44	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Di-n-octyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Dibenzofuran	ND		200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Diethyl phthalate	ND		200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Dimethyl phthalate	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Fluoranthene	**150**	**J**	200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Fluorene	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Hexachlorobenzene	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Hexachlorocyclopentadiene	ND		380	86	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Hexachloroethane	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Indeno[1,2,3-cd]pyrene	**80**	**J**	200	29	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Isophorone	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
N-Nitrosodi-n-propylamine	ND		200	44	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
N-Nitrosodiphenylamine	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Naphthalene	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Nitrobenzene	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Pentachlorophenol	ND		380	63	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Phenanthrene	**61**	**J**	200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1
Phenol	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	110	J	200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 01:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*220*	*T J*	*ug/Kg*	☼	*2.74*	*N/A*	*07/02/26 06:27*	*07/07/26 01:36*	*1*
Unknown	*170*	*T J*	*ug/Kg*	☼	*3.26*	*N/A*	*07/02/26 06:27*	*07/07/26 01:36*	*1*
Unknown	*5900*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 06:27*	*07/07/26 01:36*	*1*
Unknown	*170*	*T J*	*ug/Kg*	☼	*11.14*	*N/A*	*07/02/26 06:27*	*07/07/26 01:36*	*1*
Hexadecane, 1-chloro-	*210*	*T J N*	*ug/Kg*	☼	*13.26*	*4860-03-1*	*07/02/26 06:27*	*07/07/26 01:36*	*1*
Nonadecane	*230*	*T J N*	*ug/Kg*	☼	*13.79*	*629-92-5*	*07/02/26 06:27*	*07/07/26 01:36*	*1*
Triacontane	*160*	*T J N*	*ug/Kg*	☼	*14.29*	*638-68-6*	*07/02/26 06:27*	*07/07/26 01:36*	*1*
Cyclodocosane, ethyl-	*230*	*T J N*	*ug/Kg*	☼	*14.32*	*1000151-22-6*	*07/02/26 06:27*	*07/07/26 01:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*91*		*22 - 120*	*07/02/26 06:27*	*07/07/26 01:36*	*1*
Phenol-d5 (Surr)	*89*		*23 - 120*	*07/02/26 06:27*	*07/07/26 01:36*	*1*
p-Terphenyl-d14 (Surr)	*95*		*28 - 124*	*07/02/26 06:27*	*07/07/26 01:36*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 140*	*07/02/26 06:27*	*07/07/26 01:36*	*1*
2-Fluorobiphenyl (Surr)	*89*		*29 - 120*	*07/02/26 06:27*	*07/07/26 01:36*	*1*
2-Fluorophenol (Surr)	*87*		*18 - 120*	*07/02/26 06:27*	*07/07/26 01:36*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.9	0.76	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
4,4'-DDE	ND		3.9	0.83	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
4,4'-DDT	ND		3.9	0.92	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
beta-BHC	ND		3.9	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
cis-Chlordane	ND		3.9	2.0	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
alpha-BHC	ND	F2	3.9	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
Aldrin	ND		3.9	0.97	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
delta-BHC	ND		3.9	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
Dieldrin	ND	F2	3.9	0.94	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
Endosulfan I	ND	F2	3.9	0.76	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
Endosulfan II	ND		3.9	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
Endosulfan sulfate	ND		3.9	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
Endrin	ND		3.9	0.78	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
Endrin aldehyde	ND		3.9	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
Endrin ketone	1.2	J	3.9	0.97	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
gamma-BHC (Lindane)	ND	F1 F2	3.9	0.72	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
trans-Chlordane	ND		3.9	1.3	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
Heptachlor	ND		3.9	0.85	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
Heptachlor epoxide	ND	F2	3.9	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
Methoxychlor	ND	F2	3.9	0.80	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1
Toxaphene	ND		39	23	ug/Kg	☼	07/01/26 13:26	07/02/26 10:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*45 - 120*	*07/01/26 13:26*	*07/02/26 10:45*	*1*
DCB Decachlorobiphenyl	*86*		*45 - 120*	*07/01/26 13:26*	*07/02/26 10:45*	*1*
Tetrachloro-m-xylene	*84*		*30 - 124*	*07/01/26 13:26*	*07/02/26 10:45*	*1*
Tetrachloro-m-xylene	*75*		*30 - 124*	*07/01/26 13:26*	*07/02/26 10:45*	*1*

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 11:27	1
PCB-1221	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 11:27	1
PCB-1232	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 11:27	1
PCB-1242	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 11:27	1
PCB-1248	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 11:27	1
PCB-1254	ND		0.30	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 11:27	1
PCB-1260	ND		0.30	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*105*		*60 - 154*	*07/02/26 08:41*	*07/06/26 11:27*	*1*
Tetrachloro-m-xylene	*93*		*60 - 154*	*07/02/26 08:41*	*07/06/26 11:27*	*1*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*07/02/26 08:41*	*07/06/26 11:27*	*1*
DCB Decachlorobiphenyl	*81*		*65 - 174*	*07/02/26 08:41*	*07/06/26 11:27*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorooctanoic acid (PFOA)	**0.077**	**J**	0.20	0.059	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 12:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.4*		*8 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C5 PFPeA	*96.6*		*35 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C5 PFHxA	*85.3*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C4 PFHpA	*94.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C8 PFOA	*81.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C9 PFNA	*80.1*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C6 PFDA	*72.4*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C7 PFUnA	*65.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C2 PFTeDA	*53.8*		*20 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C3 PFBS	*81.1*		*40 - 135*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C3 PFHxS	*77.1*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C8 PFOS	*64.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C8 FOSA	*58.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
d3-NMeFOSAA	*57.9*		*40 - 135*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
d5-NEtFOSAA	*53.0*		*40 - 150*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C2 4:2 FTS	*78.6*		*40 - 165*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C2 6:2 FTS	*70.8*		*40 - 215*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C2 8:2 FTS	*57.6*		*40 - 275*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C3 HFPO-DA	*84.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
d7-N-MeFOSE-M	*29.3*		*20 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
d9-N-EtFOSE-M	*28.9*		*15 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
d5-NEtPFOSA	*42.0*		*10 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
d3-NMePFOSA	*50.8*		*10 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*
13C2 PFDoA	*59.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 12:42*	*1*

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5

Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3-PFDoS	43.3		20 - 150	07/06/26 07:31	07/12/26 12:42	1
13C3-3:3 FTCA	86.3		20 - 150	07/06/26 07:31	07/12/26 12:42	1
13C3-5:3 FTCA	79.2		20 - 150	07/06/26 07:31	07/12/26 12:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16700**	**F2**	12.1	10.4	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Antimony	ND	F1	18.1	0.64	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Arsenic	**2.8**		2.4	1.1	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Barium	**106**		0.60	0.17	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Beryllium	**0.66**		0.24	0.048	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Cadmium	**0.25**		0.24	0.084	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Calcium	**75600**		60.3	32.6	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Chromium	**20.0**		0.60	0.43	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Cobalt	**7.5**		0.60	0.12	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Copper	**15.3**		1.2	0.69	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Iron	**18500**		12.1	10.2	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Lead	**23.3**	**F2 F1**	1.2	0.55	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Magnesium	**29200**		24.1	10.2	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Manganese	**415**	**F1**	1.2	0.34	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Nickel	**15.4**		6.0	0.30	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Potassium	**5380**	**F1**	36.2	29.2	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Selenium	ND		4.8	0.96	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Silver	ND	^5+	0.72	0.24	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Sodium	**347**		169	73.9	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Thallium	ND		7.2	0.92	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Vanadium	**30.4**		0.60	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1
Zinc	**79.1**	**F2 F1**	2.4	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 18:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.028**		0.023	0.0052	mg/Kg	☼	07/07/26 11:43	07/07/26 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	F1	1.1	0.54	mg/Kg	☼	07/02/26 14:15	07/02/26 18:13	1

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6

Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 69.8

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	7.2	0.52	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
1,1,2,2-Tetrachloroethane	ND	vs	7.2	1.2	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	7.2	1.6	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
1,1,2-Trichloroethane	ND	vs	7.2	0.93	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
1,1-Dichloroethane	ND	vs	7.2	0.87	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
1,1-Dichloroethene	ND	vs	7.2	0.88	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
1,2,4-Trichlorobenzene	ND	vs	7.2	0.44	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
1,2-Dibromo-3-Chloropropane	ND	vs	7.2	3.6	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 69.8

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	vs	7.2	0.56	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
1,2-Dichloroethane	ND	vs	7.2	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
1,2-Dichloropropane	ND	vs	7.2	3.6	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
1,3-Dichlorobenzene	ND	vs	7.2	0.37	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
1,4-Dichlorobenzene	ND	vs	7.2	1.0	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
2-Butanone (MEK)	ND	vs	36	2.6	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
2-Hexanone	ND	vs	36	3.6	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
4-Methyl-2-pentanone (MIBK)	ND	vs	36	2.4	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Acetone	ND	vs	36	6.0	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Benzene	ND	vs	7.2	0.35	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Bromoform	ND	vs	7.2	3.6	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Bromomethane	ND	vs	7.2	0.64	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Carbon disulfide	ND	vs	7.2	3.6	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Carbon tetrachloride	ND	vs	7.2	0.69	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Chlorobenzene	ND	vs	7.2	0.95	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Dibromochloromethane	ND	vs	7.2	0.92	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Chloroethane	ND	vs	7.2	1.6	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Chloroform	**1.1**	**J B vs**	7.2	0.44	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Chloromethane	ND	*+ vs	7.2	0.43	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
cis-1,2-Dichloroethene	ND	vs	7.2	0.92	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Cyclohexane	ND	vs	7.2	1.0	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Bromodichloromethane	ND	vs	7.2	0.96	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Dichlorodifluoromethane	ND	vs	7.2	0.59	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Ethylbenzene	ND	vs	7.2	0.49	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
1,2-Dibromoethane	ND	vs	7.2	0.92	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Isopropylbenzene	ND	vs	7.2	1.1	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Methyl acetate	ND	vs	36	4.3	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Methyl tert-butyl ether	ND	vs	7.2	0.70	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Methylcyclohexane	ND	vs	7.2	1.1	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Methylene Chloride	ND	vs	7.2	3.3	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Tetrachloroethene	ND	vs	7.2	0.96	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Toluene	ND	vs	7.2	0.54	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
trans-1,2-Dichloroethene	ND	vs	7.2	0.74	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
trans-1,3-Dichloropropene	ND	vs	7.2	3.2	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Trichloroethene	ND	vs	7.2	1.6	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Trichlorofluoromethane	ND	vs	7.2	0.68	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Vinyl chloride	ND	vs	7.2	0.87	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Xylenes, Total	ND	vs	14	1.2	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
cis-1,3-Dichloropropene	ND	vs	7.2	1.0	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1
Styrene	ND	vs	7.2	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 02:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:25*	*07/03/26 02:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*07/02/26 18:25*	*07/03/26 02:57*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*07/02/26 18:25*	*07/03/26 02:57*	*1*
Toluene-d8 (Surr)	*88*		*71 - 125*	*07/02/26 18:25*	*07/03/26 02:57*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*07/02/26 18:25*	*07/03/26 02:57*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 69.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**720**	**J**	2400	450	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
bis (2-chloroisopropyl) ether	ND		2400	490	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2,4,5-Trichlorophenol	ND		2400	490	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2,4,6-Trichlorophenol	ND		2400	370	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2,4-Dichlorophenol	ND		2400	470	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2,4-Dimethylphenol	ND		2400	510	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2,4-Dinitrophenol	ND		24000	460	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2,4-Dinitrotoluene	ND		2400	330	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2,6-Dinitrotoluene	ND		2400	350	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2-Chloronaphthalene	ND		2400	450	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
1,4-Dioxane	ND		1400	530	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2-Chlorophenol	ND		2400	380	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2-Methylphenol	ND		2400	390	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2-Methylnaphthalene	**2000**	**J**	2400	380	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2-Nitroaniline	ND		4700	410	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
2-Nitrophenol	ND		2400	270	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
3,3'-Dichlorobenzidine	ND		4700	710	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
3-Nitroaniline	ND		4700	340	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
4,6-Dinitro-2-methylphenol	ND		4700	530	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
4-Bromophenyl phenyl ether	ND		2400	410	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
4-Chloro-3-methylphenol	ND		2400	500	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
4-Chloroaniline	ND		2400	350	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
4-Chlorophenyl phenyl ether	ND		2400	510	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
4-Methylphenol	**500**	**J**	4700	430	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
4-Nitroaniline	ND		4700	350	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
4-Nitrophenol	ND		4700	660	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Acenaphthene	**2500**		2400	450	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Acenaphthylene	**9100**		2400	460	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Acetophenone	ND		2400	430	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Anthracene	**10000**		2400	450	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Atrazine	ND		2400	820	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Benzaldehyde	ND		2400	1800	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Benzo[a]anthracene	**53000**		2400	330	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Benzo[a]pyrene	**47000**		2400	410	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Benzo[b]fluoranthene	**64000**		2400	320	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Benzo[g,h,i]perylene	**26000**		2400	420	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Benzo[k]fluoranthene	**28000**		2400	540	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Bis(2-chloroethoxy)methane	ND		2400	460	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Bis(2-chloroethyl)ether	ND		2400	460	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Bis(2-ethylhexyl) phthalate	ND		2400	530	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Butyl benzyl phthalate	ND		2400	450	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Caprolactam	ND		2400	560	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Carbazole	**11000**		2400	470	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Chrysene	**64000**		2400	580	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Dibenz(a,h)anthracene	**9200**		2400	490	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Di-n-butyl phthalate	ND		2400	540	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Di-n-octyl phthalate	ND		2400	460	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Dibenzofuran	**6500**		2400	430	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Diethyl phthalate	ND		2400	430	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 69.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		2400	470	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Fluoranthene	**170000**	**E**	2400	440	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Fluorene	**8900**		2400	440	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Hexachlorobenzene	ND		2400	470	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Hexachlorobutadiene	ND		2400	360	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Hexachlorocyclopentadiene	ND		4700	1100	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Hexachloroethane	ND		2400	440	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Indeno[1,2,3-cd]pyrene	**28000**		2400	360	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Isophorone	ND		2400	500	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
N-Nitrosodi-n-propylamine	ND		2400	540	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
N-Nitrosodiphenylamine	ND		2400	400	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Naphthalene	**3800**		2400	400	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Nitrobenzene	ND		2400	410	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Pentachlorophenol	ND		4700	770	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Phenanthrene	**120000**	**E**	2400	450	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Phenol	ND		2400	440	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10
Pyrene	**110000**	**E**	2400	460	ug/Kg	☼	07/02/26 06:27	07/07/26 14:15	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*7500*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
9H-Fluoren-9-one	*6300*	*T J N*	*ug/Kg*	☼	*10.77*	*486-25-9*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Dibenzothiophene	*7000*	*T J N*	*ug/Kg*	☼	*10.86*	*132-65-0*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Anthracene, 2-methyl-	*14000*	*T J N*	*ug/Kg*	☼	*11.46*	*613-12-7*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Anthracene, 1-methyl-	*22000*	*T J N*	*ug/Kg*	☼	*11.49*	*610-48-0*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Unknown	*21000*	*T J*	*ug/Kg*	☼	*11.56*	*N/A*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Phenanthrene, 2-methyl-	*11000*	*T J N*	*ug/Kg*	☼	*11.59*	*2531-84-2*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
9,10-Anthracenedione	*32000*	*T J N*	*ug/Kg*	☼	*11.76*	*84-65-1*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Phenanthrene, 2,5-dimethyl-	*7800*	*T J N*	*ug/Kg*	☼	*11.98*	*3674-66-6*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Cyclopenta(def)phenanthrenone	*14000*	*T J N*	*ug/Kg*	☼	*12.05*	*5737-13-3*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Unknown	*6600*	*T J*	*ug/Kg*	☼	*14.11*	*N/A*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Benzo[j]fluoranthene	*7700*	*T J N*	*ug/Kg*	☼	*14.31*	*205-82-3*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Unknown	*6600*	*T J*	*ug/Kg*	☼	*14.39*	*N/A*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Benzo[e]pyrene	*36000*	*T J N*	*ug/Kg*	☼	*14.45*	*192-97-2*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Perylene	*16000*	*T J N*	*ug/Kg*	☼	*14.56*	*198-55-0*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Unknown	*6600*	*T J*	*ug/Kg*	☼	*15.36*	*N/A*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Unknown	*5600*	*T J*	*ug/Kg*	☼	*15.39*	*N/A*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Unknown	*5500*	*T J*	*ug/Kg*	☼	*15.58*	*N/A*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Benzo[a]naphthacene	*5000*	*T J N*	*ug/Kg*	☼	*15.62*	*226-88-0*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Dibenzo[def,mno]chrysene	*8400*	*T J N*	*ug/Kg*	☼	*15.89*	*191-26-4*	*07/02/26 06:27*	*07/07/26 14:15*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*96*		*22 - 120*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
Phenol-d5 (Surr)	*91*		*23 - 120*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
p-Terphenyl-d14 (Surr)	*89*		*28 - 124*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 140*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
2-Fluorobiphenyl (Surr)	*87*		*29 - 120*	*07/02/26 06:27*	*07/07/26 14:15*	*10*
2-Fluorophenol (Surr)	*89*		*18 - 120*	*07/02/26 06:27*	*07/07/26 14:15*	*10*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 69.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		12000	2300	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
bis (2-chloroisopropyl) ether	ND		12000	2500	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2,4,5-Trichlorophenol	ND		12000	2400	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2,4,6-Trichlorophenol	ND		12000	1800	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2,4-Dichlorophenol	ND		12000	2400	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2,4-Dimethylphenol	ND		12000	2500	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2,4-Dinitrophenol	ND		120000	2300	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2,4-Dinitrotoluene	ND		12000	1600	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2,6-Dinitrotoluene	ND		12000	1700	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2-Chloronaphthalene	ND		12000	2200	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
1,4-Dioxane	ND		7100	2700	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2-Chlorophenol	ND		12000	1900	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2-Methylphenol	ND		12000	2000	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2-Methylnaphthalene	ND		12000	1900	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2-Nitroaniline	ND		24000	2000	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
2-Nitrophenol	ND		12000	1400	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
3,3'-Dichlorobenzidine	ND		24000	3500	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
3-Nitroaniline	ND		24000	1700	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
4,6-Dinitro-2-methylphenol	ND		24000	2600	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
4-Bromophenyl phenyl ether	ND		12000	2000	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
4-Chloro-3-methylphenol	ND		12000	2500	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
4-Chloroaniline	ND		12000	1700	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
4-Chlorophenyl phenyl ether	ND		12000	2500	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
4-Methylphenol	ND		24000	2200	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
4-Nitroaniline	ND		24000	1800	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
4-Nitrophenol	ND		24000	3300	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Acenaphthene	**2700**	**J**	12000	2200	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Acenaphthylene	**13000**		12000	2300	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Acetophenone	ND		12000	2100	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Anthracene	**11000**	**J**	12000	2200	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Atrazine	ND		12000	4100	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Benzaldehyde	ND		12000	9200	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Benzo[a]anthracene	**49000**		12000	1700	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Benzo[a]pyrene	**45000**		12000	2100	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Benzo[b]fluoranthene	**66000**		12000	1600	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Benzo[g,h,i]perylene	**19000**		12000	2100	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Benzo[k]fluoranthene	**29000**		12000	2700	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Bis(2-chloroethoxy)methane	ND		12000	2300	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Bis(2-chloroethyl)ether	ND		12000	2300	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Bis(2-ethylhexyl) phthalate	ND		12000	2600	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Butyl benzyl phthalate	ND		12000	2200	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Caprolactam	ND		12000	2800	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Carbazole	**11000**	**J**	12000	2400	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Chrysene	**59000**		12000	2900	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Dibenz(a,h)anthracene	**6900**	**J**	12000	2400	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Di-n-butyl phthalate	ND		12000	2700	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Di-n-octyl phthalate	ND		12000	2300	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Dibenzofuran	**6100**	**J**	12000	2100	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Diethyl phthalate	ND		12000	2200	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 69.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		12000	2300	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Fluoranthene	**200000**		12000	2200	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Fluorene	**8600**	**J**	12000	2200	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Hexachlorobenzene	ND		12000	2300	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Hexachlorobutadiene	ND		12000	1800	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Hexachlorocyclopentadiene	ND		24000	5300	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Hexachloroethane	ND		12000	2200	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Indeno[1,2,3-cd]pyrene	**21000**		12000	1800	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Isophorone	ND		12000	2500	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
N-Nitrosodi-n-propylamine	ND		12000	2700	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
N-Nitrosodiphenylamine	ND		12000	2000	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Naphthalene	**3600**	**J**	12000	2000	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Nitrobenzene	ND		12000	2000	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Pentachlorophenol	ND		24000	3800	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Phenanthrene	**110000**		12000	2300	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Phenol	ND		12000	2200	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50
Pyrene	**100000**		12000	2300	ug/Kg	☼	07/02/26 06:27	07/09/26 09:59	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Anthracene, 2-methyl-	*15000*	*T J N*	*ug/Kg*	☼	*11.47*	*613-12-7*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
Phenanthrene, 2-methyl-	*20000*	*T J N*	*ug/Kg*	☼	*11.49*	*2531-84-2*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
4H-Cyclopenta[def]phenanthrene	*21000*	*T J N*	*ug/Kg*	☼	*11.56*	*203-64-5*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
Phenanthrene, 1-methyl-	*11000*	*T J N*	*ug/Kg*	☼	*11.59*	*832-69-9*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
9,10-Anthracenedione	*34000*	*T J N*	*ug/Kg*	☼	*11.76*	*84-65-1*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
Cyclopenta(def)phenanthrenone	*14000*	*T J N*	*ug/Kg*	☼	*12.05*	*5737-13-3*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
Cyclopenta[cd]pyrene	*10000*	*T J N*	*ug/Kg*	☼	*13.19*	*27208-37-3*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
7H-Benz[de]anthracen-7-one	*9500*	*T J N*	*ug/Kg*	☼	*13.23*	*82-05-3*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
Benzo[e]pyrene	*32000*	*T J N*	*ug/Kg*	☼	*14.45*	*192-97-2*	*07/02/26 06:27*	*07/09/26 09:59*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*146*	*S1+*	*22 - 120*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
Phenol-d5 (Surr)	*108*		*23 - 120*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
p-Terphenyl-d14 (Surr)	*77*		*28 - 124*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
2,4,6-Tribromophenol (Surr)	*172*	*S1+*	*10 - 140*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
2-Fluorobiphenyl (Surr)	*82*		*29 - 120*	*07/02/26 06:27*	*07/09/26 09:59*	*50*
2-Fluorophenol (Surr)	*113*		*18 - 120*	*07/02/26 06:27*	*07/09/26 09:59*	*50*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		95	19	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
4,4'-DDE	ND		95	20	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
4,4'-DDT	**62**	**J**	95	22	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
beta-BHC	ND		95	17	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
cis-Chlordane	ND		95	47	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
alpha-BHC	ND		95	17	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
Aldrin	ND		95	23	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
delta-BHC	ND		95	18	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
Dieldrin	ND		95	23	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
Endosulfan I	ND		95	18	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
Endosulfan II	ND		95	17	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 69.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	ND		95	18	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
Endrin	ND		95	19	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
Endrin aldehyde	ND		95	24	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
Endrin ketone	ND		95	23	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
gamma-BHC (Lindane)	**20**	**J**	95	17	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
trans-Chlordane	ND		95	30	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
Heptachlor	ND		95	21	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
Heptachlor epoxide	ND		95	25	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
Methoxychlor	**45**	**J**	95	19	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20
Toxaphene	ND		950	550	ug/Kg	☼	07/01/26 13:26	07/02/26 14:01	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*273*	*S1+*	*45 - 120*	*07/01/26 13:26*	*07/02/26 14:01*	*20*
DCB Decachlorobiphenyl	*585*	*S1+*	*45 - 120*	*07/01/26 13:26*	*07/02/26 14:01*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/01/26 13:26*	*07/02/26 14:01*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/01/26 13:26*	*07/02/26 14:01*	*20*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.34	0.067	mg/Kg	☼	07/02/26 08:41	07/06/26 13:17	1
PCB-1221	ND		0.34	0.067	mg/Kg	☼	07/02/26 08:41	07/06/26 13:17	1
PCB-1232	ND		0.34	0.067	mg/Kg	☼	07/02/26 08:41	07/06/26 13:17	1
PCB-1242	ND		0.34	0.067	mg/Kg	☼	07/02/26 08:41	07/06/26 13:17	1
PCB-1248	ND		0.34	0.067	mg/Kg	☼	07/02/26 08:41	07/06/26 13:17	1
PCB-1254	ND		0.34	0.16	mg/Kg	☼	07/02/26 08:41	07/06/26 13:17	1
PCB-1260	ND		0.34	0.16	mg/Kg	☼	07/02/26 08:41	07/06/26 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*60 - 154*	*07/02/26 08:41*	*07/06/26 13:17*	*1*
Tetrachloro-m-xylene	*83*		*60 - 154*	*07/02/26 08:41*	*07/06/26 13:17*	*1*
DCB Decachlorobiphenyl	*77*		*65 - 174*	*07/02/26 08:41*	*07/06/26 13:17*	*1*
DCB Decachlorobiphenyl	*67*		*65 - 174*	*07/02/26 08:41*	*07/06/26 13:17*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.13**	**J**	0.40	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluoropentanoic acid (PFPeA)	**0.14**	**J**	0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorooctanoic acid (PFOA)	**0.21**		0.20	0.060	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorononanoic acid (PFNA)	**0.18**	**J**	0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorodecanoic acid (PFDA)	**0.19**	**J**	0.20	0.060	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluoroundecanoic acid (PFUnA)	**0.15**	**J**	0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 69.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorooctanesulfonic acid (PFOS)	**0.43**		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluorooctanesulfonamide (PFOSA)	**0.15**	**J**	0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	**0.11**	**J**	0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	**0.80**	**J**	1.0	0.50	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	**1.4**		1.0	0.50	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/06/26 07:31	07/12/26 13:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*73.9*		*8 - 130*	*07/06/26 07:31*	*07/12/26 13:23*	*1*
13C5 PFPeA	*82.9*		*35 - 130*	*07/06/26 07:31*	*07/12/26 13:23*	*1*
13C5 PFHxA	*78.6*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:23*	*1*
13C4 PFHpA	*81.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:23*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 69.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOA	75.9		40 - 130	07/06/26 07:31	07/12/26 13:23	1
13C9 PFNA	80.5		40 - 130	07/06/26 07:31	07/12/26 13:23	1
13C6 PFDA	67.9		40 - 130	07/06/26 07:31	07/12/26 13:23	1
13C7 PFUnA	67.6		40 - 130	07/06/26 07:31	07/12/26 13:23	1
13C2 PFTeDA	61.1		20 - 130	07/06/26 07:31	07/12/26 13:23	1
13C3 PFBS	72.3		40 - 135	07/06/26 07:31	07/12/26 13:23	1
13C3 PFHxS	69.3		40 - 130	07/06/26 07:31	07/12/26 13:23	1
13C8 PFOS	67.1		40 - 130	07/06/26 07:31	07/12/26 13:23	1
13C8 FOSA	58.5		40 - 130	07/06/26 07:31	07/12/26 13:23	1
d3-NMeFOSAA	65.8		40 - 135	07/06/26 07:31	07/12/26 13:23	1
d5-NEtFOSAA	67.5		40 - 150	07/06/26 07:31	07/12/26 13:23	1
13C2 4:2 FTS	79.8		40 - 165	07/06/26 07:31	07/12/26 13:23	1
13C2 6:2 FTS	85.7		40 - 215	07/06/26 07:31	07/12/26 13:23	1
13C2 8:2 FTS	66.9		40 - 275	07/06/26 07:31	07/12/26 13:23	1
13C3 HFPO-DA	74.2		40 - 130	07/06/26 07:31	07/12/26 13:23	1
d7-N-MeFOSE-M	37.8		20 - 130	07/06/26 07:31	07/12/26 13:23	1
d9-N-EtFOSE-M	36.9		15 - 130	07/06/26 07:31	07/12/26 13:23	1
d5-NEtPFOSA	48.4		10 - 130	07/06/26 07:31	07/12/26 13:23	1
d3-NMePFOSA	55.2		10 - 130	07/06/26 07:31	07/12/26 13:23	1
13C2 PFDoA	64.2		40 - 130	07/06/26 07:31	07/12/26 13:23	1
13C3-PFDoS	51.2		20 - 150	07/06/26 07:31	07/12/26 13:23	1
13C3-3:3 FTCA	81.5		20 - 150	07/06/26 07:31	07/12/26 13:23	1
13C3-5:3 FTCA	75.0		20 - 150	07/06/26 07:31	07/12/26 13:23	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13300**		15.0	13.0	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Antimony	ND		22.5	0.80	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Arsenic	**11.6**		3.0	1.3	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Barium	**433**		0.75	0.21	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Beryllium	**0.71**		0.30	0.060	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Cadmium	**0.93**		0.30	0.11	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Calcium	**48200**		75.1	40.6	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Chromium	**24.2**		0.75	0.54	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Cobalt	**8.8**		0.75	0.15	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Copper	**99.7**		1.5	0.86	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Iron	**21900**		15.0	12.7	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Lead	**1110**		1.5	0.69	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Magnesium	**9170**		30.1	12.7	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Manganese	**524**		1.5	0.42	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Nickel	**19.4**		7.5	0.38	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Potassium	**2710**		45.1	36.4	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Selenium	ND		6.0	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Silver	ND	^5+	0.90	0.30	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Sodium	**216**		210	92.1	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Thallium	ND		9.0	1.1	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Vanadium	**29.6**		0.75	0.20	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1
Zinc	**325**		3.0	1.5	mg/Kg	☼	07/01/26 16:08	07/02/26 19:06	1

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 69.8

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.1**		0.029	0.0066	mg/Kg	☼	07/07/26 11:43	07/07/26 15:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.75**	**J**	1.4	0.67	mg/Kg	☼	07/02/26 14:15	07/02/26 18:24	1

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,1,2,2-Tetrachloroethane	ND	F1 vs	5.9	0.96	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,1,2-Trichloroethane	ND	F1 vs	5.9	0.77	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,2,4-Trichlorobenzene	ND	F1 vs	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,2-Dibromo-3-Chloropropane	ND	F1 vs	5.9	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,2-Dichlorobenzene	ND	F1 vs	5.9	0.46	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,2-Dichloroethane	ND	vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,2-Dichloropropane	ND	vs	5.9	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,3-Dichlorobenzene	ND	F1 vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,4-Dichlorobenzene	ND	F1 vs	5.9	0.83	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
2-Butanone (MEK)	ND	F1 vs	30	2.2	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
2-Hexanone	ND	F1 vs	30	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	30	1.9	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Acetone	ND	vs	30	5.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Bromoform	ND	F1 vs	5.9	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Bromomethane	ND	vs	5.9	0.53	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Carbon disulfide	ND	vs	5.9	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Chlorobenzene	ND	F1 vs	5.9	0.78	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Dibromochloromethane	ND	F1 vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Chloroform	**0.82**	**J B vs**	5.9	0.37	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Chloromethane	ND	*+ vs	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Cyclohexane	ND	vs	5.9	0.83	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Bromodichloromethane	ND	vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Dichlorodifluoromethane	ND	vs	5.9	0.49	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Ethylbenzene	ND	F1 vs	5.9	0.41	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
1,2-Dibromoethane	ND	F1 vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Isopropylbenzene	ND	F1 vs	5.9	0.89	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Methylcyclohexane	ND	F1 vs	5.9	0.90	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND	F1 vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Toluene	ND	F1 vs	5.9	0.45	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
trans-1,2-Dichloroethene	ND	F1 vs	5.9	0.61	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
trans-1,3-Dichloropropene	ND	F1 vs	5.9	2.6	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Trichlorofluoromethane	ND	vs	5.9	0.56	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Xylenes, Total	ND	F1 vs	12	0.99	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.85	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1
Styrene	ND	F1 vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 03:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:25*	*07/03/26 03:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*07/02/26 18:25*	*07/03/26 03:20*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*07/02/26 18:25*	*07/03/26 03:20*	*1*
Toluene-d8 (Surr)	*87*		*71 - 125*	*07/02/26 18:25*	*07/03/26 03:20*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*07/02/26 18:25*	*07/03/26 03:20*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	F2	190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
bis (2-chloroisopropyl) ether	ND	F2	190	40	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2,4,5-Trichlorophenol	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2,4,6-Trichlorophenol	ND		190	29	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2,4-Dichlorophenol	ND	F2	190	38	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2,4-Dimethylphenol	ND		190	41	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2,4-Dinitrotoluene	ND		190	26	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2,6-Dinitrotoluene	ND		190	28	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2-Chloronaphthalene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
1,4-Dioxane	ND	F2	110	43	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2-Chlorophenol	ND	F2	190	30	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2-Methylphenol	ND		190	31	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2-Methylnaphthalene	ND	F2	190	30	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
2-Nitrophenol	ND	F2	190	22	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
3,3'-Dichlorobenzidine	ND		380	57	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
3-Nitroaniline	ND		380	27	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
4-Bromophenyl phenyl ether	ND		190	33	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
4-Chloro-3-methylphenol	ND		190	40	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
4-Chloroaniline	ND		190	28	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
4-Chlorophenyl phenyl ether	ND		190	41	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
4-Methylphenol	ND	F2	380	35	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
4-Nitroaniline	ND		380	28	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
4-Nitrophenol	ND		380	53	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Acenaphthene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Acenaphthylene	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND	F2	190	34	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Anthracene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Atrazine	ND		190	66	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Benzaldehyde	ND	F2	190	150	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Benzo[a]anthracene	ND	F2 F1	190	27	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Benzo[a]pyrene	ND	F2 F1	190	33	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Benzo[b]fluoranthene	ND	F2	190	26	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Benzo[g,h,i]perylene	ND		190	34	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Benzo[k]fluoranthene	ND		190	43	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Bis(2-chloroethoxy)methane	ND	F2	190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Bis(2-chloroethyl)ether	ND	F2	190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Bis(2-ethylhexyl) phthalate	**56**	**J**	190	42	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Butyl benzyl phthalate	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Caprolactam	ND		190	45	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Carbazole	ND		190	38	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Chrysene	ND	F2 F1	190	47	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Dibenz(a,h)anthracene	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Di-n-butyl phthalate	ND		190	43	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Di-n-octyl phthalate	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Dibenzofuran	ND		190	34	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Diethyl phthalate	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Dimethyl phthalate	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Fluoranthene	ND	F2 F1	190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Fluorene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Hexachlorobenzene	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Hexachlorobutadiene	ND		190	29	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Hexachlorocyclopentadiene	ND		380	85	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Hexachloroethane	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Indeno[1,2,3-cd]pyrene	ND		190	29	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Isophorone	ND	F2	190	40	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
N-Nitrosodi-n-propylamine	ND		190	43	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
N-Nitrosodiphenylamine	ND		190	32	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Naphthalene	ND	F2	190	32	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Nitrobenzene	ND	F2	190	33	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Pentachlorophenol	ND		380	62	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Phenanthrene	ND	F2 F1	190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Phenol	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1
Pyrene	ND	F1	190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 02:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6400*	*T J*	*ug/Kg*	☼	*2.00*	*N/A*	*07/02/26 06:27*	*07/07/26 02:00*	*1*
Unknown	*5100*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 06:27*	*07/07/26 02:00*	*1*
Heptadecane	*200*	*T J N*	*ug/Kg*	☼	*10.45*	*629-78-7*	*07/02/26 06:27*	*07/07/26 02:00*	*1*
Nonadecane	*150*	*T J N*	*ug/Kg*	☼	*11.33*	*629-92-5*	*07/02/26 06:27*	*07/07/26 02:00*	*1*
Docosane	*170*	*T J N*	*ug/Kg*	☼	*13.26*	*629-97-0*	*07/02/26 06:27*	*07/07/26 02:00*	*1*
Tetratetracontane	*170*	*T J N*	*ug/Kg*	☼	*13.79*	*7098-22-8*	*07/02/26 06:27*	*07/07/26 02:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*79*		*22 - 120*	*07/02/26 06:27*	*07/07/26 02:00*	*1*
Phenol-d5 (Surr)	*80*		*23 - 120*	*07/02/26 06:27*	*07/07/26 02:00*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*89*		*28 - 124*	*07/02/26 06:27*	*07/07/26 02:00*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 140*	*07/02/26 06:27*	*07/07/26 02:00*	*1*
2-Fluorobiphenyl (Surr)	*82*		*29 - 120*	*07/02/26 06:27*	*07/07/26 02:00*	*1*
2-Fluorophenol (Surr)	*77*		*18 - 120*	*07/02/26 06:27*	*07/07/26 02:00*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	F2	3.9	0.76	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
4,4'-DDE	ND	F2	3.9	0.82	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
4,4'-DDT	ND	F2	3.9	0.91	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
beta-BHC	ND	F1 F2	3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
cis-Chlordane	ND	F2	3.9	1.9	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
alpha-BHC	ND	F2	3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
Aldrin	ND	F2	3.9	0.96	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
delta-BHC	ND	F1 F2	3.9	0.72	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
Dieldrin	ND	F2	3.9	0.93	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
Endosulfan I	ND	F1 F2	3.9	0.75	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
Endosulfan II	ND	F1 F2	3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
Endosulfan sulfate	ND	F2	3.9	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
Endrin	ND	F2	3.9	0.77	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
Endrin aldehyde	ND	F1 F2	3.9	0.99	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
Endrin ketone	ND	F1 F2	3.9	0.96	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
gamma-BHC (Lindane)	ND	F1 F2	3.9	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
trans-Chlordane	ND	F2	3.9	1.2	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
Heptachlor	ND	F2	3.9	0.84	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
Heptachlor epoxide	ND	F2	3.9	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
Methoxychlor	ND	F1 F2	3.9	0.79	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1
Toxaphene	ND		39	23	ug/Kg	☼	07/01/26 13:26	07/02/26 11:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*51*		*45 - 120*	*07/01/26 13:26*	*07/02/26 11:05*	*1*
DCB Decachlorobiphenyl	*53*		*45 - 120*	*07/01/26 13:26*	*07/02/26 11:05*	*1*
Tetrachloro-m-xylene	*82*		*30 - 124*	*07/01/26 13:26*	*07/02/26 11:05*	*1*
Tetrachloro-m-xylene	*64*		*30 - 124*	*07/01/26 13:26*	*07/02/26 11:05*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.29	0.056	mg/Kg	☼	07/08/26 13:02	07/09/26 08:20	1
PCB-1221	ND		0.29	0.056	mg/Kg	☼	07/08/26 13:02	07/09/26 08:20	1
PCB-1232	ND		0.29	0.056	mg/Kg	☼	07/08/26 13:02	07/09/26 08:20	1
PCB-1242	ND		0.29	0.056	mg/Kg	☼	07/08/26 13:02	07/09/26 08:20	1
PCB-1248	ND		0.29	0.056	mg/Kg	☼	07/08/26 13:02	07/09/26 08:20	1
PCB-1254	ND		0.29	0.13	mg/Kg	☼	07/08/26 13:02	07/09/26 08:20	1
PCB-1260	ND		0.29	0.13	mg/Kg	☼	07/08/26 13:02	07/09/26 08:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*60 - 154*	*07/08/26 13:02*	*07/09/26 08:20*	*1*
Tetrachloro-m-xylene	*82*		*60 - 154*	*07/08/26 13:02*	*07/09/26 08:20*	*1*
DCB Decachlorobiphenyl	*68*		*65 - 174*	*07/08/26 13:02*	*07/09/26 08:20*	*1*
DCB Decachlorobiphenyl	*69*		*65 - 174*	*07/08/26 13:02*	*07/09/26 08:20*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorooctanoic acid (PFOA)	ND	F1	0.20	0.059	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/06/26 14:16	07/10/26 22:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*105*		*8 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C5 PFPeA	*113*		*35 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C5 PFHxA	*111*		*40 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C4 PFHpA	*116*		*40 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C8 PFOA	*77.8*		*40 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C9 PFNA	*120*		*40 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C6 PFDA	*127*		*40 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C7 PFUnA	*126*		*40 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C2 PFTeDA	*88.4*		*20 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C3 PFBS	*100*		*40 - 135*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C3 PFHxS	*105*		*40 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C8 PFOS	*113*		*40 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C8 FOSA	*103*		*40 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
d3-NMeFOSAA	*98.2*		*40 - 135*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
d5-NEtFOSAA	*137*		*40 - 150*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C2 4:2 FTS	*120*		*40 - 165*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C2 6:2 FTS	*113*		*40 - 215*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C2 8:2 FTS	*99.1*		*40 - 275*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C3 HFPO-DA	*119*		*40 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
d7-N-MeFOSE-M	*51.9*		*20 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
d9-N-EtFOSE-M	*41.5*		*15 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
d5-NEtPFOSA	*73.1*		*10 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
d3-NMePFOSA	*89.9*		*10 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C2 PFDoA	*110*		*40 - 130*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C3-PFDoS	*85.6*		*20 - 150*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C3-3:3 FTCA	*115*		*20 - 150*	*07/06/26 14:16*	*07/10/26 22:52*	*1*
13C3-5:3 FTCA	*97.9*		*20 - 150*	*07/06/26 14:16*	*07/10/26 22:52*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18200**		12.2	10.5	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Antimony	ND	F1 F2	18.2	0.64	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Arsenic	**3.0**		2.4	1.1	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Barium	**97.4**		0.61	0.17	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Beryllium	**0.73**		0.24	0.049	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Cadmium	**0.25**		0.24	0.085	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Calcium	**76800**		60.8	32.8	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Chromium	**21.2**		0.61	0.44	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Cobalt	**7.7**		0.61	0.12	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Copper	**15.4**		1.2	0.69	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1

Client Sample ID: TT-3 4-6'

Lab Sample ID: 480-240036-7
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	20300		12.2	10.3	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Lead	8.5		1.2	0.56	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Magnesium	24900		24.3	10.3	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Manganese	386	F1	1.2	0.34	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Nickel	18.1		6.1	0.30	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Potassium	5550	F1	36.5	29.5	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Selenium	ND		4.9	0.97	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Silver	ND	^5+	0.73	0.24	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Sodium	301		170	74.6	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Thallium	ND		7.3	0.92	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Vanadium	31.5		0.61	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1
Zinc	70.9		2.4	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021	J	0.023	0.0054	mg/Kg	☼	07/07/26 11:43	07/07/26 16:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	F1	1.2	0.56	mg/Kg	☼	07/02/26 14:15	07/02/26 18:25	1

Client Sample ID: TT-4 1-3'

Lab Sample ID: 480-240036-8
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.4

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.0	0.43	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,1,2,2-Tetrachloroethane	ND	vs	6.0	0.97	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.0	1.4	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,1,2-Trichloroethane	ND	vs	6.0	0.77	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,1-Dichloroethane	ND	vs	6.0	0.73	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,1-Dichloroethene	ND	vs	6.0	0.73	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,2,4-Trichlorobenzene	ND	vs	6.0	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.0	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,2-Dichlorobenzene	ND	vs	6.0	0.47	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,2-Dichloroethane	ND	vs	6.0	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,2-Dichloropropane	ND	vs	6.0	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,3-Dichlorobenzene	ND	vs	6.0	0.31	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,4-Dichlorobenzene	ND	vs	6.0	0.83	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
2-Butanone (MEK)	ND	vs	30	2.2	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	2.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Acetone	7.2	J vs	30	5.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Benzene	ND	vs	6.0	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Bromoform	ND	vs	6.0	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Bromomethane	ND	vs	6.0	0.54	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Carbon disulfide	ND	vs	6.0	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Carbon tetrachloride	ND	vs	6.0	0.58	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Chlorobenzene	ND	vs	6.0	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.4

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND	vs	6.0	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Chloroethane	ND	vs	6.0	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Chloroform	**0.99**	**J B vs**	6.0	0.37	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Chloromethane	ND	*+ vs	6.0	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
cis-1,2-Dichloroethene	ND	vs	6.0	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Cyclohexane	ND	vs	6.0	0.83	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Bromodichloromethane	ND	vs	6.0	0.80	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Dichlorodifluoromethane	ND	vs	6.0	0.49	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Ethylbenzene	ND	vs	6.0	0.41	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
1,2-Dibromoethane	ND	vs	6.0	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Isopropylbenzene	ND	vs	6.0	0.90	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Methyl tert-butyl ether	ND	vs	6.0	0.58	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Methylcyclohexane	ND	vs	6.0	0.91	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Methylene Chloride	ND	vs	6.0	2.7	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Tetrachloroethene	ND	vs	6.0	0.80	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Toluene	ND	vs	6.0	0.45	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
trans-1,2-Dichloroethene	ND	vs	6.0	0.61	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
trans-1,3-Dichloropropene	ND	vs	6.0	2.6	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Trichloroethene	ND	vs	6.0	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Trichlorofluoromethane	ND	vs	6.0	0.56	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Vinyl chloride	ND	vs	6.0	0.73	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
cis-1,3-Dichloropropene	ND	vs	6.0	0.86	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1
Styrene	ND	vs	6.0	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 03:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:25*	*07/03/26 03:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*07/02/26 18:25*	*07/03/26 03:43*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 126*	*07/02/26 18:25*	*07/03/26 03:43*	*1*
Toluene-d8 (Surr)	*88*		*71 - 125*	*07/02/26 18:25*	*07/03/26 03:43*	*1*
Dibromofluoromethane (Surr)	*107*		*60 - 140*	*07/02/26 18:25*	*07/03/26 03:43*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1000	190	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
bis (2-chloroisopropyl) ether	ND		1000	210	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
2,4,5-Trichlorophenol	ND		1000	210	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
2,4,6-Trichlorophenol	ND		1000	160	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
2,4-Dichlorophenol	ND		1000	200	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
2,4-Dimethylphenol	ND		1000	220	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
2,4-Dinitrophenol	ND		10000	200	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
2,4-Dinitrotoluene	ND		1000	140	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
2,6-Dinitrotoluene	ND		1000	150	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
2-Chloronaphthalene	ND		1000	190	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
1,4-Dioxane	ND		610	230	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
2-Chlorophenol	ND		1000	160	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
2-Methylphenol	ND		1000	170	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		1000	160	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
2-Nitroaniline	ND		2000	170	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
2-Nitrophenol	ND		1000	120	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
3,3'-Dichlorobenzidine	ND		2000	300	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
3-Nitroaniline	ND		2000	150	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
4,6-Dinitro-2-methylphenol	ND		2000	230	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
4-Bromophenyl phenyl ether	ND		1000	170	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
4-Chloro-3-methylphenol	ND		1000	210	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
4-Chloroaniline	ND		1000	150	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
4-Chlorophenyl phenyl ether	ND		1000	220	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
4-Methylphenol	ND		2000	180	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
4-Nitroaniline	ND		2000	150	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
4-Nitrophenol	ND		2000	280	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Acenaphthene	**200**	**J**	1000	190	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Acenaphthylene	ND		1000	200	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Acetophenone	ND		1000	180	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Anthracene	**570**	**J**	1000	190	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Atrazine	ND		1000	350	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Benzaldehyde	ND		1000	790	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Benzo[a]anthracene	**1300**		1000	140	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Benzo[a]pyrene	**1200**		1000	180	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Benzo[b]fluoranthene	**1500**		1000	140	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Benzo[g,h,i]perylene	**820**	**J**	1000	180	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Benzo[k]fluoranthene	**750**	**J**	1000	230	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Bis(2-chloroethoxy)methane	ND		1000	200	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Bis(2-chloroethyl)ether	ND		1000	190	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Bis(2-ethylhexyl) phthalate	ND		1000	220	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Butyl benzyl phthalate	ND		1000	190	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Caprolactam	ND		1000	240	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Carbazole	**260**	**J**	1000	200	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Chrysene	**1400**		1000	250	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Dibenz(a,h)anthracene	**240**	**J**	1000	210	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Di-n-butyl phthalate	ND		1000	230	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Di-n-octyl phthalate	ND		1000	200	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Dibenzofuran	**220**	**J**	1000	180	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Diethyl phthalate	ND		1000	180	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Dimethyl phthalate	ND		1000	200	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Fluoranthene	**3300**		1000	190	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Fluorene	**300**	**J**	1000	190	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Hexachlorobenzene	ND		1000	200	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Hexachlorobutadiene	ND		1000	150	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Hexachlorocyclopentadiene	ND		2000	450	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Hexachloroethane	ND		1000	190	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Indeno[1,2,3-cd]pyrene	**750**	**J**	1000	150	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Isophorone	ND		1000	210	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
N-Nitrosodi-n-propylamine	ND		1000	230	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
N-Nitrosodiphenylamine	ND		1000	170	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Naphthalene	**250**	**J**	1000	170	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Nitrobenzene	ND		1000	170	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		2000	330	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Phenanthrene	**2100**		1000	190	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Phenol	ND		1000	190	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5
Pyrene	**2400**		1000	200	ug/Kg	☼	07/02/26 06:27	07/07/26 14:39	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1100*	*T J*	*ug/Kg*	☼	*2.60*	*N/A*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
Unknown	*8000*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
Unknown	*1500*	*T J*	*ug/Kg*	☼	*9.25*	*N/A*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
Unknown	*5400*	*T J*	*ug/Kg*	☼	*9.67*	*N/A*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
Unknown	*3200*	*T J*	*ug/Kg*	☼	*10.80*	*N/A*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
Unknown	*1100*	*T J*	*ug/Kg*	☼	*11.13*	*N/A*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
Unknown	*1800*	*T J*	*ug/Kg*	☼	*12.17*	*N/A*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
Unknown	*1100*	*T J*	*ug/Kg*	☼	*13.26*	*N/A*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
Cyclohexadecane	*1500*	*T J N*	*ug/Kg*	☼	*13.80*	*295-65-8*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
Perylene	*1000*	*T J N*	*ug/Kg*	☼	*14.44*	*198-55-0*	*07/02/26 06:27*	*07/07/26 14:39*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*91*		*22 - 120*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
Phenol-d5 (Surr)	*89*		*23 - 120*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
p-Terphenyl-d14 (Surr)	*86*		*28 - 124*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 140*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
2-Fluorobiphenyl (Surr)	*91*		*29 - 120*	*07/02/26 06:27*	*07/07/26 14:39*	*5*
2-Fluorophenol (Surr)	*90*		*18 - 120*	*07/02/26 06:27*	*07/07/26 14:39*	*5*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**39**	**J**	81	16	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
4,4'-DDE	ND		81	17	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
4,4'-DDT	ND		81	19	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
beta-BHC	ND		81	15	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
cis-Chlordane	ND		81	40	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
alpha-BHC	ND		81	15	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
Aldrin	ND		81	20	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
delta-BHC	ND		81	15	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
Dieldrin	ND		81	19	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
Endosulfan I	ND		81	16	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
Endosulfan II	ND		81	15	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
Endosulfan sulfate	ND		81	15	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
Endrin	ND		81	16	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
Endrin aldehyde	ND		81	21	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
Endrin ketone	ND		81	20	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
gamma-BHC (Lindane)	ND		81	15	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
trans-Chlordane	ND		81	26	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
Heptachlor	ND		81	18	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
Heptachlor epoxide	ND		81	21	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
Methoxychlor	**27**	**J**	81	17	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20
Toxaphene	ND		810	470	ug/Kg	☼	07/01/26 13:26	07/02/26 14:21	20

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*	*S1+*	*45 - 120*	*07/01/26 13:26*	*07/02/26 14:21*	*20*
DCB Decachlorobiphenyl	*289*	*S1+*	*45 - 120*	*07/01/26 13:26*	*07/02/26 14:21*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/01/26 13:26*	*07/02/26 14:21*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/01/26 13:26*	*07/02/26 14:21*	*20*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.30	0.059	mg/Kg	☼	07/02/26 08:41	07/06/26 13:36	1
PCB-1221	ND		0.30	0.059	mg/Kg	☼	07/02/26 08:41	07/06/26 13:36	1
PCB-1232	ND		0.30	0.059	mg/Kg	☼	07/02/26 08:41	07/06/26 13:36	1
PCB-1242	ND		0.30	0.059	mg/Kg	☼	07/02/26 08:41	07/06/26 13:36	1
PCB-1248	ND		0.30	0.059	mg/Kg	☼	07/02/26 08:41	07/06/26 13:36	1
PCB-1254	ND		0.30	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 13:36	1
PCB-1260	ND		0.30	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*60 - 154*	*07/02/26 08:41*	*07/06/26 13:36*	*1*
Tetrachloro-m-xylene	*86*		*60 - 154*	*07/02/26 08:41*	*07/06/26 13:36*	*1*
DCB Decachlorobiphenyl	*78*		*65 - 174*	*07/02/26 08:41*	*07/06/26 13:36*	*1*
DCB Decachlorobiphenyl	*67*		*65 - 174*	*07/02/26 08:41*	*07/06/26 13:36*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/06/26 14:16	07/10/26 23:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94.4*		*8 - 130*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C5 PFPeA	*108*		*35 - 130*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C5 PFHxA	*104*		*40 - 130*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C4 PFHpA	*109*		*40 - 130*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C8 PFOA	*69.4*		*40 - 130*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C9 PFNA	*97.3*		*40 - 130*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C6 PFDA	*99.6*		*40 - 130*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C7 PFUnA	*99.1*		*40 - 130*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C2 PFTeDA	*80.5*		*20 - 130*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C3 PFBS	*96.6*		*40 - 135*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C3 PFHxS	*94.2*		*40 - 130*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C8 PFOS	*88.7*		*40 - 130*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C8 FOSA	*86.5*		*40 - 130*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
d3-NMeFOSAA	*88.6*		*40 - 135*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
d5-NEtFOSAA	*119*		*40 - 150*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C2 4:2 FTS	*140*		*40 - 165*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C2 6:2 FTS	*115*		*40 - 215*	*07/06/26 14:16*	*07/10/26 23:32*	*1*
13C2 8:2 FTS	*96.1*		*40 - 275*	*07/06/26 14:16*	*07/10/26 23:32*	*1*

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8

Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	112		40 - 130	07/06/26 14:16	07/10/26 23:32	1
d7-N-MeFOSE-M	62.4		20 - 130	07/06/26 14:16	07/10/26 23:32	1
d9-N-EtFOSE-M	58.8		15 - 130	07/06/26 14:16	07/10/26 23:32	1
d5-NEtPFOSA	72.9		10 - 130	07/06/26 14:16	07/10/26 23:32	1
d3-NMePFOSA	83.0		10 - 130	07/06/26 14:16	07/10/26 23:32	1
13C2 PFDoA	89.6		40 - 130	07/06/26 14:16	07/10/26 23:32	1
13C3-PFDoS	77.8		20 - 150	07/06/26 14:16	07/10/26 23:32	1
13C3-3:3 FTCA	105		20 - 150	07/06/26 14:16	07/10/26 23:32	1
13C3-5:3 FTCA	95.0		20 - 150	07/06/26 14:16	07/10/26 23:32	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**24200**		12.0	10.4	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Antimony	ND		18.1	0.64	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Arsenic	**4.4**		2.4	1.1	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Barium	**328**		0.60	0.17	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Beryllium	**2.8**		0.24	0.048	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Cadmium	**0.29**		0.24	0.084	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Calcium	**159000**		301	162	mg/Kg	☼	07/01/26 16:08	07/06/26 13:17	5
Chromium	**17.6**		0.60	0.43	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Cobalt	**6.9**		0.60	0.12	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Copper	**17.4**		1.2	0.69	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Iron	**15700**		12.0	10.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Lead	**258**		1.2	0.55	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Magnesium	**11300**		24.1	10.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Manganese	**2320**		1.2	0.34	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Nickel	**11.6**		6.0	0.30	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Potassium	**3270**		36.1	29.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Selenium	ND		4.8	0.96	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Silver	ND	^5+	0.72	0.24	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Sodium	**418**		168	73.8	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Thallium	ND		7.2	0.91	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Vanadium	**26.2**		0.60	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1
Zinc	**117**		2.4	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.035**		0.025	0.0058	mg/Kg	☼	07/07/26 11:43	07/07/26 16:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.55	mg/Kg	☼	07/02/26 14:15	07/02/26 18:24	1

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9

Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 83.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.95	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 83.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
1,1,2-Trichloroethane	ND	vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
1,2-Dichloroethane	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
1,2-Dichloropropane	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
1,4-Dichlorobenzene	ND	vs	5.9	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Acetone	ND	vs	29	4.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Bromoform	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Bromomethane	ND	vs	5.9	0.53	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Carbon disulfide	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Chlorobenzene	ND	vs	5.9	0.77	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Dibromochloromethane	ND	vs	5.9	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Chloroform	**0.90**	**J B vs**	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Chloromethane	ND	*+ vs	5.9	0.35	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Cyclohexane	ND	vs	5.9	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Bromodichloromethane	ND	vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Dichlorodifluoromethane	ND	vs	5.9	0.48	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Ethylbenzene	ND	vs	5.9	0.40	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
1,2-Dibromoethane	ND	vs	5.9	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Isopropylbenzene	ND	vs	5.9	0.88	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Methylcyclohexane	ND	vs	5.9	0.89	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Tetrachloroethene	ND	vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Toluene	ND	vs	5.9	0.44	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.60	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
trans-1,3-Dichloropropene	ND	vs	5.9	2.6	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Trichlorofluoromethane	ND	vs	5.9	0.55	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Xylenes, Total	ND	vs	12	0.98	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.84	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1
Styrene	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 04:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:25*	*07/03/26 04:07*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 83.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 126*	*07/02/26 18:25*	*07/03/26 04:07*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*07/02/26 18:25*	*07/03/26 04:07*	*1*
Toluene-d8 (Surr)	*88*		*71 - 125*	*07/02/26 18:25*	*07/03/26 04:07*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*07/02/26 18:25*	*07/03/26 04:07*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2,4,5-Trichlorophenol	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2,4,6-Trichlorophenol	ND		200	30	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2,4-Dichlorophenol	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2,4-Dimethylphenol	ND		200	41	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2,6-Dinitrotoluene	ND		200	28	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2-Chloronaphthalene	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
1,4-Dioxane	ND		120	43	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2-Chlorophenol	ND		200	31	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2-Methylphenol	ND		200	32	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
2-Nitrophenol	ND		200	22	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
3,3'-Dichlorobenzidine	ND		380	57	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
3-Nitroaniline	ND		380	28	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
4-Bromophenyl phenyl ether	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
4-Chloro-3-methylphenol	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
4-Chloroaniline	ND		200	28	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
4-Chlorophenyl phenyl ether	ND		200	41	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
4-Methylphenol	ND		380	35	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
4-Nitroaniline	ND		380	29	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
4-Nitrophenol	ND		380	53	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Acenaphthene	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Acenaphthylene	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Acetophenone	ND		200	34	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Anthracene	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Atrazine	ND		200	66	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Benzo[a]anthracene	ND		200	27	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Benzo[a]pyrene	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Benzo[b]fluoranthene	ND		200	26	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Benzo[g,h,i]perylene	ND		200	34	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Benzo[k]fluoranthene	ND		200	44	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Bis(2-chloroethoxy)methane	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Bis(2-chloroethyl)ether	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Bis(2-ethylhexyl) phthalate	**58**	**J**	200	43	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Butyl benzyl phthalate	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Caprolactam	ND		200	45	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Carbazole	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 83.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		200	47	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Dibenz(a,h)anthracene	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Di-n-butyl phthalate	ND		200	44	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Di-n-octyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Dibenzofuran	ND		200	34	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Diethyl phthalate	ND		200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Dimethyl phthalate	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Fluoranthene	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Fluorene	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Hexachlorobenzene	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Hexachlorocyclopentadiene	ND		380	86	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Hexachloroethane	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Indeno[1,2,3-cd]pyrene	ND		200	29	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Isophorone	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
N-Nitrosodi-n-propylamine	ND		200	44	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
N-Nitrosodiphenylamine	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Naphthalene	ND		200	32	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Nitrobenzene	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Pentachlorophenol	ND		380	62	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Phenanthrene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Phenol	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1
Pyrene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6300*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 06:27*	*07/07/26 15:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*90*		*22 - 120*	*07/02/26 06:27*	*07/07/26 15:03*	*1*
Phenol-d5 (Surr)	*81*		*23 - 120*	*07/02/26 06:27*	*07/07/26 15:03*	*1*
p-Terphenyl-d14 (Surr)	*85*		*28 - 124*	*07/02/26 06:27*	*07/07/26 15:03*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 140*	*07/02/26 06:27*	*07/07/26 15:03*	*1*
2-Fluorobiphenyl (Surr)	*94*		*29 - 120*	*07/02/26 06:27*	*07/07/26 15:03*	*1*
2-Fluorophenol (Surr)	*80*		*18 - 120*	*07/02/26 06:27*	*07/07/26 15:03*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.0	0.77	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
4,4'-DDE	ND		4.0	0.83	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
4,4'-DDT	ND		4.0	0.93	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
beta-BHC	ND		4.0	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
cis-Chlordane	ND		4.0	2.0	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
alpha-BHC	ND		4.0	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
Aldrin	ND		4.0	0.98	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
delta-BHC	ND		4.0	0.74	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
Dieldrin	ND		4.0	0.95	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
Endosulfan I	ND		4.0	0.76	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
Endosulfan II	ND		4.0	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
Endosulfan sulfate	ND		4.0	0.74	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
Endrin	ND		4.0	0.79	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 83.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		4.0	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
Endrin ketone	ND		4.0	0.98	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
gamma-BHC (Lindane)	ND		4.0	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
trans-Chlordane	ND		4.0	1.3	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
Heptachlor	ND		4.0	0.86	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
Heptachlor epoxide	ND		4.0	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
Methoxychlor	**0.82**	**J**	4.0	0.81	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1
Toxaphene	ND		40	23	ug/Kg	☼	07/01/26 13:26	07/02/26 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*45 - 120*	*07/01/26 13:26*	*07/02/26 14:40*	*1*
DCB Decachlorobiphenyl	*73*		*45 - 120*	*07/01/26 13:26*	*07/02/26 14:40*	*1*
Tetrachloro-m-xylene	*97*		*30 - 124*	*07/01/26 13:26*	*07/02/26 14:40*	*1*
Tetrachloro-m-xylene	*88*		*30 - 124*	*07/01/26 13:26*	*07/02/26 14:40*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 13:54	1
PCB-1221	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 13:54	1
PCB-1232	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 13:54	1
PCB-1242	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 13:54	1
PCB-1248	ND		0.30	0.058	mg/Kg	☼	07/02/26 08:41	07/06/26 13:54	1
PCB-1254	ND		0.30	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 13:54	1
PCB-1260	ND		0.30	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*60 - 154*	*07/02/26 08:41*	*07/06/26 13:54*	*1*
Tetrachloro-m-xylene	*86*		*60 - 154*	*07/02/26 08:41*	*07/06/26 13:54*	*1*
DCB Decachlorobiphenyl	*86*		*65 - 174*	*07/02/26 08:41*	*07/06/26 13:54*	*1*
DCB Decachlorobiphenyl	*73*		*65 - 174*	*07/02/26 08:41*	*07/06/26 13:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 83.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/06/26 07:31	07/12/26 13:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77.5*		*8 - 130*	*07/06/26 07:31*	*07/12/26 13:36*	*1*
13C5 PFPeA	*78.6*		*35 - 130*	*07/06/26 07:31*	*07/12/26 13:36*	*1*
13C5 PFHxA	*76.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:36*	*1*
13C4 PFHpA	*80.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:36*	*1*
13C8 PFOA	*75.6*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:36*	*1*
13C9 PFNA	*75.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:36*	*1*
13C6 PFDA	*67.8*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:36*	*1*
13C7 PFUnA	*58.6*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:36*	*1*

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 83.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	41.5		20 - 130	07/06/26 07:31	07/12/26 13:36	1
13C3 PFBS	69.3		40 - 135	07/06/26 07:31	07/12/26 13:36	1
13C3 PFHxS	69.9		40 - 130	07/06/26 07:31	07/12/26 13:36	1
13C8 PFOS	64.9		40 - 130	07/06/26 07:31	07/12/26 13:36	1
13C8 FOSA	57.9		40 - 130	07/06/26 07:31	07/12/26 13:36	1
d3-NMeFOSAA	54.7		40 - 135	07/06/26 07:31	07/12/26 13:36	1
d5-NEtFOSAA	48.2		40 - 150	07/06/26 07:31	07/12/26 13:36	1
13C2 4:2 FTS	62.6		40 - 165	07/06/26 07:31	07/12/26 13:36	1
13C2 6:2 FTS	64.9		40 - 215	07/06/26 07:31	07/12/26 13:36	1
13C2 8:2 FTS	57.3		40 - 275	07/06/26 07:31	07/12/26 13:36	1
13C3 HFPO-DA	75.6		40 - 130	07/06/26 07:31	07/12/26 13:36	1
d7-N-MeFOSE-M	22.9		20 - 130	07/06/26 07:31	07/12/26 13:36	1
d9-N-EtFOSE-M	19.1		15 - 130	07/06/26 07:31	07/12/26 13:36	1
d5-NEtPFOSA	36.7		10 - 130	07/06/26 07:31	07/12/26 13:36	1
d3-NMePFOSA	47.6		10 - 130	07/06/26 07:31	07/12/26 13:36	1
13C2 PFDoA	48.8		40 - 130	07/06/26 07:31	07/12/26 13:36	1
13C3-PFDoS	35.3		20 - 150	07/06/26 07:31	07/12/26 13:36	1
13C3-3:3 FTCA	84.4		20 - 150	07/06/26 07:31	07/12/26 13:36	1
13C3-5:3 FTCA	70.3		20 - 150	07/06/26 07:31	07/12/26 13:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	19100		11.3	9.7	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Antimony	ND		16.9	0.60	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Arsenic	3.4		2.3	0.99	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Barium	145		0.56	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Beryllium	0.74		0.23	0.045	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Cadmium	0.30		0.23	0.079	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Calcium	76500		56.5	30.5	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Chromium	21.2		0.56	0.41	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Cobalt	10.5		0.56	0.11	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Copper	16.6		1.1	0.64	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Iron	21000		11.3	9.6	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Lead	13.6		1.1	0.52	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Magnesium	31300		22.6	9.6	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Manganese	508		1.1	0.32	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Nickel	19.2		5.6	0.28	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Potassium	6800		33.9	27.4	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Selenium	ND		4.5	0.90	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Silver	ND	^5+	0.68	0.23	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Sodium	434		158	69.3	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Thallium	ND		6.8	0.86	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Vanadium	34.3		0.56	0.15	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1
Zinc	83.0		2.3	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.024	0.0056	mg/Kg	☼	07/07/26 11:43	07/07/26 16:27	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-4 4-6'

Lab Sample ID: 480-240036-9
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 83.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.53	mg/Kg	☼	07/02/26 14:15	07/02/26 18:25	1

Client Sample ID: TT-4 4-6' DUP

Lab Sample ID: 480-240036-10
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.95	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,1,2-Trichloroethane	ND	vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,2-Dichloroethane	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,2-Dichloropropane	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,4-Dichlorobenzene	ND	vs	5.9	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Acetone	ND	vs	29	4.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Bromoform	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Bromomethane	ND	vs	5.9	0.53	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Carbon disulfide	ND	vs	5.9	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Chlorobenzene	ND	vs	5.9	0.77	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Dibromochloromethane	ND	vs	5.9	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Chloroform	**0.98**	**J B vs**	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Chloromethane	ND	*+ vs	5.9	0.35	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Cyclohexane	ND	vs	5.9	0.82	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Bromodichloromethane	ND	vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Dichlorodifluoromethane	ND	vs	5.9	0.48	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Ethylbenzene	ND	vs	5.9	0.41	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
1,2-Dibromoethane	ND	vs	5.9	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Isopropylbenzene	ND	vs	5.9	0.89	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Methylcyclohexane	ND	vs	5.9	0.89	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Tetrachloroethene	ND	vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Toluene	ND	vs	5.9	0.44	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.61	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
trans-1,3-Dichloropropene	ND	vs	5.9	2.6	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-4 4-6' DUP

Lab Sample ID: 480-240036-10

Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Trichlorofluoromethane	ND	vs	5.9	0.56	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Xylenes, Total	ND	vs	12	0.99	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.85	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1
Styrene	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 04:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:25*	*07/03/26 04:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*07/02/26 18:25*	*07/03/26 04:31*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*07/02/26 18:25*	*07/03/26 04:31*	*1*
Toluene-d8 (Surr)	*87*		*71 - 125*	*07/02/26 18:25*	*07/03/26 04:31*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*07/02/26 18:25*	*07/03/26 04:31*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
bis (2-chloroisopropyl) ether	ND		200	41	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2,4,5-Trichlorophenol	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2,4,6-Trichlorophenol	ND		200	30	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2,4-Dichlorophenol	ND		200	39	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2,4-Dimethylphenol	ND		200	42	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2,4-Dinitrophenol	ND		2000	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2,6-Dinitrotoluene	ND		200	28	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2-Chloronaphthalene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
1,4-Dioxane	ND		120	44	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2-Chlorophenol	ND		200	31	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2-Methylphenol	ND		200	32	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2-Nitroaniline	ND		390	34	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
2-Nitrophenol	ND		200	23	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
3,3'-Dichlorobenzidine	ND		390	58	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
3-Nitroaniline	ND		390	28	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
4,6-Dinitro-2-methylphenol	ND		390	44	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
4-Bromophenyl phenyl ether	ND		200	34	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
4-Chloro-3-methylphenol	ND		200	41	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
4-Chloroaniline	ND		200	29	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
4-Chlorophenyl phenyl ether	ND		200	42	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
4-Methylphenol	ND		390	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
4-Nitroaniline	ND		390	29	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
4-Nitrophenol	ND		390	54	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Acenaphthene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Acenaphthylene	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Acetophenone	ND		200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Anthracene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Atrazine	ND		200	67	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-4 4-6' DUP
Lab Sample ID: 480-240036-10
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**45**	**J**	200	27	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Benzo[a]pyrene	**48**	**J**	200	34	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Benzo[b]fluoranthene	**65**	**J**	200	27	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Benzo[g,h,i]perylene	**36**	**J**	200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Benzo[k]fluoranthene	ND		200	45	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Bis(2-chloroethoxy)methane	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Bis(2-chloroethyl)ether	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Bis(2-ethylhexyl) phthalate	**65**	**J**	200	43	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Butyl benzyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Caprolactam	ND		200	46	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Carbazole	ND		200	39	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Chrysene	**53**	**J**	200	48	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Dibenz(a,h)anthracene	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Di-n-butyl phthalate	**57**	**J**	200	45	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Di-n-octyl phthalate	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Dibenzofuran	ND		200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Diethyl phthalate	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Dimethyl phthalate	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Fluoranthene	**120**	**J**	200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Fluorene	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Hexachlorobenzene	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Hexachlorobutadiene	ND		200	30	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Hexachlorocyclopentadiene	ND		390	87	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Hexachloroethane	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Indeno[1,2,3-cd]pyrene	**36**	**J**	200	30	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Isophorone	ND		200	41	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
N-Nitrosodi-n-propylamine	ND		200	45	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
N-Nitrosodiphenylamine	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Naphthalene	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Nitrobenzene	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Pentachlorophenol	ND		390	63	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Phenanthrene	**97**	**J**	200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Phenol	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1
Pyrene	**88**	**J**	200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 15:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6100*	*T J*	*ug/Kg*	☼	*2.00*	*N/A*	*07/02/26 06:27*	*07/07/26 15:28*	*1*
Unknown	*6100*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 06:27*	*07/07/26 15:28*	*1*
Heneicosane	*230*	*T J N*	*ug/Kg*	☼	*13.79*	*629-94-7*	*07/02/26 06:27*	*07/07/26 15:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*90*		*22 - 120*	*07/02/26 06:27*	*07/07/26 15:28*	*1*
Phenol-d5 (Surr)	*91*		*23 - 120*	*07/02/26 06:27*	*07/07/26 15:28*	*1*
p-Terphenyl-d14 (Surr)	*94*		*28 - 124*	*07/02/26 06:27*	*07/07/26 15:28*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 140*	*07/02/26 06:27*	*07/07/26 15:28*	*1*
2-Fluorobiphenyl (Surr)	*91*		*29 - 120*	*07/02/26 06:27*	*07/07/26 15:28*	*1*
2-Fluorophenol (Surr)	*88*		*18 - 120*	*07/02/26 06:27*	*07/07/26 15:28*	*1*

Client Sample ID: TT-4 4-6' DUP
Lab Sample ID: 480-240036-10
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.9	0.75	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
4,4'-DDE	ND		3.9	0.81	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
4,4'-DDT	ND		3.9	0.91	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
beta-BHC	ND		3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
cis-Chlordane	ND		3.9	1.9	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
alpha-BHC	ND		3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
Aldrin	ND		3.9	0.95	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
delta-BHC	ND		3.9	0.72	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
Dieldrin	ND		3.9	0.93	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
Endosulfan I	ND		3.9	0.74	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
Endosulfan II	ND		3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
Endosulfan sulfate	ND		3.9	0.72	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
Endrin	ND		3.9	0.77	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
Endrin aldehyde	ND		3.9	0.99	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
Endrin ketone	ND		3.9	0.95	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
gamma-BHC (Lindane)	ND		3.9	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
trans-Chlordane	ND		3.9	1.2	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
Heptachlor	ND		3.9	0.84	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
Heptachlor epoxide	ND		3.9	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
Methoxychlor	**2.3**	**J**	3.9	0.79	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1
Toxaphene	ND		39	23	ug/Kg	☼	07/01/26 13:26	07/02/26 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*45 - 120*	*07/01/26 13:26*	*07/02/26 15:00*	*1*
DCB Decachlorobiphenyl	*76*		*45 - 120*	*07/01/26 13:26*	*07/02/26 15:00*	*1*
Tetrachloro-m-xylene	*72*		*30 - 124*	*07/01/26 13:26*	*07/02/26 15:00*	*1*
Tetrachloro-m-xylene	*68*		*30 - 124*	*07/01/26 13:26*	*07/02/26 15:00*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.29	0.057	mg/Kg	☼	07/02/26 08:41	07/06/26 14:13	1
PCB-1221	ND		0.29	0.057	mg/Kg	☼	07/02/26 08:41	07/06/26 14:13	1
PCB-1232	ND		0.29	0.057	mg/Kg	☼	07/02/26 08:41	07/06/26 14:13	1
PCB-1242	ND		0.29	0.057	mg/Kg	☼	07/02/26 08:41	07/06/26 14:13	1
PCB-1248	ND		0.29	0.057	mg/Kg	☼	07/02/26 08:41	07/06/26 14:13	1
PCB-1254	ND		0.29	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 14:13	1
PCB-1260	ND		0.29	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*60 - 154*	*07/02/26 08:41*	*07/06/26 14:13*	*1*
Tetrachloro-m-xylene	*87*		*60 - 154*	*07/02/26 08:41*	*07/06/26 14:13*	*1*
DCB Decachlorobiphenyl	*85*		*65 - 174*	*07/02/26 08:41*	*07/06/26 14:13*	*1*
DCB Decachlorobiphenyl	*73*		*65 - 174*	*07/02/26 08:41*	*07/06/26 14:13*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-4 4-6' DUP
Lab Sample ID: 480-240036-10
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1

Client Sample ID: TT-4 4-6' DUP
Lab Sample ID: 480-240036-10
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 13:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*74.3*		*8 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C5 PFPeA	*77.6*		*35 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C5 PFHxA	*74.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C4 PFHpA	*79.3*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C8 PFOA	*76.1*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C9 PFNA	*73.9*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C6 PFDA	*70.6*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C7 PFUnA	*68.1*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C2 PFTeDA	*54.0*		*20 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C3 PFBS	*65.1*		*40 - 135*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C3 PFHxS	*73.1*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C8 PFOS	*67.4*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C8 FOSA	*60.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
d3-NMeFOSAA	*58.9*		*40 - 135*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
d5-NEtFOSAA	*55.5*		*40 - 150*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C2 4:2 FTS	*59.3*		*40 - 165*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C2 6:2 FTS	*64.3*		*40 - 215*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C2 8:2 FTS	*53.4*		*40 - 275*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C3 HFPO-DA	*71.1*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
d7-N-MeFOSE-M	*32.0*		*20 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
d9-N-EtFOSE-M	*28.8*		*15 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
d5-NEtPFOSA	*43.7*		*10 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
d3-NMePFOSA	*54.0*		*10 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C2 PFDoA	*57.6*		*40 - 130*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C3-PFDoS	*46.9*		*20 - 150*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C3-3:3 FTCA	*76.8*		*20 - 150*	*07/06/26 07:31*	*07/12/26 13:50*	*1*
13C3-5:3 FTCA	*70.4*		*20 - 150*	*07/06/26 07:31*	*07/12/26 13:50*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14400**		11.2	9.7	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Antimony	ND		16.8	0.59	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Arsenic	**2.4**		2.2	0.99	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Barium	**82.4**		0.56	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Beryllium	**0.59**		0.22	0.045	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Cadmium	**0.27**		0.22	0.078	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Calcium	**63800**		56.0	30.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Chromium	**17.0**		0.56	0.40	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Cobalt	**7.4**		0.56	0.11	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Copper	**14.9**		1.1	0.64	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Iron	**16800**		11.2	9.5	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Lead	**12.3**		1.1	0.52	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Magnesium	**27200**		22.4	9.5	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Manganese	**396**		1.1	0.31	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Nickel	**14.3**		5.6	0.28	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1

Client Sample ID: TT-4 4-6' DUP

Lab Sample ID: 480-240036-10
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**4850**		33.6	27.1	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Selenium	ND		4.5	0.90	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Silver	ND	^5+	0.67	0.22	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Sodium	**346**		157	68.7	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Thallium	ND		6.7	0.85	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Vanadium	**28.6**		0.56	0.15	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1
Zinc	**69.5**		2.2	1.1	mg/Kg	☼	07/01/26 16:08	07/02/26 19:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.011**	**J**	0.024	0.0055	mg/Kg	☼	07/07/26 11:43	07/07/26 16:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	F1	1.1	0.53	mg/Kg	☼	07/07/26 13:40	07/07/26 16:27	1

Client Sample ID: TT-5 1-2'

Lab Sample ID: 480-240036-11
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.8	0.42	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.94	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,1,2-Trichloroethane	ND	vs	5.8	0.75	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,1-Dichloroethane	ND	vs	5.8	0.71	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,1-Dichloroethene	ND	vs	5.8	0.71	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,2-Dichlorobenzene	ND	vs	5.8	0.45	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,2-Dichloroethane	ND	vs	5.8	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,2-Dichloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,3-Dichlorobenzene	ND	vs	5.8	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,4-Dichlorobenzene	ND	vs	5.8	0.81	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Acetone	ND	vs	29	4.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Benzene	ND	vs	5.8	0.28	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Bromoform	ND	vs	5.8	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Bromomethane	ND	vs	5.8	0.52	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Carbon disulfide	ND	vs	5.8	2.9	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Carbon tetrachloride	ND	vs	5.8	0.56	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Chlorobenzene	ND	vs	5.8	0.77	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Dibromochloromethane	ND	vs	5.8	0.74	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Chloroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Chloroform	**0.94**	**J B vs**	5.8	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Chloromethane	ND	*+ vs	5.8	0.35	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
cis-1,2-Dichloroethene	ND	vs	5.8	0.74	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 1-2'
Lab Sample ID: 480-240036-11
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND	vs	5.8	0.81	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Bromodichloromethane	ND	vs	5.8	0.78	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Dichlorodifluoromethane	ND	vs	5.8	0.48	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Ethylbenzene	ND	vs	5.8	0.40	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
1,2-Dibromoethane	ND	vs	5.8	0.74	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Isopropylbenzene	ND	vs	5.8	0.87	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Methyl tert-butyl ether	ND	vs	5.8	0.57	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Methylcyclohexane	ND	vs	5.8	0.88	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Methylene Chloride	ND	vs	5.8	2.7	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Tetrachloroethene	ND	vs	5.8	0.78	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Toluene	ND	vs	5.8	0.44	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
trans-1,2-Dichloroethene	ND	vs	5.8	0.60	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
trans-1,3-Dichloropropene	ND	vs	5.8	2.6	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Trichloroethene	ND	vs	5.8	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Trichlorofluoromethane	ND	vs	5.8	0.55	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Vinyl chloride	ND	vs	5.8	0.71	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Xylenes, Total	ND	vs	12	0.97	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
cis-1,3-Dichloropropene	ND	vs	5.8	0.83	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1
Styrene	ND	vs	5.8	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 04:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:25*	*07/03/26 04:55*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*07/02/26 18:25*	*07/03/26 04:55*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*07/02/26 18:25*	*07/03/26 04:55*	*1*
Toluene-d8 (Surr)	*86*		*71 - 125*	*07/02/26 18:25*	*07/03/26 04:55*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*07/02/26 18:25*	*07/03/26 04:55*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
bis (2-chloroisopropyl) ether	ND		1900	390	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2,4,5-Trichlorophenol	ND		1900	390	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2,4,6-Trichlorophenol	ND		1900	290	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2,4-Dichlorophenol	ND		1900	380	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2,4-Dimethylphenol	ND		1900	410	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2,4-Dinitrophenol	ND		19000	370	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2,4-Dinitrotoluene	ND		1900	260	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2,6-Dinitrotoluene	ND		1900	280	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2-Chloronaphthalene	ND		1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
1,4-Dioxane	ND		1100	420	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2-Chlorophenol	ND		1900	300	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2-Methylphenol	ND		1900	310	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2-Methylnaphthalene	ND		1900	300	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2-Nitroaniline	ND		3800	330	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
2-Nitrophenol	ND		1900	220	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
3,3'-Dichlorobenzidine	ND		3800	560	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
3-Nitroaniline	ND		3800	270	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 1-2'
Lab Sample ID: 480-240036-11
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		3800	420	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
4-Bromophenyl phenyl ether	ND		1900	330	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
4-Chloro-3-methylphenol	ND		1900	400	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
4-Chloroaniline	ND		1900	280	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
4-Chlorophenyl phenyl ether	ND		1900	400	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
4-Methylphenol	ND		3800	350	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
4-Nitroaniline	ND		3800	280	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
4-Nitrophenol	ND		3800	530	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Acenaphthene	**620**	**J**	1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Acenaphthylene	ND		1900	370	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Acetophenone	ND		1900	340	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Anthracene	**1500**	**J**	1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Atrazine	ND		1900	650	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Benzaldehyde	ND		1900	1500	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Benzo[a]anthracene	**3300**		1900	270	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Benzo[a]pyrene	**3000**		1900	330	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Benzo[b]fluoranthene	**3500**		1900	260	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Benzo[g,h,i]perylene	**1800**	**J**	1900	340	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Benzo[k]fluoranthene	**1800**	**J**	1900	430	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Bis(2-chloroethoxy)methane	ND		1900	370	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Bis(2-chloroethyl)ether	ND		1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Bis(2-ethylhexyl) phthalate	**790**	**J**	1900	420	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Butyl benzyl phthalate	ND		1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Caprolactam	ND		1900	450	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Carbazole	**660**	**J**	1900	380	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Chrysene	**3400**		1900	460	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Dibenz(a,h)anthracene	**500**	**J**	1900	390	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Di-n-butyl phthalate	ND		1900	430	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Di-n-octyl phthalate	ND		1900	370	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Dibenzofuran	**390**	**J**	1900	340	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Diethyl phthalate	ND		1900	350	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Dimethyl phthalate	ND		1900	370	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Fluoranthene	**7800**		1900	350	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Fluorene	**640**	**J**	1900	350	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Hexachlorobenzene	ND		1900	370	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Hexachlorobutadiene	ND		1900	290	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Hexachlorocyclopentadiene	ND		3800	840	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Hexachloroethane	ND		1900	350	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Indeno[1,2,3-cd]pyrene	**1700**	**J**	1900	290	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Isophorone	ND		1900	400	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
N-Nitrosodi-n-propylamine	ND		1900	430	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
N-Nitrosodiphenylamine	ND		1900	320	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Naphthalene	**320**	**J**	1900	320	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Nitrobenzene	ND		1900	320	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Pentachlorophenol	ND		3800	610	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Phenanthrene	**5700**		1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Phenol	ND		1900	350	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10
Pyrene	**5500**		1900	370	ug/Kg	☼	07/02/26 06:27	07/07/26 15:52	10

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 1-2'
Lab Sample ID: 480-240036-11
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.9

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	5300	T J	ug/Kg	☼	3.49	N/A	07/02/26 06:27	07/07/26 15:52	10
Benzo[e]pyrene	2400	T J N	ug/Kg	☼	14.44	192-97-2	07/02/26 06:27	07/07/26 15:52	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	92		22 - 120	07/02/26 06:27	07/07/26 15:52	10
Phenol-d5 (Surr)	85		23 - 120	07/02/26 06:27	07/07/26 15:52	10
p-Terphenyl-d14 (Surr)	75		28 - 124	07/02/26 06:27	07/07/26 15:52	10
2,4,6-Tribromophenol (Surr)	90		10 - 140	07/02/26 06:27	07/07/26 15:52	10
2-Fluorobiphenyl (Surr)	86		29 - 120	07/02/26 06:27	07/07/26 15:52	10
2-Fluorophenol (Surr)	87		18 - 120	07/02/26 06:27	07/07/26 15:52	10

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**1.3**	**J**	3.8	0.74	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
4,4'-DDE	ND		3.8	0.80	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
4,4'-DDT	ND		3.8	0.89	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
beta-BHC	ND		3.8	0.68	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
cis-Chlordane	ND		3.8	1.9	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
alpha-BHC	**0.83**	**J**	3.8	0.68	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
Aldrin	ND		3.8	0.93	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
delta-BHC	ND		3.8	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
Dieldrin	ND		3.8	0.91	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
Endosulfan I	ND		3.8	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
Endosulfan II	ND		3.8	0.68	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
Endosulfan sulfate	ND		3.8	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
Endrin	ND		3.8	0.75	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
Endrin aldehyde	ND		3.8	0.97	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
Endrin ketone	ND		3.8	0.93	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
gamma-BHC (Lindane)	ND		3.8	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
trans-Chlordane	ND		3.8	1.2	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
Heptachlor	ND		3.8	0.82	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
Heptachlor epoxide	ND		3.8	0.98	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
Methoxychlor	**1.6**	**J**	3.8	0.77	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1
Toxaphene	ND		38	22	ug/Kg	☼	07/01/26 13:26	07/02/26 15:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		45 - 120	07/01/26 13:26	07/02/26 15:39	1
DCB Decachlorobiphenyl	81		45 - 120	07/01/26 13:26	07/02/26 15:39	1
Tetrachloro-m-xylene	64		30 - 124	07/01/26 13:26	07/02/26 15:39	1
Tetrachloro-m-xylene	53		30 - 124	07/01/26 13:26	07/02/26 15:39	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	07/02/26 08:41	07/06/26 14:31	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	07/02/26 08:41	07/06/26 14:31	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	07/02/26 08:41	07/06/26 14:31	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	07/02/26 08:41	07/06/26 14:31	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	07/02/26 08:41	07/06/26 14:31	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	07/02/26 08:41	07/06/26 14:31	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	07/02/26 08:41	07/06/26 14:31	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 1-2'
Lab Sample ID: 480-240036-11
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*97*		*60 - 154*	*07/02/26 08:41*	*07/06/26 14:31*	*1*
Tetrachloro-m-xylene	*89*		*60 - 154*	*07/02/26 08:41*	*07/06/26 14:31*	*1*
DCB Decachlorobiphenyl	*89*		*65 - 174*	*07/02/26 08:41*	*07/06/26 14:31*	*1*
DCB Decachlorobiphenyl	*76*		*65 - 174*	*07/02/26 08:41*	*07/06/26 14:31*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorooctanesulfonic acid (PFOS)	**0.10**	**J**	0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 1-2'
Lab Sample ID: 480-240036-11
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	ng/g	☼	07/06/26 07:31	07/12/26 14:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*73.2*		*8 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C5 PFPeA	*78.1*		*35 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C5 PFHxA	*75.3*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C4 PFHpA	*81.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C8 PFOA	*75.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C9 PFNA	*78.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C6 PFDA	*72.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C7 PFUnA	*71.3*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C2 PFTeDA	*63.6*		*20 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C3 PFBS	*65.7*		*40 - 135*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C3 PFHxS	*66.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C8 PFOS	*64.3*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C8 FOSA	*61.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
d3-NMeFOSAA	*62.1*		*40 - 135*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
d5-NEtFOSAA	*59.5*		*40 - 150*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C2 4:2 FTS	*64.0*		*40 - 165*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C2 6:2 FTS	*62.4*		*40 - 215*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C2 8:2 FTS	*63.4*		*40 - 275*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C3 HFPO-DA	*73.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
d7-N-MeFOSE-M	*40.5*		*20 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
d9-N-EtFOSE-M	*34.8*		*15 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
d5-NEtPFOSA	*50.2*		*10 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
d3-NMePFOSA	*59.8*		*10 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C2 PFDoA	*67.1*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C3-PFDoS	*49.8*		*20 - 150*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C3-3:3 FTCA	*73.1*		*20 - 150*	*07/06/26 07:31*	*07/12/26 14:03*	*1*
13C3-5:3 FTCA	*66.9*		*20 - 150*	*07/06/26 07:31*	*07/12/26 14:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16000**		11.6	10.0	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Antimony	ND		17.5	0.62	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Arsenic	**7.1**		2.3	1.0	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1

Client Sample ID: TT-5 1-2'

Lab Sample ID: 480-240036-11
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	143		0.58	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Beryllium	0.72		0.23	0.047	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Cadmium	0.53		0.23	0.082	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Calcium	46600		58.2	31.4	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Chromium	20.6		0.58	0.42	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Cobalt	9.1		0.58	0.12	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Copper	30.3		1.2	0.66	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Iron	21700		11.6	9.9	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Lead	355		1.2	0.54	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Magnesium	12700		23.3	9.9	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Manganese	355		1.2	0.33	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Nickel	18.6		5.8	0.29	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Potassium	3980		34.9	28.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Selenium	ND		4.7	0.93	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Silver	ND	^5+	0.70	0.23	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Sodium	224		163	71.4	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Thallium	ND		7.0	0.88	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Vanadium	31.9		0.58	0.15	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1
Zinc	192		2.3	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.36		0.023	0.0053	mg/Kg	☼	07/07/26 11:43	07/07/26 16:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.51	mg/Kg	☼	07/07/26 13:40	07/07/26 16:30	1

Client Sample ID: TT-5 4-6'

Lab Sample ID: 480-240036-12
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.96	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,1,2-Trichloroethane	ND	vs	5.9	0.77	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.9	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,2-Dichloroethane	ND	vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,2-Dichloropropane	ND	vs	5.9	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,4-Dichlorobenzene	ND	vs	5.9	0.83	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
2-Butanone (MEK)	ND	vs	30	2.2	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	1.9	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	vs	30	5.0	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Bromoform	ND	vs	5.9	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Bromomethane	ND	vs	5.9	0.53	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Carbon disulfide	ND	vs	5.9	3.0	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Chlorobenzene	ND	vs	5.9	0.78	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Dibromochloromethane	ND	vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Chloroform	**1.1**	**J B vs**	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Chloromethane	ND	*+ vs	5.9	0.36	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Cyclohexane	ND	vs	5.9	0.83	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Bromodichloromethane	ND	vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Dichlorodifluoromethane	ND	vs	5.9	0.49	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Ethylbenzene	ND	vs	5.9	0.41	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
1,2-Dibromoethane	ND	vs	5.9	0.76	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Isopropylbenzene	ND	vs	5.9	0.89	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Methylcyclohexane	ND	vs	5.9	0.90	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Tetrachloroethene	ND	vs	5.9	0.79	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Toluene	ND	vs	5.9	0.45	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.61	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
trans-1,3-Dichloropropene	ND	vs	5.9	2.6	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Trichlorofluoromethane	ND	vs	5.9	0.56	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Xylenes, Total	ND	vs	12	0.99	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.85	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1
Styrene	ND	vs	5.9	0.30	ug/Kg	☼	07/02/26 18:25	07/03/26 05:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:25*	*07/03/26 05:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*07/02/26 18:25*	*07/03/26 05:18*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*07/02/26 18:25*	*07/03/26 05:18*	*1*
Toluene-d8 (Surr)	*86*		*71 - 125*	*07/02/26 18:25*	*07/03/26 05:18*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*07/02/26 18:25*	*07/03/26 05:18*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
bis (2-chloroisopropyl) ether	ND		190	40	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
2,4,5-Trichlorophenol	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
2,4,6-Trichlorophenol	ND		190	29	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
2,4-Dichlorophenol	ND		190	38	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
2,4-Dimethylphenol	ND		190	41	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
2,4-Dinitrotoluene	ND		190	26	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
2,6-Dinitrotoluene	ND		190	28	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
2-Chloronaphthalene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
1,4-Dioxane	ND		110	43	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
2-Chlorophenol	ND		190	30	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
2-Methylphenol	ND		190	31	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
2-Methylnaphthalene	ND		190	30	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
2-Nitrophenol	ND		190	22	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
3,3'-Dichlorobenzidine	ND		380	57	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
3-Nitroaniline	ND		380	27	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
4,6-Dinitro-2-methylphenol	ND		380	42	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
4-Bromophenyl phenyl ether	ND		190	33	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
4-Chloro-3-methylphenol	ND		190	40	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
4-Chloroaniline	ND		190	28	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
4-Chlorophenyl phenyl ether	ND		190	41	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
4-Methylphenol	ND		380	35	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
4-Nitroaniline	ND		380	28	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
4-Nitrophenol	ND		380	53	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Acenaphthene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Acenaphthylene	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Acetophenone	ND		190	34	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Anthracene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Atrazine	ND		190	65	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Benzaldehyde	ND		190	150	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Benzo[a]anthracene	ND		190	27	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Benzo[a]pyrene	ND		190	33	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Benzo[b]fluoranthene	ND		190	26	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Benzo[g,h,i]perylene	ND		190	34	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Benzo[k]fluoranthene	ND		190	43	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Bis(2-chloroethoxy)methane	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Bis(2-chloroethyl)ether	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Bis(2-ethylhexyl) phthalate	**63**	**J**	190	42	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Butyl benzyl phthalate	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Caprolactam	ND		190	45	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Carbazole	ND		190	38	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Chrysene	ND		190	47	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Dibenz(a,h)anthracene	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Di-n-butyl phthalate	**57**	**J**	190	43	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Di-n-octyl phthalate	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Dibenzofuran	ND		190	34	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Diethyl phthalate	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Dimethyl phthalate	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Fluoranthene	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Fluorene	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Hexachlorobenzene	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Hexachlorobutadiene	ND		190	29	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Hexachlorocyclopentadiene	ND		380	85	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Indeno[1,2,3-cd]pyrene	ND		190	29	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Isophorone	ND		190	40	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
N-Nitrosodi-n-propylamine	ND		190	43	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
N-Nitrosodiphenylamine	ND		190	32	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Naphthalene	ND		190	32	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Nitrobenzene	ND		190	33	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Pentachlorophenol	ND		380	62	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Phenanthrene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Phenol	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1
Pyrene	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4600*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 06:27*	*07/07/26 16:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*78*		*22 - 120*	*07/02/26 06:27*	*07/07/26 16:16*	*1*
Phenol-d5 (Surr)	*74*		*23 - 120*	*07/02/26 06:27*	*07/07/26 16:16*	*1*
p-Terphenyl-d14 (Surr)	*74*		*28 - 124*	*07/02/26 06:27*	*07/07/26 16:16*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 140*	*07/02/26 06:27*	*07/07/26 16:16*	*1*
2-Fluorobiphenyl (Surr)	*78*		*29 - 120*	*07/02/26 06:27*	*07/07/26 16:16*	*1*
2-Fluorophenol (Surr)	*75*		*18 - 120*	*07/02/26 06:27*	*07/07/26 16:16*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.9	0.76	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
4,4'-DDE	ND		3.9	0.82	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
4,4'-DDT	ND		3.9	0.92	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
beta-BHC	ND		3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
cis-Chlordane	ND		3.9	1.9	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
alpha-BHC	ND		3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
Aldrin	ND		3.9	0.96	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
delta-BHC	ND		3.9	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
Dieldrin	ND		3.9	0.94	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
Endosulfan I	ND		3.9	0.75	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
Endosulfan II	ND		3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
Endosulfan sulfate	ND		3.9	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
Endrin	ND		3.9	0.77	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
Endrin aldehyde	ND		3.9	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
Endrin ketone	ND		3.9	0.96	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
gamma-BHC (Lindane)	ND		3.9	0.72	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
trans-Chlordane	ND		3.9	1.2	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
Heptachlor	ND		3.9	0.85	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
Heptachlor epoxide	ND		3.9	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
Methoxychlor	ND		3.9	0.80	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1
Toxaphene	ND		39	23	ug/Kg	☼	07/01/26 13:26	07/02/26 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*45 - 120*	*07/01/26 13:26*	*07/02/26 15:59*	*1*
DCB Decachlorobiphenyl	*87*		*45 - 120*	*07/01/26 13:26*	*07/02/26 15:59*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*97*		*30 - 124*	*07/01/26 13:26*	*07/02/26 15:59*	*1*
Tetrachloro-m-xylene	*90*		*30 - 124*	*07/01/26 13:26*	*07/02/26 15:59*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.054	mg/Kg	☼	07/02/26 08:41	07/06/26 14:49	1
PCB-1221	ND		0.27	0.054	mg/Kg	☼	07/02/26 08:41	07/06/26 14:49	1
PCB-1232	ND		0.27	0.054	mg/Kg	☼	07/02/26 08:41	07/06/26 14:49	1
PCB-1242	ND		0.27	0.054	mg/Kg	☼	07/02/26 08:41	07/06/26 14:49	1
PCB-1248	ND		0.27	0.054	mg/Kg	☼	07/02/26 08:41	07/06/26 14:49	1
PCB-1254	ND		0.27	0.13	mg/Kg	☼	07/02/26 08:41	07/06/26 14:49	1
PCB-1260	ND		0.27	0.13	mg/Kg	☼	07/02/26 08:41	07/06/26 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 154*	*07/02/26 08:41*	*07/06/26 14:49*	*1*
Tetrachloro-m-xylene	*92*		*60 - 154*	*07/02/26 08:41*	*07/06/26 14:49*	*1*
DCB Decachlorobiphenyl	*91*		*65 - 174*	*07/02/26 08:41*	*07/06/26 14:49*	*1*
DCB Decachlorobiphenyl	*77*		*65 - 174*	*07/02/26 08:41*	*07/06/26 14:49*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluorooctanesulfonamide (PFOSA)	**0.10**	**J**	0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 14:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*79.5*		*8 - 130*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C5 PFPeA	*85.1*		*35 - 130*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C5 PFHxA	*75.8*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C4 PFHpA	*82.8*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C8 PFOA	*76.8*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C9 PFNA	*76.3*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C6 PFDA	*79.9*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C7 PFUnA	*77.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C2 PFTeDA	*61.9*		*20 - 130*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C3 PFBS	*73.7*		*40 - 135*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C3 PFHxS	*73.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C8 PFOS	*70.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C8 FOSA	*61.9*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
d3-NMeFOSAA	*60.0*		*40 - 135*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
d5-NEtFOSAA	*58.7*		*40 - 150*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C2 4:2 FTS	*67.4*		*40 - 165*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C2 6:2 FTS	*66.0*		*40 - 215*	*07/06/26 07:31*	*07/12/26 14:44*	*1*
13C2 8:2 FTS	*65.0*		*40 - 275*	*07/06/26 07:31*	*07/12/26 14:44*	*1*

Client Sample ID: TT-5 4-6'

Lab Sample ID: 480-240036-12
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	73.7		40 - 130	07/06/26 07:31	07/12/26 14:44	1
d7-N-MeFOSE-M	44.6		20 - 130	07/06/26 07:31	07/12/26 14:44	1
d9-N-EtFOSE-M	41.2		15 - 130	07/06/26 07:31	07/12/26 14:44	1
d5-NEtPFOSA	45.8		10 - 130	07/06/26 07:31	07/12/26 14:44	1
d3-NMePFOSA	55.9		10 - 130	07/06/26 07:31	07/12/26 14:44	1
13C2 PFDoA	67.1		40 - 130	07/06/26 07:31	07/12/26 14:44	1
13C3-PFDoS	50.4		20 - 150	07/06/26 07:31	07/12/26 14:44	1
13C3-3:3 FTCA	75.5		20 - 150	07/06/26 07:31	07/12/26 14:44	1
13C3-5:3 FTCA	73.4		20 - 150	07/06/26 07:31	07/12/26 14:44	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16000**		12.4	10.7	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Antimony	ND		18.7	0.66	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Arsenic	**2.8**		2.5	1.1	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Barium	**96.5**		0.62	0.17	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Beryllium	**0.63**		0.25	0.050	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Cadmium	**0.22**	**J**	0.25	0.087	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Calcium	**69300**		62.2	33.6	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Chromium	**18.2**		0.62	0.45	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Cobalt	**8.6**		0.62	0.12	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Copper	**14.3**		1.2	0.71	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Iron	**17800**		12.4	10.6	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Lead	**10.6**		1.2	0.57	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Magnesium	**28600**		24.9	10.6	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Manganese	**469**		1.2	0.35	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Nickel	**16.3**		6.2	0.31	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Potassium	**5480**		37.3	30.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Selenium	ND		5.0	1.0	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Silver	ND	^5+	0.75	0.25	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Sodium	**328**		174	76.3	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Thallium	ND		7.5	0.95	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Vanadium	**29.3**		0.62	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1
Zinc	**64.8**		2.5	1.3	mg/Kg	☼	07/01/26 16:08	07/02/26 19:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0099**	**J**	0.023	0.0053	mg/Kg	☼	07/07/26 11:43	07/07/26 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.55	mg/Kg	☼	07/07/26 13:40	07/07/26 16:31	1

Client Sample ID: TT-5 4-6' DUP

Lab Sample ID: 480-240036-13
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
1,1-Dichloroethane	ND	vs	5.7	0.69	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
1,1-Dichloroethene	ND	vs	5.7	0.69	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
1,2-Dichlorobenzene	ND	vs	5.7	0.44	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
1,2-Dichloroethane	ND	vs	5.7	0.28	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
1,2-Dichloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
1,4-Dichlorobenzene	ND	vs	5.7	0.79	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
2-Butanone (MEK)	ND	vs	28	2.1	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Acetone	**8.2**	**J B vs**	28	4.8	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Bromoform	ND	vs	5.7	2.8	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Carbon disulfide	ND	vs	5.7	2.8	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Chloroform	**0.94**	**J B vs**	5.7	0.35	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Chloromethane	ND	vs	5.7	0.34	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Cyclohexane	ND	vs	5.7	0.79	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Bromodichloromethane	ND	vs	5.7	0.76	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Isopropylbenzene	ND	vs	5.7	0.86	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Methylcyclohexane	ND	vs	5.7	0.86	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Tetrachloroethene	ND	vs	5.7	0.76	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Toluene	ND	vs	5.7	0.43	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Trichloroethene	ND	vs	5.7	1.2	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Vinyl chloride	ND	vs	5.7	0.69	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Xylenes, Total	ND	vs	11	0.95	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1
Styrene	ND	vs	5.7	0.28	ug/Kg	☼	07/02/26 18:26	07/03/26 04:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:26*	*07/03/26 04:46*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*07/02/26 18:26*	*07/03/26 04:46*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*07/02/26 18:26*	*07/03/26 04:46*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*07/02/26 18:26*	*07/03/26 04:46*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*07/02/26 18:26*	*07/03/26 04:46*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
bis (2-chloroisopropyl) ether	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2,4,5-Trichlorophenol	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2,4,6-Trichlorophenol	ND		190	29	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2,4-Dichlorophenol	ND		190	38	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2,4-Dimethylphenol	ND		190	40	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2,4-Dinitrotoluene	ND		190	26	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2,6-Dinitrotoluene	ND		190	27	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2-Chloronaphthalene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
1,4-Dioxane	ND		110	42	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2-Chlorophenol	ND		190	30	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2-Methylphenol	ND		190	31	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2-Methylnaphthalene	ND		190	30	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2-Nitroaniline	ND		370	33	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
2-Nitrophenol	ND		190	22	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
3,3'-Dichlorobenzidine	ND		370	56	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
3-Nitroaniline	ND		370	27	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
4,6-Dinitro-2-methylphenol	ND		370	42	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
4-Bromophenyl phenyl ether	ND		190	33	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
4-Chloro-3-methylphenol	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
4-Chloroaniline	ND		190	28	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
4-Chlorophenyl phenyl ether	ND		190	40	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
4-Methylphenol	ND		370	34	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
4-Nitroaniline	ND		370	28	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
4-Nitrophenol	ND		370	52	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Acenaphthene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Acenaphthylene	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Acetophenone	ND		190	34	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Anthracene	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Atrazine	ND		190	65	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Benzaldehyde	ND		190	150	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Benzo[a]anthracene	ND		190	26	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Benzo[a]pyrene	ND		190	33	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Benzo[b]fluoranthene	ND		190	26	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Benzo[g,h,i]perylene	ND		190	33	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Benzo[k]fluoranthene	ND		190	43	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Bis(2-chloroethoxy)methane	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Bis(2-chloroethyl)ether	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Bis(2-ethylhexyl) phthalate	ND		190	42	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Butyl benzyl phthalate	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Caprolactam	ND		190	44	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Carbazole	ND		190	38	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		190	46	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Dibenz(a,h)anthracene	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Di-n-butyl phthalate	ND		190	43	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Di-n-octyl phthalate	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Dibenzofuran	ND		190	34	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Diethyl phthalate	ND		190	34	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Dimethyl phthalate	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Fluoranthene	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Fluorene	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Hexachlorobenzene	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Hexachlorobutadiene	ND		190	29	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Hexachlorocyclopentadiene	ND		370	84	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Hexachloroethane	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Indeno[1,2,3-cd]pyrene	ND		190	29	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Isophorone	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
N-Nitrosodi-n-propylamine	ND		190	43	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
N-Nitrosodiphenylamine	ND		190	32	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Naphthalene	ND		190	32	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Nitrobenzene	ND		190	32	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Pentachlorophenol	ND		370	61	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Phenanthrene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Phenol	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1
Pyrene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 16:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5200*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/02/26 06:27*	*07/07/26 16:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*88*		*22 - 120*	*07/02/26 06:27*	*07/07/26 16:40*	*1*
Phenol-d5 (Surr)	*81*		*23 - 120*	*07/02/26 06:27*	*07/07/26 16:40*	*1*
p-Terphenyl-d14 (Surr)	*89*		*28 - 124*	*07/02/26 06:27*	*07/07/26 16:40*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 140*	*07/02/26 06:27*	*07/07/26 16:40*	*1*
2-Fluorobiphenyl (Surr)	*94*		*29 - 120*	*07/02/26 06:27*	*07/07/26 16:40*	*1*
2-Fluorophenol (Surr)	*79*		*18 - 120*	*07/02/26 06:27*	*07/07/26 16:40*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.9	0.76	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
4,4'-DDE	ND		3.9	0.82	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
4,4'-DDT	ND		3.9	0.91	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
beta-BHC	ND		3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
cis-Chlordane	ND		3.9	1.9	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
alpha-BHC	ND		3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
Aldrin	ND		3.9	0.96	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
delta-BHC	ND		3.9	0.72	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
Dieldrin	ND		3.9	0.94	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
Endosulfan I	ND		3.9	0.75	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
Endosulfan II	ND		3.9	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
Endosulfan sulfate	ND		3.9	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
Endrin	ND		3.9	0.77	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		3.9	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
Endrin ketone	ND		3.9	0.96	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
gamma-BHC (Lindane)	ND		3.9	0.72	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
trans-Chlordane	ND		3.9	1.2	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
Heptachlor	ND		3.9	0.84	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
Heptachlor epoxide	ND		3.9	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
Methoxychlor	ND		3.9	0.79	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1
Toxaphene	ND		39	23	ug/Kg	☼	07/01/26 13:26	07/02/26 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*79*		*45 - 120*	*07/01/26 13:26*	*07/02/26 16:19*	*1*
DCB Decachlorobiphenyl	*82*		*45 - 120*	*07/01/26 13:26*	*07/02/26 16:19*	*1*
Tetrachloro-m-xylene	*111*		*30 - 124*	*07/01/26 13:26*	*07/02/26 16:19*	*1*
Tetrachloro-m-xylene	*99*		*30 - 124*	*07/01/26 13:26*	*07/02/26 16:19*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.055	mg/Kg	☼	07/02/26 08:41	07/06/26 15:08	1
PCB-1221	ND		0.28	0.055	mg/Kg	☼	07/02/26 08:41	07/06/26 15:08	1
PCB-1232	ND		0.28	0.055	mg/Kg	☼	07/02/26 08:41	07/06/26 15:08	1
PCB-1242	ND		0.28	0.055	mg/Kg	☼	07/02/26 08:41	07/06/26 15:08	1
PCB-1248	ND		0.28	0.055	mg/Kg	☼	07/02/26 08:41	07/06/26 15:08	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	07/02/26 08:41	07/06/26 15:08	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	07/02/26 08:41	07/06/26 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*		*60 - 154*	*07/02/26 08:41*	*07/06/26 15:08*	*1*
Tetrachloro-m-xylene	*89*		*60 - 154*	*07/02/26 08:41*	*07/06/26 15:08*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*07/02/26 08:41*	*07/06/26 15:08*	*1*
DCB Decachlorobiphenyl	*75*		*65 - 174*	*07/02/26 08:41*	*07/06/26 15:08*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/06/26 07:31	07/12/26 14:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*76.7*		*8 - 130*	*07/06/26 07:31*	*07/12/26 14:58*	*1*
13C5 PFPeA	*86.6*		*35 - 130*	*07/06/26 07:31*	*07/12/26 14:58*	*1*
13C5 PFHxA	*82.3*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:58*	*1*
13C4 PFHpA	*85.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:58*	*1*
13C8 PFOA	*80.6*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:58*	*1*
13C9 PFNA	*83.9*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:58*	*1*
13C6 PFDA	*79.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:58*	*1*
13C7 PFUnA	*77.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 14:58*	*1*

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13

Date Collected: 06/30/26 13:00
Matrix: Solid

Date Received: 06/30/26 15:45
Percent Solids: 85.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	62.6		20 - 130	07/06/26 07:31	07/12/26 14:58	1
13C3 PFBS	77.0		40 - 135	07/06/26 07:31	07/12/26 14:58	1
13C3 PFHxS	76.2		40 - 130	07/06/26 07:31	07/12/26 14:58	1
13C8 PFOS	73.9		40 - 130	07/06/26 07:31	07/12/26 14:58	1
13C8 FOSA	63.6		40 - 130	07/06/26 07:31	07/12/26 14:58	1
d3-NMeFOSAA	61.6		40 - 135	07/06/26 07:31	07/12/26 14:58	1
d5-NEtFOSAA	59.4		40 - 150	07/06/26 07:31	07/12/26 14:58	1
13C2 4:2 FTS	68.2		40 - 165	07/06/26 07:31	07/12/26 14:58	1
13C2 6:2 FTS	71.2		40 - 215	07/06/26 07:31	07/12/26 14:58	1
13C2 8:2 FTS	68.3		40 - 275	07/06/26 07:31	07/12/26 14:58	1
13C3 HFPO-DA	77.2		40 - 130	07/06/26 07:31	07/12/26 14:58	1
d7-N-MeFOSE-M	34.0		20 - 130	07/06/26 07:31	07/12/26 14:58	1
d9-N-EtFOSE-M	30.8		15 - 130	07/06/26 07:31	07/12/26 14:58	1
d5-NEtPFOSA	46.9		10 - 130	07/06/26 07:31	07/12/26 14:58	1
d3-NMePFOSA	54.5		10 - 130	07/06/26 07:31	07/12/26 14:58	1
13C2 PFDoA	67.1		40 - 130	07/06/26 07:31	07/12/26 14:58	1
13C3-PFDoS	50.6		20 - 150	07/06/26 07:31	07/12/26 14:58	1
13C3-3:3 FTCA	81.1		20 - 150	07/06/26 07:31	07/12/26 14:58	1
13C3-5:3 FTCA	70.1		20 - 150	07/06/26 07:31	07/12/26 14:58	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13300**		11.2	9.6	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Antimony	ND		16.8	0.59	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Arsenic	**3.1**		2.2	0.98	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Barium	**80.4**		0.56	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Beryllium	**0.54**		0.22	0.045	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Cadmium	**0.22**		0.22	0.078	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Calcium	**72400**		55.9	30.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Chromium	**15.8**		0.56	0.40	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Cobalt	**7.5**		0.56	0.11	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Copper	**15.1**		1.1	0.64	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Iron	**16800**		11.2	9.5	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Lead	**14.1**		1.1	0.51	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Magnesium	**32400**		22.4	9.5	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Manganese	**438**		1.1	0.31	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Nickel	**13.6**		5.6	0.28	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Potassium	**4440**		33.6	27.1	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Selenium	ND		4.5	0.90	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Silver	ND	^5+	0.67	0.22	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Sodium	**322**		157	68.6	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Thallium	ND		6.7	0.85	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Vanadium	**27.0**		0.56	0.15	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1
Zinc	**62.4**		2.2	1.1	mg/Kg	☼	07/01/26 16:08	07/02/26 19:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.015**	**J**	0.024	0.0054	mg/Kg	☼	07/07/26 11:43	07/07/26 16:37	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-5 4-6' DUP

Lab Sample ID: 480-240036-13
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.0	0.50	mg/Kg	☼	07/07/26 13:40	07/07/26 16:32	1

Client Sample ID: TT-6 1-3'

Lab Sample ID: 480-240036-14
Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.93	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,1-Dichloroethane	ND	vs	5.7	0.70	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,2-Dichlorobenzene	ND	vs	5.7	0.45	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,2-Dichloropropane	ND	vs	5.7	2.9	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,4-Dichlorobenzene	ND	vs	5.7	0.80	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Acetone	**5.1**	**J B vs**	29	4.8	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Bromoform	ND	vs	5.7	2.9	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Carbon disulfide	ND	vs	5.7	2.9	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Chloroform	**0.82**	**J B vs**	5.7	0.35	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Chloromethane	ND	vs	5.7	0.35	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Cyclohexane	ND	vs	5.7	0.80	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Bromodichloromethane	ND	vs	5.7	0.77	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Isopropylbenzene	ND	vs	5.7	0.86	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Methylcyclohexane	ND	vs	5.7	0.87	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Tetrachloroethene	ND	vs	5.7	0.77	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Toluene	ND	vs	5.7	0.43	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1

Client Sample ID: TT-6 1-3'
Lab Sample ID: 480-240036-14
Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	vs	5.7	1.3	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Vinyl chloride	ND	vs	5.7	0.70	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Xylenes, Total	ND	vs	11	0.96	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1
Styrene	ND	vs	5.7	0.29	ug/Kg	☼	07/02/26 18:26	07/03/26 05:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:26*	*07/03/26 05:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*	*07/02/26 18:26*	*07/03/26 05:09*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*07/02/26 18:26*	*07/03/26 05:09*	*1*
Toluene-d8 (Surr)	*108*		*71 - 125*	*07/02/26 18:26*	*07/03/26 05:09*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*07/02/26 18:26*	*07/03/26 05:09*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
bis (2-chloroisopropyl) ether	ND		1900	390	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2,4,5-Trichlorophenol	ND		1900	380	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2,4,6-Trichlorophenol	ND		1900	290	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2,4-Dichlorophenol	ND		1900	370	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2,4-Dimethylphenol	ND		1900	400	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2,4-Dinitrophenol	ND		19000	360	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2,4-Dinitrotoluene	ND		1900	260	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2,6-Dinitrotoluene	ND		1900	270	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2-Chloronaphthalene	ND		1900	350	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
1,4-Dioxane	ND		1100	420	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2-Chlorophenol	ND		1900	300	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2-Methylphenol	ND		1900	310	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2-Methylnaphthalene	ND		1900	300	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2-Nitroaniline	ND		3700	320	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
2-Nitrophenol	ND		1900	220	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
3,3'-Dichlorobenzidine	ND		3700	550	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
3-Nitroaniline	ND		3700	270	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
4,6-Dinitro-2-methylphenol	ND		3700	420	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
4-Bromophenyl phenyl ether	ND		1900	320	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
4-Chloro-3-methylphenol	ND		1900	390	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
4-Chloroaniline	ND		1900	270	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
4-Chlorophenyl phenyl ether	ND		1900	400	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
4-Methylphenol	ND		3700	340	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
4-Nitroaniline	ND		3700	280	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
4-Nitrophenol	ND		3700	520	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Acenaphthene	ND		1900	350	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Acenaphthylene	ND		1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Acetophenone	ND		1900	330	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Anthracene	ND		1900	350	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Atrazine	ND		1900	640	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Benzaldehyde	ND		1900	1400	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-6 1-3'
Lab Sample ID: 480-240036-14
Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	1000	J	1900	260	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Benzo[a]pyrene	1300	J	1900	320	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Benzo[b]fluoranthene	1500	J	1900	250	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Benzo[g,h,i]perylene	760	J	1900	330	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Benzo[k]fluoranthene	780	J	1900	420	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Bis(2-chloroethoxy)methane	ND		1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Bis(2-chloroethyl)ether	ND		1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Bis(2-ethylhexyl) phthalate	ND		1900	410	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Butyl benzyl phthalate	ND		1900	350	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Caprolactam	ND		1900	440	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Carbazole	ND		1900	370	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Chrysene	1100	J	1900	460	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Dibenz(a,h)anthracene	ND		1900	380	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Di-n-butyl phthalate	ND		1900	420	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Di-n-octyl phthalate	ND		1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Dibenzofuran	ND		1900	330	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Diethyl phthalate	ND		1900	340	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Dimethyl phthalate	ND		1900	370	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Fluoranthene	2000		1900	340	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Fluorene	ND		1900	350	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Hexachlorobenzene	ND		1900	370	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Hexachlorobutadiene	ND		1900	280	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Hexachlorocyclopentadiene	ND		3700	830	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Hexachloroethane	ND		1900	350	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Indeno[1,2,3-cd]pyrene	760	J	1900	280	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Isophorone	ND		1900	390	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
N-Nitrosodi-n-propylamine	ND		1900	420	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
N-Nitrosodiphenylamine	ND		1900	320	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Naphthalene	ND		1900	310	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Nitrobenzene	ND		1900	320	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Pentachlorophenol	ND		3700	600	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Phenanthrene	840	J	1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Phenol	ND		1900	340	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10
Pyrene	1500	J	1900	360	ug/Kg	☼	07/02/26 06:27	07/07/26 17:04	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4500*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/02/26 06:27*	*07/07/26 17:04*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*84*		*22 - 120*	*07/02/26 06:27*	*07/07/26 17:04*	*10*
Phenol-d5 (Surr)	*82*		*23 - 120*	*07/02/26 06:27*	*07/07/26 17:04*	*10*
p-Terphenyl-d14 (Surr)	*73*		*28 - 124*	*07/02/26 06:27*	*07/07/26 17:04*	*10*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 140*	*07/02/26 06:27*	*07/07/26 17:04*	*10*
2-Fluorobiphenyl (Surr)	*75*		*29 - 120*	*07/02/26 06:27*	*07/07/26 17:04*	*10*
2-Fluorophenol (Surr)	*82*		*18 - 120*	*07/02/26 06:27*	*07/07/26 17:04*	*10*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		77	15	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
4,4'-DDE	ND		77	16	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-6 1-3'
Lab Sample ID: 480-240036-14
Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		77	18	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
beta-BHC	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
cis-Chlordane	ND		77	38	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
alpha-BHC	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
Aldrin	ND		77	19	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
delta-BHC	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
Dieldrin	ND		77	18	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
Endosulfan I	ND		77	15	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
Endosulfan II	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
Endosulfan sulfate	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
Endrin	ND		77	15	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
Endrin aldehyde	ND		77	20	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
Endrin ketone	ND		77	19	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
gamma-BHC (Lindane)	ND		77	14	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
trans-Chlordane	ND		77	24	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
Heptachlor	ND		77	17	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
Heptachlor epoxide	ND		77	20	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
Methoxychlor	**21**	**J**	77	16	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20
Toxaphene	ND		770	450	ug/Kg	☼	07/01/26 13:26	07/02/26 16:38	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*124*	*S1+*	*45 - 120*	*07/01/26 13:26*	*07/02/26 16:38*	*20*
DCB Decachlorobiphenyl	*237*	*S1+*	*45 - 120*	*07/01/26 13:26*	*07/02/26 16:38*	*20*
Tetrachloro-m-xylene	*175*	*S1+*	*30 - 124*	*07/01/26 13:26*	*07/02/26 16:38*	*20*
Tetrachloro-m-xylene	*113*		*30 - 124*	*07/01/26 13:26*	*07/02/26 16:38*	*20*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	07/02/26 08:41	07/06/26 15:26	1
PCB-1221	ND		0.26	0.051	mg/Kg	☼	07/02/26 08:41	07/06/26 15:26	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	07/02/26 08:41	07/06/26 15:26	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	07/02/26 08:41	07/06/26 15:26	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	07/02/26 08:41	07/06/26 15:26	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	07/02/26 08:41	07/06/26 15:26	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	07/02/26 08:41	07/06/26 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*60 - 154*	*07/02/26 08:41*	*07/06/26 15:26*	*1*
Tetrachloro-m-xylene	*89*		*60 - 154*	*07/02/26 08:41*	*07/06/26 15:26*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*07/02/26 08:41*	*07/06/26 15:26*	*1*
DCB Decachlorobiphenyl	*75*		*65 - 174*	*07/02/26 08:41*	*07/06/26 15:26*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorooctanoic acid (PFOA)	**0.062**	**J**	0.20	0.059	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-6 1-3'
Lab Sample ID: 480-240036-14
Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1

Client Sample ID: TT-6 1-3'
Lab Sample ID: 480-240036-14
Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/06/26 07:31	07/12/26 15:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*56.0*		*8 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C5 PFPeA	*60.6*		*35 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C5 PFHxA	*58.3*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C4 PFHpA	*62.6*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C8 PFOA	*54.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C9 PFNA	*62.6*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C6 PFDA	*61.4*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C7 PFUnA	*64.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C2 PFTeDA	*50.4*		*20 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C3 PFBS	*52.9*		*40 - 135*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C3 PFHxS	*58.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C8 PFOS	*60.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C8 FOSA	*47.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
d3-NMeFOSAA	*48.3*		*40 - 135*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
d5-NEtFOSAA	*49.7*		*40 - 150*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C2 4:2 FTS	*44.6*		*40 - 165*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C2 6:2 FTS	*46.7*		*40 - 215*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C2 8:2 FTS	*46.9*		*40 - 275*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C3 HFPO-DA	*54.3*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
d7-N-MeFOSE-M	*33.1*		*20 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
d9-N-EtFOSE-M	*32.4*		*15 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
d5-NEtPFOSA	*39.4*		*10 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
d3-NMePFOSA	*45.2*		*10 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C2 PFDoA	*57.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C3-PFDoS	*42.6*		*20 - 150*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C3-3:3 FTCA	*54.1*		*20 - 150*	*07/06/26 07:31*	*07/12/26 15:11*	*1*
13C3-5:3 FTCA	*51.0*		*20 - 150*	*07/06/26 07:31*	*07/12/26 15:11*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16300**		11.7	10.1	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Antimony	ND		17.5	0.62	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Arsenic	**7.1**		2.3	1.0	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Barium	**169**		0.58	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Beryllium	**0.69**		0.23	0.047	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Cadmium	**0.58**		0.23	0.082	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Calcium	**74900**		58.5	31.6	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Chromium	**20.9**		0.58	0.42	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Cobalt	**10.6**		0.58	0.12	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Copper	**27.4**		1.2	0.67	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Iron	**22100**		11.7	9.9	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Lead	**436**		1.2	0.54	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Magnesium	**10900**		23.4	9.9	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Manganese	**508**		1.2	0.33	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Nickel	**18.7**		5.8	0.29	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Potassium	**3520**		35.1	28.4	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Selenium	ND		4.7	0.94	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1

Client Sample ID: TT-6 1-3'
Lab Sample ID: 480-240036-14

Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5+	0.70	0.23	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Sodium	**206**		164	71.7	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Thallium	ND		7.0	0.89	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Vanadium	**32.7**		0.58	0.15	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1
Zinc	**195**		2.3	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.51**		0.024	0.0055	mg/Kg	☼	07/07/26 11:43	07/07/26 16:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.2	0.56	mg/Kg	☼	07/07/26 13:40	07/07/26 16:34	1

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15

Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.8

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,1-Dichloroethane	ND	vs	5.7	0.69	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,2-Dichlorobenzene	ND	vs	5.7	0.44	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,2-Dichloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,4-Dichlorobenzene	ND	vs	5.7	0.80	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
2-Butanone (MEK)	ND	vs	28	2.1	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Acetone	**7.1**	**J B vs**	28	4.8	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Bromoform	ND	vs	5.7	2.8	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Carbon disulfide	ND	vs	5.7	2.8	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Chloroform	**0.88**	**J B vs**	5.7	0.35	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Chloromethane	ND	vs	5.7	0.34	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Cyclohexane	ND	vs	5.7	0.80	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Bromodichloromethane	ND	vs	5.7	0.76	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15
Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.8

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Isopropylbenzene	ND	vs	5.7	0.86	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Methylcyclohexane	ND	vs	5.7	0.86	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Tetrachloroethene	ND	vs	5.7	0.76	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Toluene	ND	vs	5.7	0.43	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Trichloroethene	ND	vs	5.7	1.2	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Vinyl chloride	ND	vs	5.7	0.69	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Xylenes, Total	ND	vs	11	0.95	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1
Styrene	ND	vs	5.7	0.28	ug/Kg	☼	07/02/26 18:26	07/03/26 05:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*8.1*	*T J*	*ug/Kg*	☼	*12.88*	*N/A*	*07/02/26 18:26*	*07/03/26 05:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*07/02/26 18:26*	*07/03/26 05:31*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*07/02/26 18:26*	*07/03/26 05:31*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*07/02/26 18:26*	*07/03/26 05:31*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*07/02/26 18:26*	*07/03/26 05:31*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
bis (2-chloroisopropyl) ether	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2,4,5-Trichlorophenol	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2,4,6-Trichlorophenol	ND		190	29	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2,4-Dichlorophenol	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2,4-Dimethylphenol	ND		190	40	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2,4-Dinitrophenol	ND		1900	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2,4-Dinitrotoluene	ND		190	26	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2,6-Dinitrotoluene	ND		190	27	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2-Chloronaphthalene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
1,4-Dioxane	ND		110	42	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2-Chlorophenol	ND		190	30	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2-Methylphenol	ND		190	31	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2-Methylnaphthalene	ND		190	30	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2-Nitroaniline	ND		370	33	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
2-Nitrophenol	ND		190	22	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
3,3'-Dichlorobenzidine	ND		370	56	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
3-Nitroaniline	ND		370	27	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
4,6-Dinitro-2-methylphenol	ND		370	42	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
4-Bromophenyl phenyl ether	ND		190	33	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15
Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
4-Chloroaniline	ND		190	28	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
4-Chlorophenyl phenyl ether	ND		190	40	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
4-Methylphenol	ND		370	34	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
4-Nitroaniline	ND		370	28	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
4-Nitrophenol	ND		370	52	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Acenaphthene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Acenaphthylene	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Acetophenone	ND		190	34	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Anthracene	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Atrazine	ND		190	65	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Benzaldehyde	ND		190	150	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Benzo[a]anthracene	ND		190	26	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Benzo[a]pyrene	ND		190	33	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Benzo[b]fluoranthene	ND		190	26	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Benzo[g,h,i]perylene	ND		190	33	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Benzo[k]fluoranthene	ND		190	43	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Bis(2-chloroethoxy)methane	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Bis(2-chloroethyl)ether	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Bis(2-ethylhexyl) phthalate	**72**	**J**	190	42	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Butyl benzyl phthalate	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Caprolactam	ND		190	44	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Carbazole	ND		190	38	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Chrysene	ND		190	46	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Dibenz(a,h)anthracene	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Di-n-butyl phthalate	**59**	**J**	190	43	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Di-n-octyl phthalate	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Dibenzofuran	ND		190	34	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Diethyl phthalate	ND		190	34	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Dimethyl phthalate	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Fluoranthene	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Fluorene	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Hexachlorobenzene	ND		190	37	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Hexachlorobutadiene	ND		190	29	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Hexachlorocyclopentadiene	ND		370	84	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Hexachloroethane	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Indeno[1,2,3-cd]pyrene	ND		190	29	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Isophorone	ND		190	39	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
N-Nitrosodi-n-propylamine	ND		190	43	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
N-Nitrosodiphenylamine	ND		190	32	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Naphthalene	ND		190	32	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Nitrobenzene	ND		190	32	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Pentachlorophenol	ND		370	61	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Phenanthrene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Phenol	ND		190	35	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1
Pyrene	ND		190	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*7300*	*T J*	*ug/Kg*	☼	*1.99*	*N/A*	*07/02/26 06:27*	*07/07/26 17:28*	*1*
Unknown	*5200*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/02/26 06:27*	*07/07/26 17:28*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15
Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	89		22 - 120	07/02/26 06:27	07/07/26 17:28	1
Phenol-d5 (Surr)	80		23 - 120	07/02/26 06:27	07/07/26 17:28	1
p-Terphenyl-d14 (Surr)	91		28 - 124	07/02/26 06:27	07/07/26 17:28	1
2,4,6-Tribromophenol (Surr)	85		10 - 140	07/02/26 06:27	07/07/26 17:28	1
2-Fluorobiphenyl (Surr)	92		29 - 120	07/02/26 06:27	07/07/26 17:28	1
2-Fluorophenol (Surr)	80		18 - 120	07/02/26 06:27	07/07/26 17:28	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.8	0.74	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
4,4'-DDE	ND		3.8	0.80	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
4,4'-DDT	ND		3.8	0.90	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
beta-BHC	ND		3.8	0.69	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
cis-Chlordane	ND		3.8	1.9	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
alpha-BHC	ND		3.8	0.69	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
Aldrin	ND		3.8	0.94	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
delta-BHC	ND		3.8	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
Dieldrin	ND		3.8	0.92	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
Endosulfan I	ND		3.8	0.73	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
Endosulfan II	ND		3.8	0.69	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
Endosulfan sulfate	ND		3.8	0.71	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
Endrin	ND		3.8	0.76	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
Endrin aldehyde	ND		3.8	0.98	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
Endrin ketone	ND		3.8	0.94	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
gamma-BHC (Lindane)	ND		3.8	0.70	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
trans-Chlordane	ND		3.8	1.2	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
Heptachlor	ND		3.8	0.83	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
Heptachlor epoxide	ND		3.8	0.99	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
Methoxychlor	**3.5**	**J**	3.8	0.78	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1
Toxaphene	ND		38	22	ug/Kg	☼	07/01/26 13:26	07/02/26 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		45 - 120	07/01/26 13:26	07/02/26 16:58	1
DCB Decachlorobiphenyl	72		45 - 120	07/01/26 13:26	07/02/26 16:58	1
Tetrachloro-m-xylene	84		30 - 124	07/01/26 13:26	07/02/26 16:58	1
Tetrachloro-m-xylene	79		30 - 124	07/01/26 13:26	07/02/26 16:58	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.053	mg/Kg	☼	07/02/26 08:41	07/06/26 16:21	1
PCB-1221	ND		0.27	0.053	mg/Kg	☼	07/02/26 08:41	07/06/26 16:21	1
PCB-1232	ND		0.27	0.053	mg/Kg	☼	07/02/26 08:41	07/06/26 16:21	1
PCB-1242	ND		0.27	0.053	mg/Kg	☼	07/02/26 08:41	07/06/26 16:21	1
PCB-1248	ND		0.27	0.053	mg/Kg	☼	07/02/26 08:41	07/06/26 16:21	1
PCB-1254	ND		0.27	0.13	mg/Kg	☼	07/02/26 08:41	07/06/26 16:21	1
PCB-1260	ND		0.27	0.13	mg/Kg	☼	07/02/26 08:41	07/06/26 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		60 - 154	07/02/26 08:41	07/06/26 16:21	1
Tetrachloro-m-xylene	88		60 - 154	07/02/26 08:41	07/06/26 16:21	1
DCB Decachlorobiphenyl	79		65 - 174	07/02/26 08:41	07/06/26 16:21	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15
Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.8

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*69*		*65 - 174*	*07/02/26 08:41*	*07/06/26 16:21*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15
Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/06/26 07:31	07/12/26 15:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88.5*		*8 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C5 PFPeA	*97.0*		*35 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C5 PFHxA	*86.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C4 PFHpA	*92.3*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C8 PFOA	*84.8*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C9 PFNA	*81.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C6 PFDA	*68.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C7 PFUnA	*59.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C2 PFTeDA	*41.8*		*20 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C3 PFBS	*79.3*		*40 - 135*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C3 PFHxS	*75.8*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C8 PFOS	*64.1*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C8 FOSA	*58.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
d3-NMeFOSAA	*52.0*		*40 - 135*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
d5-NEtFOSAA	*47.4*		*40 - 150*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C2 4:2 FTS	*72.7*		*40 - 165*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C2 6:2 FTS	*71.2*		*40 - 215*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C2 8:2 FTS	*55.3*		*40 - 275*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C3 HFPO-DA	*84.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
d7-N-MeFOSE-M	*21.9*		*20 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
d9-N-EtFOSE-M	*17.0*		*15 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
d5-NEtPFOSA	*35.7*		*10 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
d3-NMePFOSA	*44.5*		*10 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C2 PFDoA	*49.6*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C3-PFDoS	*35.3*		*20 - 150*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C3-3:3 FTCA	*99.5*		*20 - 150*	*07/06/26 07:31*	*07/12/26 15:25*	*1*
13C3-5:3 FTCA	*80.4*		*20 - 150*	*07/06/26 07:31*	*07/12/26 15:25*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15000**		11.5	9.9	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Antimony	ND		17.2	0.61	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Arsenic	**3.6**		2.3	1.0	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Barium	**95.8**		0.57	0.16	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Beryllium	**0.61**		0.23	0.046	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Cadmium	**0.22**	**J**	0.23	0.080	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1

Client Sample ID: TT-6 4-6'

Lab Sample ID: 480-240036-15
Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**63500**		57.4	31.0	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Chromium	**18.4**		0.57	0.41	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Cobalt	**8.6**		0.57	0.11	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Copper	**15.3**		1.1	0.65	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Iron	**18500**		11.5	9.7	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Lead	**8.5**		1.1	0.53	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Magnesium	**26800**		23.0	9.7	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Manganese	**446**		1.1	0.32	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Nickel	**16.6**		5.7	0.29	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Potassium	**4790**		34.4	27.8	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Selenium	ND		4.6	0.92	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Silver	ND	^5+	0.69	0.23	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Sodium	**351**		161	70.4	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Thallium	ND		6.9	0.87	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Vanadium	**29.6**		0.57	0.15	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1
Zinc	**70.7**		2.3	1.2	mg/Kg	☼	07/01/26 16:08	07/02/26 19:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.018**	**J**	0.024	0.0055	mg/Kg	☼	07/07/26 11:43	07/07/26 16:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.53	mg/Kg	☼	07/07/26 13:40	07/07/26 16:35	1

Client Sample ID: RI-MW-3 20-25'

Lab Sample ID: 480-240036-16
Date Collected: 06/30/26 00:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 79.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.1	0.44	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,1,2,2-Tetrachloroethane	ND	vs	6.1	0.99	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.1	1.4	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,1,2-Trichloroethane	ND	vs	6.1	0.79	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,1-Dichloroethane	ND	vs	6.1	0.74	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,1-Dichloroethene	ND	vs	6.1	0.75	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,2,4-Trichlorobenzene	ND	vs	6.1	0.37	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.1	3.1	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,2-Dichlorobenzene	ND	vs	6.1	0.48	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,2-Dichloroethane	ND	vs	6.1	0.31	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,2-Dichloropropane	ND	vs	6.1	3.1	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,3-Dichlorobenzene	ND	vs	6.1	0.31	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,4-Dichlorobenzene	ND	vs	6.1	0.85	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
2-Butanone (MEK)	ND	vs	31	2.2	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
2-Hexanone	ND	vs	31	3.1	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Acetone	**18**	**J B vs**	31	5.1	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Benzene	ND	vs	6.1	0.30	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Bromoform	ND	vs	6.1	3.1	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16
Date Collected: 06/30/26 00:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 79.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND	vs	6.1	0.55	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Carbon disulfide	ND	vs	6.1	3.1	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Carbon tetrachloride	ND	vs	6.1	0.59	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Chlorobenzene	ND	vs	6.1	0.81	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Dibromochloromethane	ND	vs	6.1	0.78	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Chloroethane	ND	vs	6.1	1.4	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Chloroform	ND	vs	6.1	0.38	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Chloromethane	ND	vs	6.1	0.37	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
cis-1,2-Dichloroethene	ND	vs	6.1	0.78	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Cyclohexane	ND	vs	6.1	0.85	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Bromodichloromethane	ND	vs	6.1	0.82	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Dichlorodifluoromethane	ND	vs	6.1	0.50	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Ethylbenzene	ND	vs	6.1	0.42	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
1,2-Dibromoethane	ND	vs	6.1	0.78	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Isopropylbenzene	ND	vs	6.1	0.92	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Methyl acetate	ND	vs	31	3.7	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Methyl tert-butyl ether	ND	vs	6.1	0.60	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Methylcyclohexane	ND	vs	6.1	0.93	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Methylene Chloride	ND	vs	6.1	2.8	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Tetrachloroethene	ND	vs	6.1	0.82	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Toluene	ND	vs	6.1	0.46	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
trans-1,2-Dichloroethene	ND	vs	6.1	0.63	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
trans-1,3-Dichloropropene	ND	vs	6.1	2.7	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Trichloroethene	ND	vs	6.1	1.3	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Trichlorofluoromethane	ND	vs	6.1	0.58	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Vinyl chloride	ND	vs	6.1	0.74	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
cis-1,3-Dichloropropene	ND	vs	6.1	0.88	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1
Styrene	ND	vs	6.1	0.31	ug/Kg	☼	07/02/26 18:26	07/03/26 05:54	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/02/26 18:26*	*07/03/26 05:54*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*07/02/26 18:26*	*07/03/26 05:54*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*07/02/26 18:26*	*07/03/26 05:54*	*1*
Toluene-d8 (Surr)	*111*		*71 - 125*	*07/02/26 18:26*	*07/03/26 05:54*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*07/02/26 18:26*	*07/03/26 05:54*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
bis (2-chloroisopropyl) ether	ND		200	41	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
2,4,5-Trichlorophenol	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
2,4,6-Trichlorophenol	ND		200	30	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
2,4-Dichlorophenol	ND		200	39	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
2,4-Dimethylphenol	ND		200	42	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
2,4-Dinitrophenol	ND		2000	38	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
2,6-Dinitrotoluene	ND		200	29	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16
Date Collected: 06/30/26 00:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 79.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
1,4-Dioxane	ND		120	44	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
2-Chlorophenol	ND		200	31	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
2-Methylphenol	ND		200	32	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
2-Nitroaniline	ND		390	34	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
2-Nitrophenol	ND		200	23	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
3,3'-Dichlorobenzidine	ND		390	58	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
3-Nitroaniline	ND		390	28	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
4,6-Dinitro-2-methylphenol	ND		390	44	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
4-Bromophenyl phenyl ether	ND		200	34	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
4-Chloro-3-methylphenol	ND		200	41	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
4-Chloroaniline	ND		200	29	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
4-Chlorophenyl phenyl ether	ND		200	42	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
4-Methylphenol	ND		390	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
4-Nitroaniline	ND		390	29	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
4-Nitrophenol	ND		390	55	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Acenaphthene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Acenaphthylene	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Acetophenone	ND		200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Anthracene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Atrazine	ND		200	67	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Benzo[a]anthracene	ND		200	27	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Benzo[a]pyrene	ND		200	34	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Benzo[b]fluoranthene	**28**	**J**	200	27	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Benzo[g,h,i]perylene	ND		200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Benzo[k]fluoranthene	ND		200	45	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Bis(2-chloroethoxy)methane	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Bis(2-chloroethyl)ether	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Bis(2-ethylhexyl) phthalate	**72**	**J**	200	43	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Butyl benzyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Caprolactam	ND		200	46	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Carbazole	ND		200	39	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Chrysene	ND		200	48	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Dibenz(a,h)anthracene	ND		200	40	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Di-n-butyl phthalate	**58**	**J**	200	45	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Di-n-octyl phthalate	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Dibenzofuran	ND		200	35	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Diethyl phthalate	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Dimethyl phthalate	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Fluoranthene	**42**	**J**	200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Fluorene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Hexachlorobenzene	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Hexachlorobutadiene	ND		200	30	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Hexachlorocyclopentadiene	ND		390	87	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Hexachloroethane	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Indeno[1,2,3-cd]pyrene	ND		200	30	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Isophorone	ND		200	41	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16
Date Collected: 06/30/26 00:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 79.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		200	45	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
N-Nitrosodiphenylamine	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Naphthalene	ND		200	33	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Nitrobenzene	ND		200	34	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Pentachlorophenol	ND		390	64	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Phenanthrene	ND		200	37	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Phenol	ND		200	36	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1
Pyrene	ND		200	38	ug/Kg	☼	07/02/26 06:27	07/07/26 17:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5100*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 06:27*	*07/07/26 17:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*92*		*22 - 120*	*07/02/26 06:27*	*07/07/26 17:52*	*1*
Phenol-d5 (Surr)	*83*		*23 - 120*	*07/02/26 06:27*	*07/07/26 17:52*	*1*
p-Terphenyl-d14 (Surr)	*81*		*28 - 124*	*07/02/26 06:27*	*07/07/26 17:52*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 140*	*07/02/26 06:27*	*07/07/26 17:52*	*1*
2-Fluorobiphenyl (Surr)	*95*		*29 - 120*	*07/02/26 06:27*	*07/07/26 17:52*	*1*
2-Fluorophenol (Surr)	*85*		*18 - 120*	*07/02/26 06:27*	*07/07/26 17:52*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.1	0.80	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
4,4'-DDE	ND		4.1	0.87	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
4,4'-DDT	ND		4.1	0.97	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
beta-BHC	ND		4.1	0.74	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
cis-Chlordane	ND		4.1	2.1	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
alpha-BHC	ND		4.1	0.74	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
Aldrin	ND		4.1	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
delta-BHC	ND		4.1	0.77	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
Dieldrin	ND		4.1	0.99	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
Endosulfan I	ND		4.1	0.79	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
Endosulfan II	ND		4.1	0.74	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
Endosulfan sulfate	ND		4.1	0.77	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
Endrin	ND		4.1	0.82	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
Endrin aldehyde	ND		4.1	1.1	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
Endrin ketone	ND		4.1	1.0	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
gamma-BHC (Lindane)	ND		4.1	0.76	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
trans-Chlordane	ND		4.1	1.3	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
Heptachlor	ND		4.1	0.89	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
Heptachlor epoxide	ND		4.1	1.1	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
Methoxychlor	**2.0**	**J**	4.1	0.84	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1
Toxaphene	ND		41	24	ug/Kg	☼	07/01/26 13:26	07/02/26 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*45 - 120*	*07/01/26 13:26*	*07/02/26 17:17*	*1*
DCB Decachlorobiphenyl	*61*		*45 - 120*	*07/01/26 13:26*	*07/02/26 17:17*	*1*
Tetrachloro-m-xylene	*80*		*30 - 124*	*07/01/26 13:26*	*07/02/26 17:17*	*1*
Tetrachloro-m-xylene	*60*		*30 - 124*	*07/01/26 13:26*	*07/02/26 17:17*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16
Date Collected: 06/30/26 00:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 79.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.31	0.060	mg/Kg	☼	07/02/26 08:41	07/06/26 16:39	1
PCB-1221	ND		0.31	0.060	mg/Kg	☼	07/02/26 08:41	07/06/26 16:39	1
PCB-1232	ND		0.31	0.060	mg/Kg	☼	07/02/26 08:41	07/06/26 16:39	1
PCB-1242	ND		0.31	0.060	mg/Kg	☼	07/02/26 08:41	07/06/26 16:39	1
PCB-1248	ND		0.31	0.060	mg/Kg	☼	07/02/26 08:41	07/06/26 16:39	1
PCB-1254	ND		0.31	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 16:39	1
PCB-1260	ND		0.31	0.14	mg/Kg	☼	07/02/26 08:41	07/06/26 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*60 - 154*	*07/02/26 08:41*	*07/06/26 16:39*	*1*
Tetrachloro-m-xylene	*81*		*60 - 154*	*07/02/26 08:41*	*07/06/26 16:39*	*1*
DCB Decachlorobiphenyl	*77*		*65 - 174*	*07/02/26 08:41*	*07/06/26 16:39*	*1*
DCB Decachlorobiphenyl	*66*		*65 - 174*	*07/02/26 08:41*	*07/06/26 16:39*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16
Date Collected: 06/30/26 00:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 79.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/06/26 07:31	07/12/26 15:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.5*		*8 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C5 PFPeA	*92.2*		*35 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C5 PFHxA	*86.8*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C4 PFHpA	*87.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C8 PFOA	*80.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C9 PFNA	*85.8*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C6 PFDA	*77.4*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C7 PFUnA	*74.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C2 PFTeDA	*63.6*		*20 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C3 PFBS	*75.7*		*40 - 135*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C3 PFHxS	*78.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C8 PFOS	*72.3*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C8 FOSA	*65.2*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
d3-NMeFOSAA	*61.6*		*40 - 135*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
d5-NEtFOSAA	*60.3*		*40 - 150*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C2 4:2 FTS	*69.5*		*40 - 165*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C2 6:2 FTS	*70.3*		*40 - 215*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C2 8:2 FTS	*62.2*		*40 - 275*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C3 HFPO-DA	*78.5*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
d7-N-MeFOSE-M	*48.4*		*20 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
d9-N-EtFOSE-M	*48.6*		*15 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
d5-NEtPFOSA	*49.1*		*10 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
d3-NMePFOSA	*57.9*		*10 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C2 PFDoA	*63.9*		*40 - 130*	*07/06/26 07:31*	*07/12/26 15:38*	*1*

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16
Date Collected: 06/30/26 00:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 79.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3-PFDoS	*53.9*		*20 - 150*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C3-3:3 FTCA	*83.0*		*20 - 150*	*07/06/26 07:31*	*07/12/26 15:38*	*1*
13C3-5:3 FTCA	*82.2*		*20 - 150*	*07/06/26 07:31*	*07/12/26 15:38*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16000**		13.0	11.2	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Antimony	ND		19.5	0.69	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Arsenic	**3.9**		2.6	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Barium	**109**		0.65	0.18	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Beryllium	**0.65**		0.26	0.052	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Cadmium	**0.30**		0.26	0.091	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Calcium	**66800**		65.1	35.2	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Chromium	**19.6**		0.65	0.47	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Cobalt	**9.3**		0.65	0.13	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Copper	**15.3**		1.3	0.74	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Iron	**18500**		13.0	11.0	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Lead	**24.5**		1.3	0.60	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Magnesium	**29100**		26.1	11.0	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Manganese	**440**		1.3	0.36	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Nickel	**17.1**		6.5	0.33	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Potassium	**5510**		39.1	31.6	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Selenium	ND		5.2	1.0	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Silver	**0.40**	**J ^5-**	0.78	0.26	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Sodium	**460**		182	79.9	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Thallium	ND		7.8	0.99	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Vanadium	**30.5**		0.65	0.17	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1
Zinc	**74.4**		2.6	1.3	mg/Kg	☼	07/02/26 16:16	07/06/26 15:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.017**	**J**	0.024	0.0056	mg/Kg	☼	07/07/26 11:43	07/07/26 16:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.54	mg/Kg	☼	07/07/26 13:40	07/07/26 16:35	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)	(60-140)
480-240036-1	TT-1 1-3'	104	106	87	106
480-240036-2	TT-1 4-5'	104	105	84	106
480-240036-3	TT-1 5-6'	100	104	85	102
480-240036-4	TT-2 1-3'	104	106	88	108
480-240036-5	TT-2 4-6'	103	107	87	105
480-240036-5 MS	TT-2 4-6'	89	105	90	102
480-240036-5 MSD	TT-2 4-6'	86	102	88	97
480-240036-6	TT-3 1-3'	101	105	88	102
480-240036-7	TT-3 4-6'	102	105	87	103
480-240036-7 MS	TT-3 4-6'	86	104	88	101
480-240036-7 MSD	TT-3 4-6'	90	104	90	100
480-240036-8	TT-4 1-3'	102	106	88	107
480-240036-9	TT-4 4-6'	98	105	88	102
480-240036-10	TT-4 4-6' DUP	102	105	87	106
480-240036-11	TT-5 1-2'	101	105	86	105
480-240036-12	TT-5 4-6'	100	105	86	105
480-240036-13	TT-5 4-6' DUP	103	101	105	103
480-240036-14	TT-6 1-3'	99	94	108	99
480-240036-15	TT-6 4-6'	103	100	106	100
480-240036-16	RI-MW-3 20-25'	102	93	111	102
LCS 480-779855/1-A	Lab Control Sample	101	103	89	105
LCS 480-779856/1-A	Lab Control Sample	104	100	101	97
MB 480-779855/2-A	Method Blank	95	104	88	103
MB 480-779856/2-A	Method Blank	101	102	101	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	PHL	TPHd14	TBP	FBP	2FP
Lab Sample ID	Client Sample ID	(22-120)	(23-120)	(28-124)	(10-140)	(29-120)	(18-120)
480-240036-1	TT-1 1-3'	83	78	72	80	72	82
480-240036-2	TT-1 4-5'	90	85	83	88	88	84
480-240036-3	TT-1 5-6'	98	92	91	93	93	91
480-240036-4	TT-2 1-3'	98	91	92	100	93	88
480-240036-5	TT-2 4-6'	91	89	95	82	89	87
480-240036-5 MS	TT-2 4-6'	83	80	97	95	88	75
480-240036-5 MSD	TT-2 4-6'	88	87	96	99	90	82
480-240036-6	TT-3 1-3'	96	91	89	93	87	89
480-240036-6 - DL	TT-3 1-3'	146 S1+	108	77	172 S1+	82	113
480-240036-7	TT-3 4-6'	79	80	89	76	82	77
480-240036-7 MS	TT-3 4-6'	90	90	99	102	96	85
480-240036-7 MSD	TT-3 4-6'	66	65	88	88	75	57
480-240036-8	TT-4 1-3'	91	89	86	85	91	90

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	PHL	TPHd14	TBP	FBP	2FP
Lab Sample ID	Client Sample ID	(22-120)	(23-120)	(28-124)	(10-140)	(29-120)	(18-120)
480-240036-9	TT-4 4-6'	90	81	85	83	94	80
480-240036-10	TT-4 4-6' DUP	90	91	94	86	91	88
480-240036-11	TT-5 1-2'	92	85	75	90	86	87
480-240036-12	TT-5 4-6'	78	74	74	72	78	75
480-240036-13	TT-5 4-6' DUP	88	81	89	88	94	79
480-240036-14	TT-6 1-3'	84	82	73	79	75	82
480-240036-15	TT-6 4-6'	89	80	91	85	92	80
480-240036-16	RI-MW-3 20-25'	92	83	81	85	95	85
LCS 480-779769/2-A	Lab Control Sample	80	77	86	95	82	74
MB 480-779769/1-A	Method Blank	73	69	83	78	80	67

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(45-120)	(45-120)	(30-124)	(30-124)
480-240036-1	TT-1 1-3'	0 S1-	0 S1-	0 S1-	0 S1-
480-240036-2	TT-1 4-5'	0 S1-	0 S1-	0 S1-	0 S1-
480-240036-3	TT-1 5-6'	70	97	119	85
480-240036-4	TT-2 1-3'	0 S1-	0 S1-	0 S1-	0 S1-
480-240036-5	TT-2 4-6'	70	86	84	75
480-240036-5 MS	TT-2 4-6'	58	60	82	67
480-240036-5 MSD	TT-2 4-6'	70	69	79	64
480-240036-6	TT-3 1-3'	273 S1+	585 S1+	0 S1-	0 S1-
480-240036-7	TT-3 4-6'	51	53	82	64
480-240036-7 MS	TT-3 4-6'	77	134 S1+	86	66
480-240036-7 MSD	TT-3 4-6'	44 S1-	51	70	59
480-240036-8	TT-4 1-3'	122 S1+	289 S1+	0 S1-	0 S1-
480-240036-9	TT-4 4-6'	69	73	97	88
480-240036-10	TT-4 4-6' DUP	66	76	72	68
480-240036-11	TT-5 1-2'	60	81	64	53
480-240036-12	TT-5 4-6'	77	87	97	90
480-240036-13	TT-5 4-6' DUP	79	82	111	99
480-240036-14	TT-6 1-3'	124 S1+	237 S1+	175 S1+	113
480-240036-15	TT-6 4-6'	68	72	84	79
480-240036-16	RI-MW-3 20-25'	52	61	80	60
LCS 480-779730/2-A	Lab Control Sample	96	94	95	80
MB 480-779730/1-A	Method Blank	99	95	103	82

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(60-154)	(65-174)	(65-174)
480-240036-1	TT-1 1-3'	105	94	89	77
480-240036-2	TT-1 4-5'	98	91	89	76
480-240036-3	TT-1 5-6'	93	85	80	70
480-240036-4	TT-2 1-3'	96	88	83	72
480-240036-5	TT-2 4-6'	105	93	94	81
480-240036-5 MS	TT-2 4-6'	111	98	104	92
480-240036-5 MSD	TT-2 4-6'	112	100	100	89
480-240036-6	TT-3 1-3'	90	83	77	67
480-240036-7	TT-3 4-6'	87	82	68	69
480-240036-7 MS	TT-3 4-6'	107	97	95	96
480-240036-7 MSD	TT-3 4-6'	102	95	91	94
480-240036-8	TT-4 1-3'	95	86	78	67
480-240036-9	TT-4 4-6'	95	86	86	73
480-240036-10	TT-4 4-6' DUP	96	87	85	73
480-240036-11	TT-5 1-2'	97	89	89	76
480-240036-12	TT-5 4-6'	102	92	91	77
480-240036-13	TT-5 4-6' DUP	98	89	87	75
480-240036-14	TT-6 1-3'	99	89	87	75
480-240036-15	TT-6 4-6'	93	88	79	69
480-240036-16	RI-MW-3 20-25'	91	81	77	66
LCS 480-779787/2-A	Lab Control Sample	108	95	105	93
LCS 480-780170/2-A	Lab Control Sample	105	99	92	94
MB 480-779787/1-A	Method Blank	101	99	95	85
MB 480-780170/1-A	Method Blank	100	95	87	85

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(8-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)
480-240036-1	TT-1 1-3'	87.9	89.6	83.8	87.0	78.3	78.6	70.8	68.8
480-240036-2	TT-1 4-5'	92.4	100	93.1	102	88.6	94.5	84.6	81.7
480-240036-3	TT-1 5-6'	77.1	83.6	80.1	84.8	77.8	80.0	74.4	75.7
480-240036-4	TT-2 1-3'	77.5	88.4	83.9	90.8	77.3	82.8	77.4	75.1
480-240036-5	TT-2 4-6'	85.4	96.6	85.3	94.7	81.5	80.1	72.4	65.7
480-240036-5 MS	TT-2 4-6'	78.6	86.8	82.1	84.4	78.0	79.6	73.4	66.0
480-240036-5 MSD	TT-2 4-6'	78.2	86.2	79.5	81.9	73.6	80.2	73.7	69.8
480-240036-6	TT-3 1-3'	73.9	82.9	78.6	81.0	75.9	80.5	67.9	67.6
480-240036-7	TT-3 4-6'	105	113	111	116	77.8	120	127	126
480-240036-7 MS	TT-3 4-6'	83.6	97.3	97.6	105	81.7	127	147 *5+	159 *5+
480-240036-7 MSD	TT-3 4-6'	89.3	94.4	92.0	95.8	64.9	93.8	94.3	92.1
480-240036-8	TT-4 1-3'	94.4	108	104	109	69.4	97.3	99.6	99.1
480-240036-9	TT-4 4-6'	77.5	78.6	76.0	80.2	75.6	75.5	67.8	58.6
480-240036-10	TT-4 4-6' DUP	74.3	77.6	74.5	79.3	76.1	73.9	70.6	68.1
480-240036-11	TT-5 1-2'	73.2	78.1	75.3	81.2	75.0	78.7	72.7	71.3
480-240036-12	TT-5 4-6'	79.5	85.1	75.8	82.8	76.8	76.3	79.9	77.2
480-240036-13	TT-5 4-6' DUP	76.7	86.6	82.3	85.5	80.6	83.9	79.2	77.2
480-240036-14	TT-6 1-3'	56.0	60.6	58.3	62.6	54.0	62.6	61.4	64.0
480-240036-15	TT-6 4-6'	88.5	97.0	86.0	92.3	84.8	81.5	68.0	59.2
480-240036-16	RI-MW-3 20-25'	82.5	92.2	86.8	87.7	80.7	85.8	77.4	74.7
LCS 410-846397/2-A	Lab Control Sample	89.3	97.1	90.3	96.2	85.3	87.4	84.6	74.3
LCS 410-846677/2-A	Lab Control Sample	94.5	107	99.1	103	72.0	95.4	93.5	87.3
LLCS 410-846397/3-A	Lab Control Sample	85.2	95.1	86.2	92.6	84.4	84.1	82.5	76.3
LLCS 410-846677/3-A	Lab Control Sample	105	113	106	110	77.1	111	97.9	92.3
MB 410-846397/1-A	Method Blank	97.2	105	98.0	105	94.7	97.0	88.9	78.0
MB 410-846677/1-A	Method Blank	90.9	104	97.7	98.7	67.9	94.7	88.6	85.9

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
480-240036-1	TT-1 1-3'	59.1	75.9	69.1	55.7	68.8	73.1	67.5	72.1
480-240036-2	TT-1 4-5'	81.3	86.2	83.5	74.5	76.0	76.6	74.6	78.6
480-240036-3	TT-1 5-6'	69.9	72.4	70.1	68.2	62.3	65.1	60.8	64.1
480-240036-4	TT-2 1-3'	70.0	73.0	73.7	69.2	69.0	75.2	70.2	64.8
480-240036-5	TT-2 4-6'	53.8	81.1	77.1	64.2	58.7	57.9	53.0	78.6
480-240036-5 MS	TT-2 4-6'	55.5	71.5	67.8	65.4	59.9	58.7	55.3	60.2
480-240036-5 MSD	TT-2 4-6'	57.7	72.8	68.7	66.1	57.3	60.0	55.3	60.8
480-240036-6	TT-3 1-3'	61.1	72.3	69.3	67.1	58.5	65.8	67.5	79.8
480-240036-7	TT-3 4-6'	88.4	100	105	113	103	98.2	137	120
480-240036-7 MS	TT-3 4-6'	119	98.5	105	132 *5+	124	148 *5+	196 *5+	112
480-240036-7 MSD	TT-3 4-6'	74.2	88.0	84.7	79.0	75.9	73.6	101	95.8
480-240036-8	TT-4 1-3'	80.5	96.6	94.2	88.7	86.5	88.6	119	140
480-240036-9	TT-4 4-6'	41.5	69.3	69.9	64.9	57.9	54.7	48.2	62.6
480-240036-10	TT-4 4-6' DUP	54.0	65.1	73.1	67.4	60.7	58.9	55.5	59.3
480-240036-11	TT-5 1-2'	63.6	65.7	66.0	64.3	61.2	62.1	59.5	64.0
480-240036-12	TT-5 4-6'	61.9	73.7	73.5	70.0	61.9	60.0	58.7	67.4
480-240036-13	TT-5 4-6' DUP	62.6	77.0	76.2	73.9	63.6	61.6	59.4	68.2
480-240036-14	TT-6 1-3'	50.4	52.9	58.2	60.7	47.2	48.3	49.7	44.6
480-240036-15	TT-6 4-6'	41.8	79.3	75.8	64.1	58.7	52.0	47.4	72.7
480-240036-16	RI-MW-3 20-25'	63.6	75.7	78.5	72.3	65.2	61.6	60.3	69.5

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
LCS 410-846397/2-A	Lab Control Sample	58.0	82.9	89.2	79.7	72.4	70.3	65.6	82.0
LCS 410-846677/2-A	Lab Control Sample	77.1	104	102	86.2	86.3	73.4	97.8	102
LLCS 410-846397/3-A	Lab Control Sample	63.4	84.9	84.8	79.9	68.0	63.0	58.7	80.6
LLCS 410-846677/3-A	Lab Control Sample	76.9	112	110	95.3	88.4	74.6	109	115
MB 410-846397/1-A	Method Blank	65.9	97.3	99.7	86.9	74.8	69.5	61.6	83.8
MB 410-846677/1-A	Method Blank	77.5	96.0	93.2	84.7	78.4	71.2	113	93.7

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
480-240036-1	TT-1 1-3'	80.7	73.1	81.3	42.1	38.8	44.6	53.9	61.7
480-240036-2	TT-1 4-5'	83.5	70.9	86.8	51.3	48.7	58.7	67.5	74.6
480-240036-3	TT-1 5-6'	63.0	62.1	75.9	53.3	47.5	48.5	56.9	65.3
480-240036-4	TT-2 1-3'	79.8	68.7	77.7	52.8	47.1	55.2	62.6	68.5
480-240036-5	TT-2 4-6'	70.8	57.6	84.5	29.3	28.9	42.0	50.8	59.2
480-240036-5 MS	TT-2 4-6'	67.2	59.9	77.8	33.9	32.8	44.8	53.5	60.9
480-240036-5 MSD	TT-2 4-6'	65.2	53.4	78.7	28.8	28.7	44.7	53.5	63.3
480-240036-6	TT-3 1-3'	85.7	66.9	74.2	37.8	36.9	48.4	55.2	64.2
480-240036-7	TT-3 4-6'	113	99.1	119	51.9	41.5	73.1	89.9	110
480-240036-7 MS	TT-3 4-6'	122	144	102	61.1	41.2	98.6	121	135 *5+
480-240036-7 MSD	TT-3 4-6'	85.5	79.6	95.4	65.6	59.9	57.1	69.6	79.0
480-240036-8	TT-4 1-3'	115	96.1	112	62.4	58.8	72.9	83.0	89.6
480-240036-9	TT-4 4-6'	64.9	57.3	75.6	22.9	19.1	36.7	47.6	48.8
480-240036-10	TT-4 4-6' DUP	64.3	53.4	71.1	32.0	28.8	43.7	54.0	57.6
480-240036-11	TT-5 1-2'	62.4	63.4	73.0	40.5	34.8	50.2	59.8	67.1
480-240036-12	TT-5 4-6'	66.0	65.0	73.7	44.6	41.2	45.8	55.9	67.1
480-240036-13	TT-5 4-6' DUP	71.2	68.3	77.2	34.0	30.8	46.9	54.5	67.1
480-240036-14	TT-6 1-3'	46.7	46.9	54.3	33.1	32.4	39.4	45.2	57.7
480-240036-15	TT-6 4-6'	71.2	55.3	84.2	21.9	17.0	35.7	44.5	49.6
480-240036-16	RI-MW-3 20-25'	70.3	62.2	78.5	48.4	48.6	49.1	57.9	63.9
LCS 410-846397/2-A	Lab Control Sample	95.3	67.6	88.3	39.2	34.7	45.9	57.7	66.2
LCS 410-846677/2-A	Lab Control Sample	93.0	84.8	104	68.2	65.2	59.7	71.9	81.3
LLCS 410-846397/3-A	Lab Control Sample	76.9	61.4	85.1	37.9	33.1	46.7	55.8	68.8
LLCS 410-846677/3-A	Lab Control Sample	110	93.2	112	66.8	62.5	59.7	71.6	81.5
MB 410-846397/1-A	Method Blank	99.1	77.4	94.3	47.2	43.8	53.7	61.7	68.8
MB 410-846677/1-A	Method Blank	93.0	81.3	101	61.3	59.2	62.0	65.5	78.8

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	3C3-PFDoS (20-150)	C3-3:3 FTCA (20-150)	C3-5:3 FTCA (20-150)
480-240036-1	TT-1 1-3'	44.0	87.8	83.7
480-240036-2	TT-1 4-5'	59.6	96.6	93.6
480-240036-3	TT-1 5-6'	56.9	75.2	74.2
480-240036-4	TT-2 1-3'	55.4	84.7	86.2
480-240036-5	TT-2 4-6'	43.3	86.3	79.2
480-240036-5 MS	TT-2 4-6'	46.9	82.1	73.8
480-240036-5 MSD	TT-2 4-6'	45.7	82.5	72.3
480-240036-6	TT-3 1-3'	51.2	81.5	75.0
480-240036-7	TT-3 4-6'	85.6	115	97.9
480-240036-7 MS	TT-3 4-6'	115	94.9	91.9
480-240036-7 MSD	TT-3 4-6'	66.4	93.3	84.4

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)		
		3C3-PFDoS	C3-3:3 FTCA	C3-5:3 FTCA
Lab Sample ID	Client Sample ID	(20-150)	(20-150)	(20-150)
480-240036-8	TT-4 1-3'	77.8	105	95.0
480-240036-9	TT-4 4-6'	35.3	84.4	70.3
480-240036-10	TT-4 4-6' DUP	46.9	76.8	70.4
480-240036-11	TT-5 1-2'	49.8	73.1	66.9
480-240036-12	TT-5 4-6'	50.4	75.5	73.4
480-240036-13	TT-5 4-6' DUP	50.6	81.1	70.1
480-240036-14	TT-6 1-3'	42.6	54.1	51.0
480-240036-15	TT-6 4-6'	35.3	99.5	80.4
480-240036-16	RI-MW-3 20-25'	53.9	83.0	82.2
LCS 410-846397/2-A	Lab Control Sample	50.9	90.3	88.7
LCS 410-846677/2-A	Lab Control Sample	75.7	107	94.8
LLCS 410-846397/3-A	Lab Control Sample	55.1	92.2	78.5
LLCS 410-846677/3-A	Lab Control Sample	77.6	118	97.9
MB 410-846397/1-A	Method Blank	56.1	99.5	89.0
MB 410-846677/1-A	Method Blank	75.3	111	89.1

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA
13C3-PFDoS = 13C3-PFDoS
C3-3:3 FTCA = 13C3-3:3 FTCA
C3-5:3 FTCA = 13C3-5:3 FTCA

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-779855/2-A
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779855

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
2-Hexanone	ND		25	2.5	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Acetone	ND		25	4.2	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Benzene	ND		5.0	0.25	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Bromoform	ND		5.0	2.5	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Bromomethane	ND		5.0	0.45	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Chloroethane	ND		5.0	1.1	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Chloroform	0.755	J	5.0	0.31	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Chloromethane	ND		5.0	0.30	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Cyclohexane	ND		5.0	0.70	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Methyl acetate	ND		25	3.0	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Toluene	ND		5.0	0.38	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Trichloroethene	ND		5.0	1.1	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Xylenes, Total	ND		10	0.84	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		07/02/26 18:25	07/02/26 21:35	1
Styrene	ND		5.0	0.25	ug/Kg		07/02/26 18:25	07/02/26 21:35	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-779855/2-A
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779855

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg			N/A	07/02/26 18:25	07/02/26 21:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		64 - 126	07/02/26 18:25	07/02/26 21:35	1
4-Bromofluorobenzene (Surr)	104		72 - 126	07/02/26 18:25	07/02/26 21:35	1
Toluene-d8 (Surr)	88		71 - 125	07/02/26 18:25	07/02/26 21:35	1
Dibromofluoromethane (Surr)	103		60 - 140	07/02/26 18:25	07/02/26 21:35	1

Lab Sample ID: LCS 480-779855/1-A
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779855

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	56.3		ug/Kg		113	77 - 121
1,1,2,2-Tetrachloroethane	50.0	40.4		ug/Kg		81	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.3		ug/Kg		109	60 - 140
1,1,2-Trichloroethane	50.0	43.3		ug/Kg		87	78 - 122
1,1-Dichloroethane	50.0	54.9		ug/Kg		110	73 - 126
1,1-Dichloroethene	50.0	55.1		ug/Kg		110	59 - 125
1,2,4-Trichlorobenzene	50.0	38.3		ug/Kg		77	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	42.6		ug/Kg		85	63 - 124
1,2-Dichlorobenzene	50.0	38.1		ug/Kg		76	75 - 120
1,2-Dichloroethane	50.0	52.8		ug/Kg		106	77 - 122
1,2-Dichloropropane	50.0	54.7		ug/Kg		109	75 - 124
1,3-Dichlorobenzene	50.0	39.6		ug/Kg		79	74 - 120
1,4-Dichlorobenzene	50.0	38.2		ug/Kg		76	73 - 120
2-Butanone (MEK)	250	286		ug/Kg		114	70 - 134
2-Hexanone	250	239		ug/Kg		95	59 - 130
4-Methyl-2-pentanone (MIBK)	250	227		ug/Kg		91	65 - 133
Acetone	250	263		ug/Kg		105	61 - 137
Benzene	50.0	54.4		ug/Kg		109	79 - 127
Bromoform	50.0	48.9		ug/Kg		98	68 - 126
Bromomethane	50.0	60.6		ug/Kg		121	37 - 149
Carbon disulfide	50.0	54.1		ug/Kg		108	64 - 131
Carbon tetrachloride	50.0	59.9		ug/Kg		120	75 - 135
Chlorobenzene	50.0	42.3		ug/Kg		85	76 - 124
Dibromochloromethane	50.0	47.3		ug/Kg		95	76 - 125
Chloroethane	50.0	61.1		ug/Kg		122	69 - 135
Chloroform	50.0	51.0		ug/Kg		102	80 - 120
Chloromethane	50.0	65.5	*+	ug/Kg		131	63 - 127
cis-1,2-Dichloroethene	50.0	53.6		ug/Kg		107	81 - 120
Cyclohexane	50.0	56.9		ug/Kg		114	65 - 120
Bromodichloromethane	50.0	56.1		ug/Kg		112	80 - 122
Dichlorodifluoromethane	50.0	69.9		ug/Kg		140	57 - 142
Ethylbenzene	50.0	43.4		ug/Kg		87	80 - 120
1,2-Dibromoethane	50.0	43.7		ug/Kg		87	78 - 120
Isopropylbenzene	50.0	41.1		ug/Kg		82	72 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-779855/1-A
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779855

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	100	110		ug/Kg		110	55 - 136
Methyl tert-butyl ether	50.0	51.0		ug/Kg		102	63 - 125
Methylcyclohexane	50.0	55.8		ug/Kg		112	60 - 140
Methylene Chloride	50.0	56.8		ug/Kg		114	61 - 127
Tetrachloroethene	50.0	42.9		ug/Kg		86	74 - 122
Toluene	50.0	42.5		ug/Kg		85	74 - 128
trans-1,2-Dichloroethene	50.0	53.8		ug/Kg		108	78 - 126
trans-1,3-Dichloropropene	50.0	46.1		ug/Kg		92	73 - 123
Trichloroethene	50.0	54.9		ug/Kg		110	77 - 129
Trichlorofluoromethane	50.0	62.1		ug/Kg		124	65 - 146
Vinyl chloride	50.0	63.9		ug/Kg		128	61 - 133
cis-1,3-Dichloropropene	50.0	58.7		ug/Kg		117	80 - 120
Styrene	50.0	42.8		ug/Kg		86	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*
Toluene-d8 (Surr)	*89*		*71 - 125*
Dibromofluoromethane (Surr)	*105*		*60 - 140*

Lab Sample ID: 480-240036-5 MS
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779855

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND	vs	58.5	52.7	vs	ug/Kg	☼	90	77 - 121
1,1,2,2-Tetrachloroethane	ND	F1 vs	58.5	30.8	F1 vs	ug/Kg	☼	53	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	58.5	48.4	vs	ug/Kg	☼	83	60 - 140
1,1,2-Trichloroethane	ND	F1 vs	58.5	39.6	F1 vs	ug/Kg	☼	68	78 - 122
1,1-Dichloroethane	ND	vs	58.5	56.1	vs	ug/Kg	☼	96	73 - 126
1,1-Dichloroethene	ND	vs	58.5	51.4	vs	ug/Kg	☼	88	59 - 125
1,2,4-Trichlorobenzene	ND	F1 vs	58.5	26.6	F1 vs	ug/Kg	☼	45	64 - 120
1,2-Dibromo-3-Chloropropane	ND	F1 vs	58.5	26.8	F1 vs	ug/Kg	☼	46	63 - 124
1,2-Dichlorobenzene	ND	F1 vs	58.5	34.3	F1 vs	ug/Kg	☼	59	75 - 120
1,2-Dichloroethane	ND	vs	58.5	51.1	vs	ug/Kg	☼	87	77 - 122
1,2-Dichloropropane	ND	vs	58.5	58.3	vs	ug/Kg	☼	100	75 - 124
1,3-Dichlorobenzene	ND	F1 vs	58.5	35.2	F1 vs	ug/Kg	☼	60	74 - 120
1,4-Dichlorobenzene	ND	F1 vs	58.5	34.5	F1 vs	ug/Kg	☼	59	73 - 120
2-Butanone (MEK)	ND	F1 vs	292	196	F1 vs	ug/Kg	☼	67	70 - 134
2-Hexanone	ND	F1 vs	292	151	F1 vs	ug/Kg	☼	52	59 - 130
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	292	159	F1 vs	ug/Kg	☼	54	65 - 133
Acetone	ND	vs	292	205	vs	ug/Kg	☼	70	61 - 137
Benzene	ND	vs	58.5	55.6	vs	ug/Kg	☼	95	79 - 127
Bromoform	ND	F1 vs	58.5	37.4	F1 vs	ug/Kg	☼	64	68 - 126
Bromomethane	ND	vs	58.5	60.0	vs	ug/Kg	☼	102	37 - 149
Carbon disulfide	ND	vs	58.5	50.4	vs	ug/Kg	☼	86	64 - 131
Carbon tetrachloride	ND	vs	58.5	53.1	vs	ug/Kg	☼	91	75 - 135
Chlorobenzene	ND	F1 vs	58.5	42.8	F1 vs	ug/Kg	☼	73	76 - 124

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-240036-5 MS
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779855

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	ND	F1 vs	58.5	41.7	F1 vs	ug/Kg	☼	71	76 - 125
Chloroethane	ND	vs	58.5	60.8	vs	ug/Kg	☼	104	69 - 135
Chloroform	0.93	J B vs	58.5	52.8	vs	ug/Kg	☼	89	80 - 120
Chloromethane	ND	*+ vs	58.5	67.5	vs	ug/Kg	☼	115	63 - 127
cis-1,2-Dichloroethene	ND	vs	58.5	55.8	vs	ug/Kg	☼	95	80 - 120
Cyclohexane	ND	vs	58.5	50.0	vs	ug/Kg	☼	85	65 - 120
Bromodichloromethane	ND	vs	58.5	55.6	vs	ug/Kg	☼	95	80 - 122
Dichlorodifluoromethane	ND	vs	58.5	62.5	vs	ug/Kg	☼	107	57 - 142
Ethylbenzene	ND	F1 vs	58.5	42.0	F1 vs	ug/Kg	☼	72	80 - 120
1,2-Dibromoethane	ND	F1 vs	58.5	37.7	F1 vs	ug/Kg	☼	64	78 - 120
Isopropylbenzene	ND	F1 vs	58.5	37.8	F1 vs	ug/Kg	☼	65	72 - 120
Methyl acetate	ND	vs	117	79.5	vs	ug/Kg	☼	68	55 - 136
Methyl tert-butyl ether	ND	vs	58.5	46.2	vs	ug/Kg	☼	79	63 - 125
Methylcyclohexane	ND	vs	58.5	44.5	vs	ug/Kg	☼	76	60 - 140
Methylene Chloride	ND	vs	58.5	58.4	vs	ug/Kg	☼	100	61 - 127
Tetrachloroethene	ND	F1 vs	58.5	38.9	F1 vs	ug/Kg	☼	66	74 - 122
Toluene	ND	F1 vs	58.5	43.8	vs	ug/Kg	☼	75	74 - 128
trans-1,2-Dichloroethene	ND	vs	58.5	53.2	vs	ug/Kg	☼	91	78 - 126
trans-1,3-Dichloropropene	ND	F1 vs	58.5	40.4	F1 vs	ug/Kg	☼	69	73 - 123
Trichloroethene	ND	vs	58.5	54.4	vs	ug/Kg	☼	93	77 - 129
Trichlorofluoromethane	ND	vs	58.5	54.5	vs	ug/Kg	☼	93	65 - 146
Vinyl chloride	ND	vs	58.5	61.0	vs	ug/Kg	☼	104	61 - 133
cis-1,3-Dichloropropene	ND	vs	58.5	54.8	vs	ug/Kg	☼	94	80 - 120
Styrene	ND	F1 vs	58.5	42.5	F1 vs	ug/Kg	☼	73	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*64 - 126*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*
Toluene-d8 (Surr)	*90*		*71 - 125*
Dibromofluoromethane (Surr)	*102*		*60 - 140*

Lab Sample ID: 480-240036-5 MSD
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779855

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	vs	58.5	48.6	vs	ug/Kg	☼	83	77 - 121	8	30
1,1,2,2-Tetrachloroethane	ND	F1 vs	58.5	29.5	F1 vs	ug/Kg	☼	50	80 - 120	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	58.5	46.5	vs	ug/Kg	☼	79	60 - 140	4	30
1,1,2-Trichloroethane	ND	F1 vs	58.5	38.7	F1 vs	ug/Kg	☼	66	78 - 122	2	30
1,1-Dichloroethane	ND	vs	58.5	51.8	vs	ug/Kg	☼	89	73 - 126	8	30
1,1-Dichloroethene	ND	vs	58.5	47.4	vs	ug/Kg	☼	81	59 - 125	8	30
1,2,4-Trichlorobenzene	ND	F1 vs	58.5	27.3	F1 vs	ug/Kg	☼	47	64 - 120	2	30
1,2-Dibromo-3-Chloropropane	ND	F1 vs	58.5	24.5	F1 vs	ug/Kg	☼	42	63 - 124	9	30
1,2-Dichlorobenzene	ND	F1 vs	58.5	33.0	F1 vs	ug/Kg	☼	56	75 - 120	4	30
1,2-Dichloroethane	ND	vs	58.5	47.2	vs	ug/Kg	☼	81	77 - 122	8	30
1,2-Dichloropropane	ND	vs	58.5	53.1	vs	ug/Kg	☼	91	75 - 124	9	30
1,3-Dichlorobenzene	ND	F1 vs	58.5	34.4	F1 vs	ug/Kg	☼	59	74 - 120	2	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-240036-5 MSD
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779855

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	ND	F1 vs	58.5	33.6	F1 vs	ug/Kg	☼	57	73 - 120	3	30
2-Butanone (MEK)	ND	F1 vs	292	180	F1 vs	ug/Kg	☼	62	70 - 134	8	30
2-Hexanone	ND	F1 vs	292	140	F1 vs	ug/Kg	☼	48	59 - 130	8	30
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	292	148	F1 vs	ug/Kg	☼	51	65 - 133	7	30
Acetone	ND	vs	292	192	vs	ug/Kg	☼	66	61 - 137	6	30
Benzene	ND	vs	58.5	51.8	vs	ug/Kg	☼	89	79 - 127	7	30
Bromoform	ND	F1 vs	58.5	35.3	F1 vs	ug/Kg	☼	60	68 - 126	6	30
Bromomethane	ND	vs	58.5	52.9	vs	ug/Kg	☼	90	37 - 149	13	30
Carbon disulfide	ND	vs	58.5	44.5	vs	ug/Kg	☼	76	64 - 131	12	30
Carbon tetrachloride	ND	vs	58.5	49.2	vs	ug/Kg	☼	84	75 - 135	8	30
Chlorobenzene	ND	F1 vs	58.5	40.1	F1 vs	ug/Kg	☼	69	76 - 124	7	30
Dibromochloromethane	ND	F1 vs	58.5	39.1	F1 vs	ug/Kg	☼	67	76 - 125	7	30
Chloroethane	ND	vs	58.5	54.8	vs	ug/Kg	☼	94	69 - 135	10	30
Chloroform	0.93	J B vs	58.5	48.9	vs	ug/Kg	☼	82	80 - 120	8	30
Chloromethane	ND	*+ vs	58.5	58.8	vs	ug/Kg	☼	101	63 - 127	14	30
cis-1,2-Dichloroethene	ND	vs	58.5	50.3	vs	ug/Kg	☼	86	80 - 120	10	30
Cyclohexane	ND	vs	58.5	46.1	vs	ug/Kg	☼	79	65 - 120	8	30
Bromodichloromethane	ND	vs	58.5	52.3	vs	ug/Kg	☼	89	80 - 122	6	30
Dichlorodifluoromethane	ND	vs	58.5	55.1	vs	ug/Kg	☼	94	57 - 142	13	30
Ethylbenzene	ND	F1 vs	58.5	39.4	F1 vs	ug/Kg	☼	67	80 - 120	6	30
1,2-Dibromoethane	ND	F1 vs	58.5	36.1	F1 vs	ug/Kg	☼	62	78 - 120	4	30
Isopropylbenzene	ND	F1 vs	58.5	36.1	F1 vs	ug/Kg	☼	62	72 - 120	4	30
Methyl acetate	ND	vs	117	69.4	vs	ug/Kg	☼	59	55 - 136	14	30
Methyl tert-butyl ether	ND	vs	58.5	42.8	vs	ug/Kg	☼	73	63 - 125	8	30
Methylcyclohexane	ND	vs	58.5	41.3	vs	ug/Kg	☼	71	60 - 140	7	30
Methylene Chloride	ND	vs	58.5	54.0	vs	ug/Kg	☼	92	61 - 127	8	30
Tetrachloroethene	ND	F1 vs	58.5	37.4	F1 vs	ug/Kg	☼	64	74 - 122	4	30
Toluene	ND	F1 vs	58.5	40.9	F1 vs	ug/Kg	☼	70	74 - 128	7	30
trans-1,2-Dichloroethene	ND	vs	58.5	48.1	vs	ug/Kg	☼	82	78 - 126	10	30
trans-1,3-Dichloropropene	ND	F1 vs	58.5	38.5	F1 vs	ug/Kg	☼	66	73 - 123	5	30
Trichloroethene	ND	vs	58.5	48.8	vs	ug/Kg	☼	83	77 - 129	11	30
Trichlorofluoromethane	ND	vs	58.5	49.6	vs	ug/Kg	☼	85	65 - 146	9	30
Vinyl chloride	ND	vs	58.5	53.3	vs	ug/Kg	☼	91	61 - 133	14	30
cis-1,3-Dichloropropene	ND	vs	58.5	51.0	vs	ug/Kg	☼	87	80 - 120	7	30
Styrene	ND	F1 vs	58.5	39.8	F1 vs	ug/Kg	☼	68	80 - 120	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*64 - 126*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*
Toluene-d8 (Surr)	*88*		*71 - 125*
Dibromofluoromethane (Surr)	*97*		*60 - 140*

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779855

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND	vs	59.2	48.4	vs	ug/Kg	☼	82	77 - 121

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779855

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2,2-Tetrachloroethane	ND	F1 vs	59.2	29.1	F1 vs	ug/Kg	☼	49	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	59.2	41.9	vs	ug/Kg	☼	71	60 - 140
1,1,2-Trichloroethane	ND	F1 vs	59.2	38.0	F1 vs	ug/Kg	☼	64	78 - 122
1,1-Dichloroethane	ND	vs	59.2	54.0	vs	ug/Kg	☼	91	73 - 126
1,1-Dichloroethene	ND	vs	59.2	45.9	vs	ug/Kg	☼	77	59 - 125
1,2,4-Trichlorobenzene	ND	F1 vs	59.2	19.9	F1 vs	ug/Kg	☼	34	64 - 120
1,2-Dibromo-3-Chloropropane	ND	F1 vs	59.2	24.9	F1 vs	ug/Kg	☼	42	63 - 124
1,2-Dichlorobenzene	ND	F1 vs	59.2	28.1	F1 vs	ug/Kg	☼	48	75 - 120
1,2-Dichloroethane	ND	vs	59.2	47.8	vs	ug/Kg	☼	81	77 - 122
1,2-Dichloropropane	ND	vs	59.2	52.9	vs	ug/Kg	☼	89	75 - 124
1,3-Dichlorobenzene	ND	F1 vs	59.2	28.7	F1 vs	ug/Kg	☼	48	74 - 120
1,4-Dichlorobenzene	ND	F1 vs	59.2	28.4	F1 vs	ug/Kg	☼	48	73 - 120
2-Butanone (MEK)	ND	F1 vs	296	194	F1 vs	ug/Kg	☼	66	70 - 134
2-Hexanone	ND	F1 vs	296	150	F1 vs	ug/Kg	☼	51	59 - 130
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	296	156	F1 vs	ug/Kg	☼	53	65 - 133
Acetone	ND	vs	296	198	vs	ug/Kg	☼	67	61 - 137
Benzene	ND	vs	59.2	51.6	vs	ug/Kg	☼	87	79 - 127
Bromoform	ND	F1 vs	59.2	34.1	F1 vs	ug/Kg	☼	58	68 - 126
Bromomethane	ND	vs	59.2	56.4	vs	ug/Kg	☼	95	37 - 149
Carbon disulfide	ND	vs	59.2	44.8	vs	ug/Kg	☼	76	64 - 131
Carbon tetrachloride	ND	vs	59.2	47.2	vs	ug/Kg	☼	80	75 - 135
Chlorobenzene	ND	F1 vs	59.2	37.1	F1 vs	ug/Kg	☼	63	76 - 124
Dibromochloromethane	ND	F1 vs	59.2	39.5	F1 vs	ug/Kg	☼	67	76 - 125
Chloroethane	ND	vs	59.2	54.9	vs	ug/Kg	☼	93	69 - 135
Chloroform	0.82	J B vs	59.2	49.9	vs	ug/Kg	☼	83	80 - 120
Chloromethane	ND	*+ vs	59.2	60.9	vs	ug/Kg	☼	103	63 - 127
cis-1,2-Dichloroethene	ND	vs	59.2	51.2	vs	ug/Kg	☼	87	80 - 120
Cyclohexane	ND	vs	59.2	41.9	vs	ug/Kg	☼	71	65 - 120
Bromodichloromethane	ND	vs	59.2	51.7	vs	ug/Kg	☼	87	80 - 122
Dichlorodifluoromethane	ND	vs	59.2	54.2	vs	ug/Kg	☼	92	57 - 142
Ethylbenzene	ND	F1 vs	59.2	35.9	F1 vs	ug/Kg	☼	61	80 - 120
1,2-Dibromoethane	ND	F1 vs	59.2	34.9	F1 vs	ug/Kg	☼	59	78 - 120
Isopropylbenzene	ND	F1 vs	59.2	32.7	F1 vs	ug/Kg	☼	55	72 - 120
Methyl acetate	ND	vs	118	75.1	vs	ug/Kg	☼	63	55 - 136
Methyl tert-butyl ether	ND	vs	59.2	46.6	vs	ug/Kg	☼	79	63 - 125
Methylcyclohexane	ND	F1 vs	59.2	37.1	vs	ug/Kg	☼	63	60 - 140
Methylene Chloride	ND	vs	59.2	56.6	vs	ug/Kg	☼	96	61 - 127
Tetrachloroethene	ND	F1 vs	59.2	33.3	F1 vs	ug/Kg	☼	56	74 - 122
Toluene	ND	F1 vs	59.2	38.4	F1 vs	ug/Kg	☼	65	74 - 128
trans-1,2-Dichloroethene	ND	F1 vs	59.2	48.2	vs	ug/Kg	☼	81	78 - 126
trans-1,3-Dichloropropene	ND	F1 vs	59.2	36.9	F1 vs	ug/Kg	☼	62	73 - 123
Trichloroethene	ND	vs	59.2	47.3	vs	ug/Kg	☼	80	77 - 129
Trichlorofluoromethane	ND	vs	59.2	49.1	vs	ug/Kg	☼	83	65 - 146
Vinyl chloride	ND	vs	59.2	54.6	vs	ug/Kg	☼	92	61 - 133
cis-1,3-Dichloropropene	ND	vs	59.2	50.0	vs	ug/Kg	☼	84	80 - 120
Styrene	ND	F1 vs	59.2	35.9	F1 vs	ug/Kg	☼	61	80 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779855

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*86*		*64 - 126*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*
Toluene-d8 (Surr)	*88*		*71 - 125*
Dibromofluoromethane (Surr)	*101*		*60 - 140*

Lab Sample ID: 480-240036-7 MSD
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779855

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	vs	59.3	45.8	vs	ug/Kg	☼	77	77 - 121	5	30
1,1,2,2-Tetrachloroethane	ND	F1 vs	59.3	29.4	F1 vs	ug/Kg	☼	50	80 - 120	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	59.3	38.9	vs	ug/Kg	☼	66	60 - 140	7	30
1,1,2-Trichloroethane	ND	F1 vs	59.3	37.8	F1 vs	ug/Kg	☼	64	78 - 122	1	30
1,1-Dichloroethane	ND	vs	59.3	51.8	vs	ug/Kg	☼	87	73 - 126	4	30
1,1-Dichloroethene	ND	vs	59.3	42.9	vs	ug/Kg	☼	72	59 - 125	7	30
1,2,4-Trichlorobenzene	ND	F1 vs	59.3	20.5	F1 vs	ug/Kg	☼	35	64 - 120	3	30
1,2-Dibromo-3-Chloropropane	ND	F1 vs	59.3	24.8	F1 vs	ug/Kg	☼	42	63 - 124	0	30
1,2-Dichlorobenzene	ND	F1 vs	59.3	28.0	F1 vs	ug/Kg	☼	47	75 - 120	1	30
1,2-Dichloroethane	ND	vs	59.3	50.3	vs	ug/Kg	☼	85	77 - 122	5	30
1,2-Dichloropropane	ND	vs	59.3	54.2	vs	ug/Kg	☼	91	75 - 124	2	30
1,3-Dichlorobenzene	ND	F1 vs	59.3	28.4	F1 vs	ug/Kg	☼	48	74 - 120	1	30
1,4-Dichlorobenzene	ND	F1 vs	59.3	28.3	F1 vs	ug/Kg	☼	48	73 - 120	0	30
2-Butanone (MEK)	ND	F1 vs	297	191	F1 vs	ug/Kg	☼	64	70 - 134	2	30
2-Hexanone	ND	F1 vs	297	155	F1 vs	ug/Kg	☼	52	59 - 130	3	30
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	297	161	F1 vs	ug/Kg	☼	54	65 - 133	3	30
Acetone	ND	vs	297	193	vs	ug/Kg	☼	65	61 - 137	2	30
Benzene	ND	vs	59.3	51.0	vs	ug/Kg	☼	86	79 - 127	1	30
Bromoform	ND	F1 vs	59.3	36.2	F1 vs	ug/Kg	☼	61	68 - 126	6	30
Bromomethane	ND	vs	59.3	55.0	vs	ug/Kg	☼	93	37 - 149	2	30
Carbon disulfide	ND	vs	59.3	41.9	vs	ug/Kg	☼	71	64 - 131	7	30
Carbon tetrachloride	ND	vs	59.3	44.4	vs	ug/Kg	☼	75	75 - 135	6	30
Chlorobenzene	ND	F1 vs	59.3	36.9	F1 vs	ug/Kg	☼	62	76 - 124	0	30
Dibromochloromethane	ND	F1 vs	59.3	40.8	F1 vs	ug/Kg	☼	69	76 - 125	3	30
Chloroethane	ND	vs	59.3	53.3	vs	ug/Kg	☼	90	69 - 135	3	30
Chloroform	0.82	J B vs	59.3	49.1	vs	ug/Kg	☼	81	80 - 120	2	30
Chloromethane	ND	*+ vs	59.3	58.6	vs	ug/Kg	☼	99	63 - 127	4	30
cis-1,2-Dichloroethene	ND	vs	59.3	50.4	vs	ug/Kg	☼	85	80 - 120	2	30
Cyclohexane	ND	vs	59.3	39.1	vs	ug/Kg	☼	66	65 - 120	7	30
Bromodichloromethane	ND	vs	59.3	52.9	vs	ug/Kg	☼	89	80 - 122	2	30
Dichlorodifluoromethane	ND	vs	59.3	51.0	vs	ug/Kg	☼	86	57 - 142	6	30
Ethylbenzene	ND	F1 vs	59.3	35.4	F1 vs	ug/Kg	☼	60	80 - 120	2	30
1,2-Dibromoethane	ND	F1 vs	59.3	35.9	F1 vs	ug/Kg	☼	60	78 - 120	3	30
Isopropylbenzene	ND	F1 vs	59.3	30.9	F1 vs	ug/Kg	☼	52	72 - 120	6	30
Methyl acetate	ND	vs	119	79.3	vs	ug/Kg	☼	67	55 - 136	5	30
Methyl tert-butyl ether	ND	vs	59.3	46.6	vs	ug/Kg	☼	79	63 - 125	0	30
Methylcyclohexane	ND	F1 vs	59.3	33.9	F1 vs	ug/Kg	☼	57	60 - 140	9	30
Methylene Chloride	ND	vs	59.3	57.8	vs	ug/Kg	☼	97	61 - 127	2	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-240036-7 MSD
Matrix: Solid
Analysis Batch: 779859

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779855

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene	ND	F1 vs	59.3	31.6	F1 vs	ug/Kg	☼	53	74 - 122	5	30
Toluene	ND	F1 vs	59.3	38.1	F1 vs	ug/Kg	☼	64	74 - 128	1	30
trans-1,2-Dichloroethene	ND	F1 vs	59.3	45.3	F1 vs	ug/Kg	☼	76	78 - 126	6	30
trans-1,3-Dichloropropene	ND	F1 vs	59.3	38.8	F1 vs	ug/Kg	☼	65	73 - 123	5	30
Trichloroethene	ND	vs	59.3	46.4	vs	ug/Kg	☼	78	77 - 129	2	30
Trichlorofluoromethane	ND	vs	59.3	43.3	vs	ug/Kg	☼	73	65 - 146	13	30
Vinyl chloride	ND	vs	59.3	50.6	vs	ug/Kg	☼	85	61 - 133	8	30
cis-1,3-Dichloropropene	ND	vs	59.3	52.4	vs	ug/Kg	☼	88	80 - 120	5	30
Styrene	ND	F1 vs	59.3	36.5	F1 vs	ug/Kg	☼	61	80 - 120	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*64 - 126*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*
Toluene-d8 (Surr)	*90*		*71 - 125*
Dibromofluoromethane (Surr)	*100*		*60 - 140*

Lab Sample ID: MB 480-779856/2-A
Matrix: Solid
Analysis Batch: 779862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
2-Hexanone	ND		25	2.5	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Acetone	6.40	J	25	4.2	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Benzene	ND		5.0	0.25	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Bromoform	ND		5.0	2.5	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Bromomethane	ND		5.0	0.45	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Chloroethane	ND		5.0	1.1	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Chloroform	0.759	J	5.0	0.31	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Chloromethane	ND		5.0	0.30	ug/Kg		07/02/26 18:26	07/02/26 21:25	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-779856/2-A
Matrix: Solid
Analysis Batch: 779862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Cyclohexane	ND		5.0	0.70	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Methyl acetate	ND		25	3.0	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Toluene	0.394	J	5.0	0.38	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Trichloroethene	ND		5.0	1.1	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Xylenes, Total	ND		10	0.84	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		07/02/26 18:26	07/02/26 21:25	1
Styrene	ND		5.0	0.25	ug/Kg		07/02/26 18:26	07/02/26 21:25	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5.47*	*T J*	*ug/Kg*		*11.39*	*N/A*	*07/02/26 18:26*	*07/02/26 21:25*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*07/02/26 18:26*	*07/02/26 21:25*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*07/02/26 18:26*	*07/02/26 21:25*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*07/02/26 18:26*	*07/02/26 21:25*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*07/02/26 18:26*	*07/02/26 21:25*	*1*

Lab Sample ID: LCS 480-779856/1-A
Matrix: Solid
Analysis Batch: 779862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	46.4		ug/Kg		93	77 - 121
1,1,2,2-Tetrachloroethane	50.0	50.9		ug/Kg		102	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.6		ug/Kg		91	60 - 140
1,1,2-Trichloroethane	50.0	51.7		ug/Kg		103	78 - 122
1,1-Dichloroethane	50.0	47.5		ug/Kg		95	73 - 126
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	59 - 125
1,2,4-Trichlorobenzene	50.0	47.2		ug/Kg		94	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	51.1		ug/Kg		102	63 - 124
1,2-Dichlorobenzene	50.0	48.6		ug/Kg		97	75 - 120
1,2-Dichloroethane	50.0	50.9		ug/Kg		102	77 - 122
1,2-Dichloropropane	50.0	50.1		ug/Kg		100	75 - 124

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-779856/1-A
Matrix: Solid
Analysis Batch: 779862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	50.0	49.8		ug/Kg		100	74 - 120
1,4-Dichlorobenzene	50.0	49.5		ug/Kg		99	73 - 120
2-Butanone (MEK)	250	272		ug/Kg		109	70 - 134
2-Hexanone	250	263		ug/Kg		105	59 - 130
4-Methyl-2-pentanone (MIBK)	250	248		ug/Kg		99	65 - 133
Acetone	250	231		ug/Kg		92	61 - 137
Benzene	50.0	49.4		ug/Kg		99	79 - 127
Bromoform	50.0	52.0		ug/Kg		104	68 - 126
Bromomethane	50.0	47.0		ug/Kg		94	37 - 149
Carbon disulfide	50.0	45.8		ug/Kg		92	64 - 131
Carbon tetrachloride	50.0	47.2		ug/Kg		94	75 - 135
Chlorobenzene	50.0	50.8		ug/Kg		102	76 - 124
Dibromochloromethane	50.0	52.6		ug/Kg		105	76 - 125
Chloroethane	50.0	47.2		ug/Kg		94	69 - 135
Chloroform	50.0	47.4		ug/Kg		95	80 - 120
Chloromethane	50.0	45.5		ug/Kg		91	63 - 127
cis-1,2-Dichloroethene	50.0	47.8		ug/Kg		96	81 - 120
Cyclohexane	50.0	44.8		ug/Kg		90	65 - 120
Bromodichloromethane	50.0	51.7		ug/Kg		103	80 - 122
Dichlorodifluoromethane	50.0	45.6		ug/Kg		91	57 - 142
Ethylbenzene	50.0	49.4		ug/Kg		99	80 - 120
1,2-Dibromoethane	50.0	52.3		ug/Kg		105	78 - 120
Isopropylbenzene	50.0	51.5		ug/Kg		103	72 - 120
Methyl acetate	100	97.1		ug/Kg		97	55 - 136
Methyl tert-butyl ether	50.0	46.1		ug/Kg		92	63 - 125
Methylcyclohexane	50.0	46.7		ug/Kg		93	60 - 140
Methylene Chloride	50.0	47.4		ug/Kg		95	61 - 127
Tetrachloroethene	50.0	51.1		ug/Kg		102	74 - 122
Toluene	50.0	49.2		ug/Kg		98	74 - 128
trans-1,2-Dichloroethene	50.0	47.7		ug/Kg		95	78 - 126
trans-1,3-Dichloropropene	50.0	54.2		ug/Kg		108	73 - 123
Trichloroethene	50.0	52.0		ug/Kg		104	77 - 129
Trichlorofluoromethane	50.0	49.3		ug/Kg		99	65 - 146
Vinyl chloride	50.0	45.5		ug/Kg		91	61 - 133
cis-1,3-Dichloropropene	50.0	54.5		ug/Kg		109	80 - 120
Styrene	50.0	50.2		ug/Kg		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*
Toluene-d8 (Surr)	*101*		*71 - 125*
Dibromofluoromethane (Surr)	*97*		*60 - 140*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-779769/1-A
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779769

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	32	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
bis (2-chloroisopropyl) ether	ND		170	35	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2,4,5-Trichlorophenol	ND		170	34	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2,4,6-Trichlorophenol	ND		170	26	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2,4-Dichlorophenol	ND		170	33	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2,4-Dimethylphenol	ND		170	36	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2,4-Dinitrophenol	ND		1700	32	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2,4-Dinitrotoluene	ND		170	23	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2,6-Dinitrotoluene	ND		170	24	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2-Chloronaphthalene	ND		170	32	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
1,4-Dioxane	ND		100	37	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2-Chlorophenol	ND		170	27	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2-Methylphenol	ND		170	27	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2-Methylnaphthalene	ND		170	27	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2-Nitroaniline	ND		330	29	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
2-Nitrophenol	ND		170	19	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
3,3'-Dichlorobenzidine	ND		330	50	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
3-Nitroaniline	ND		330	24	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
4,6-Dinitro-2-methylphenol	ND		330	37	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
4-Bromophenyl phenyl ether	ND		170	29	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
4-Chloro-3-methylphenol	ND		170	35	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
4-Chloroaniline	ND		170	24	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
4-Chlorophenyl phenyl ether	ND		170	36	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
4-Methylphenol	ND		330	30	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
4-Nitroaniline	ND		330	25	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
4-Nitrophenol	ND		330	46	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Acenaphthene	ND		170	31	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Acenaphthylene	ND		170	33	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Acetophenone	ND		170	30	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Anthracene	ND		170	31	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Atrazine	ND		170	57	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Benzaldehyde	ND		170	130	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Benzo[a]anthracene	ND		170	23	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Benzo[a]pyrene	ND		170	29	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Benzo[b]fluoranthene	ND		170	23	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Benzo[g,h,i]perylene	ND		170	30	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Benzo[k]fluoranthene	ND		170	38	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Bis(2-chloroethoxy)methane	ND		170	32	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Bis(2-chloroethyl)ether	ND		170	32	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Bis(2-ethylhexyl) phthalate	ND		170	37	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Butyl benzyl phthalate	ND		170	31	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Caprolactam	ND		170	39	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Carbazole	ND		170	33	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Chrysene	ND		170	41	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Dibenz(a,h)anthracene	ND		170	34	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Di-n-butyl phthalate	ND		170	38	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Di-n-octyl phthalate	ND		170	32	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Dibenzofuran	ND		170	30	ug/Kg		07/02/26 06:27	07/06/26 23:12	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-779769/1-A
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779769

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		170	30	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Dimethyl phthalate	ND		170	33	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Fluoranthene	ND		170	31	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Fluorene	ND		170	31	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Hexachlorobenzene	ND		170	33	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Hexachlorobutadiene	ND		170	25	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Hexachlorocyclopentadiene	ND		330	74	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Hexachloroethane	ND		170	31	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Indeno[1,2,3-cd]pyrene	ND		170	25	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Isophorone	ND		170	35	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
N-Nitrosodi-n-propylamine	ND		170	38	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
N-Nitrosodiphenylamine	ND		170	28	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Naphthalene	ND		170	28	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Nitrobenzene	ND		170	28	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Pentachlorophenol	ND		330	54	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Phenanthrene	ND		170	32	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Phenol	ND		170	31	ug/Kg		07/02/26 06:27	07/06/26 23:12	1
Pyrene	ND		170	32	ug/Kg		07/02/26 06:27	07/06/26 23:12	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5540*	*T J*	*ug/Kg*		*3.49*	*N/A*	*07/02/26 06:27*	*07/06/26 23:12*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*73*		*22 - 120*	*07/02/26 06:27*	*07/06/26 23:12*	*1*
Phenol-d5 (Surr)	*69*		*23 - 120*	*07/02/26 06:27*	*07/06/26 23:12*	*1*
p-Terphenyl-d14 (Surr)	*83*		*28 - 124*	*07/02/26 06:27*	*07/06/26 23:12*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 140*	*07/02/26 06:27*	*07/06/26 23:12*	*1*
2-Fluorobiphenyl (Surr)	*80*		*29 - 120*	*07/02/26 06:27*	*07/06/26 23:12*	*1*
2-Fluorophenol (Surr)	*67*		*18 - 120*	*07/02/26 06:27*	*07/06/26 23:12*	*1*

Lab Sample ID: LCS 480-779769/2-A
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779769

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	2670	2020		ug/Kg		76	47 - 120
bis (2-chloroisopropyl) ether	2670	1810		ug/Kg		68	31 - 120
2,4,5-Trichlorophenol	2670	2150		ug/Kg		81	52 - 120
2,4,6-Trichlorophenol	2670	2160		ug/Kg		81	51 - 120
2,4-Dichlorophenol	2670	2050		ug/Kg		77	44 - 120
2,4-Dimethylphenol	2670	2060		ug/Kg		77	48 - 120
2,4-Dinitrophenol	5330	4550		ug/Kg		85	28 - 120
2,4-Dinitrotoluene	2670	2410		ug/Kg		91	55 - 125
2,6-Dinitrotoluene	2670	2310		ug/Kg		87	51 - 125
2-Chloronaphthalene	2670	2060		ug/Kg		77	46 - 120
1,4-Dioxane	2670	1170		ug/Kg		44	22 - 120
2-Chlorophenol	2670	1940		ug/Kg		73	40 - 120
2-Methylphenol	2670	2010		ug/Kg		76	41 - 120

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-779769/2-A
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779769

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylnaphthalene	2670	2010		ug/Kg		75	45 - 120
2-Nitroaniline	2670	2280		ug/Kg		85	51 - 125
2-Nitrophenol	2670	2200		ug/Kg		82	43 - 120
3,3'-Dichlorobenzidine	2670	1920		ug/Kg		72	10 - 120
3-Nitroaniline	2670	2070		ug/Kg		77	33 - 120
4,6-Dinitro-2-methylphenol	5330	5220		ug/Kg		98	49 - 126
4-Bromophenyl phenyl ether	2670	2170		ug/Kg		81	55 - 123
4-Chloro-3-methylphenol	2670	2180		ug/Kg		82	54 - 120
4-Chloroaniline	2670	1760		ug/Kg		66	20 - 120
4-Chlorophenyl phenyl ether	2670	2190		ug/Kg		82	54 - 120
4-Methylphenol	2670	2010		ug/Kg		75	43 - 120
4-Nitroaniline	2670	2220		ug/Kg		83	54 - 120
4-Nitrophenol	5330	4700		ug/Kg		88	47 - 120
Acenaphthene	2670	2060		ug/Kg		77	49 - 121
Acenaphthylene	2670	2040		ug/Kg		77	49 - 120
Acetophenone	2670	1950		ug/Kg		73	39 - 120
Anthracene	2670	2180		ug/Kg		82	57 - 120
Atrazine	2670	2570		ug/Kg		97	44 - 120
Benzaldehyde	2670	1940		ug/Kg		73	10 - 120
Benzo[a]anthracene	2670	2200		ug/Kg		83	58 - 120
Benzo[a]pyrene	2670	2210		ug/Kg		83	59 - 122
Benzo[b]fluoranthene	2670	2260		ug/Kg		85	56 - 120
Benzo[g,h,i]perylene	2670	2490		ug/Kg		93	56 - 132
Benzo[k]fluoranthene	2670	2110		ug/Kg		79	59 - 127
Bis(2-chloroethoxy)methane	2670	1990		ug/Kg		75	42 - 120
Bis(2-chloroethyl)ether	2670	1860		ug/Kg		70	34 - 120
Bis(2-ethylhexyl) phthalate	2670	2110		ug/Kg		79	49 - 130
Butyl benzyl phthalate	2670	2120		ug/Kg		79	50 - 122
Caprolactam	2670	2280		ug/Kg		86	10 - 120
Carbazole	2670	2280		ug/Kg		85	58 - 124
Chrysene	2670	2160		ug/Kg		81	57 - 120
Dibenz(a,h)anthracene	2670	2480		ug/Kg		93	53 - 124
Di-n-butyl phthalate	2670	2190		ug/Kg		82	49 - 120
Di-n-octyl phthalate	2670	2170		ug/Kg		81	42 - 125
Dibenzofuran	2670	2110		ug/Kg		79	53 - 120
Diethyl phthalate	2670	2200		ug/Kg		82	54 - 120
Dimethyl phthalate	2670	2190		ug/Kg		82	53 - 120
Fluoranthene	2670	2240		ug/Kg		84	57 - 121
Fluorene	2670	2170		ug/Kg		81	55 - 121
Hexachlorobenzene	2670	2200		ug/Kg		83	56 - 120
Hexachlorobutadiene	2670	1870		ug/Kg		70	40 - 120
Hexachlorocyclopentadiene	2670	1560		ug/Kg		59	30 - 125
Hexachloroethane	2670	1740		ug/Kg		65	34 - 120
Indeno[1,2,3-cd]pyrene	2670	2480		ug/Kg		93	53 - 125
Isophorone	2670	2040		ug/Kg		77	46 - 120
N-Nitrosodi-n-propylamine	2670	2000		ug/Kg		75	41 - 120
N-Nitrosodiphenylamine	2670	2190		ug/Kg		82	57 - 126
Naphthalene	2670	1910		ug/Kg		72	43 - 120
Nitrobenzene	2670	2020		ug/Kg		76	40 - 120

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-779769/2-A
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779769

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pentachlorophenol			5330	4260		ug/Kg		80	10 - 124		
Phenanthrene			2670	2180		ug/Kg		82	57 - 120		
Phenol			2670	1960		ug/Kg		74	37 - 120		
Pyrene			2670	2140		ug/Kg		80	59 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*80*		*22 - 120*
Phenol-d5 (Surr)	*77*		*23 - 120*
p-Terphenyl-d14 (Surr)	*86*		*28 - 124*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 140*
2-Fluorobiphenyl (Surr)	*82*		*29 - 120*
2-Fluorophenol (Surr)	*74*		*18 - 120*

Lab Sample ID: 480-240036-5 MS
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779769

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Biphenyl	ND		3130	2550		ug/Kg	☼	81	58 - 120		
bis (2-chloroisopropyl) ether	ND		3130	2160		ug/Kg	☼	69	31 - 120		
2,4,5-Trichlorophenol	ND		3130	2740		ug/Kg	☼	88	46 - 120		
2,4,6-Trichlorophenol	ND		3130	2670		ug/Kg	☼	85	41 - 123		
2,4-Dichlorophenol	ND		3130	2540		ug/Kg	☼	81	45 - 120		
2,4-Dimethylphenol	ND		3130	2470		ug/Kg	☼	79	52 - 120		
2,4-Dinitrophenol	ND		6270	4520		ug/Kg	☼	72	41 - 146		
2,4-Dinitrotoluene	ND		3130	3090		ug/Kg	☼	99	63 - 125		
2,6-Dinitrotoluene	ND		3130	2920		ug/Kg	☼	93	66 - 120		
2-Chloronaphthalene	ND		3130	2590		ug/Kg	☼	83	57 - 120		
1,4-Dioxane	ND		3130	1230		ug/Kg	☼	39	13 - 120		
2-Chlorophenol	ND		3130	2350		ug/Kg	☼	75	43 - 120		
2-Methylphenol	ND		3130	2400		ug/Kg	☼	77	48 - 120		
2-Methylnaphthalene	ND		3130	2540		ug/Kg	☼	81	55 - 120		
2-Nitroaniline	ND		3130	2860		ug/Kg	☼	91	61 - 120		
2-Nitrophenol	ND		3130	2710		ug/Kg	☼	86	37 - 120		
3,3'-Dichlorobenzidine	ND		3130	2570		ug/Kg	☼	82	37 - 126		
3-Nitroaniline	ND		3130	2760		ug/Kg	☼	88	48 - 120		
4,6-Dinitro-2-methylphenol	ND		6270	5710		ug/Kg	☼	91	23 - 149		
4-Bromophenyl phenyl ether	ND		3130	2810		ug/Kg	☼	90	58 - 120		
4-Chloro-3-methylphenol	ND		3130	2710		ug/Kg	☼	87	49 - 125		
4-Chloroaniline	ND		3130	2240		ug/Kg	☼	71	38 - 120		
4-Chlorophenyl phenyl ether	ND		3130	2800		ug/Kg	☼	89	63 - 124		
4-Methylphenol	ND		3130	2450		ug/Kg	☼	78	50 - 120		
4-Nitroaniline	ND		3130	2750		ug/Kg	☼	88	47 - 120		
4-Nitrophenol	ND		6270	5860		ug/Kg	☼	94	31 - 147		
Acenaphthene	ND		3130	2590		ug/Kg	☼	83	60 - 120		
Acenaphthylene	ND		3130	2580		ug/Kg	☼	82	58 - 121		
Acetophenone	ND		3130	2380		ug/Kg	☼	76	47 - 120		
Anthracene	ND		3130	2790		ug/Kg	☼	89	62 - 120		

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-240036-5 MS
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779769

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Atrazine	ND		3130	3320		ug/Kg	☼	106	60 - 150
Benzaldehyde	ND		3130	2430		ug/Kg	☼	77	10 - 150
Benzo[a]anthracene	72	J	3130	2860		ug/Kg	☼	89	65 - 120
Benzo[a]pyrene	100	J	3130	2910		ug/Kg	☼	90	64 - 120
Benzo[b]fluoranthene	150	J	3130	2910		ug/Kg	☼	88	10 - 150
Benzo[g,h,i]perylene	100	J	3130	3200		ug/Kg	☼	99	45 - 145
Benzo[k]fluoranthene	57	J	3130	2710		ug/Kg	☼	85	23 - 150
Bis(2-chloroethoxy)methane	ND		3130	2460		ug/Kg	☼	78	52 - 120
Bis(2-chloroethyl)ether	ND		3130	2260		ug/Kg	☼	72	45 - 120
Bis(2-ethylhexyl) phthalate	62	J	3130	2860		ug/Kg	☼	89	61 - 133
Butyl benzyl phthalate	ND		3130	2850		ug/Kg	☼	91	61 - 120
Caprolactam	ND		3130	2980		ug/Kg	☼	95	37 - 133
Carbazole	ND		3130	2880		ug/Kg	☼	92	59 - 120
Chrysene	91	J	3130	2850		ug/Kg	☼	88	64 - 120
Dibenz(a,h)anthracene	ND		3130	3150		ug/Kg	☼	100	54 - 132
Di-n-butyl phthalate	ND		3130	2810		ug/Kg	☼	90	58 - 130
Di-n-octyl phthalate	ND		3130	2970		ug/Kg	☼	95	57 - 133
Dibenzofuran	ND		3130	2650		ug/Kg	☼	85	62 - 120
Diethyl phthalate	ND		3130	2790		ug/Kg	☼	89	66 - 120
Dimethyl phthalate	ND		3130	2760		ug/Kg	☼	88	65 - 124
Fluoranthene	150	J	3130	3000		ug/Kg	☼	91	62 - 120
Fluorene	ND		3130	2760		ug/Kg	☼	88	63 - 120
Hexachlorobenzene	ND		3130	2770		ug/Kg	☼	88	60 - 120
Hexachlorobutadiene	ND		3130	2330		ug/Kg	☼	74	45 - 120
Hexachlorocyclopentadiene	ND		3130	1740		ug/Kg	☼	55	31 - 120
Hexachloroethane	ND		3130	2060		ug/Kg	☼	66	21 - 120
Indeno[1,2,3-cd]pyrene	80	J	3130	3200		ug/Kg	☼	99	56 - 134
Isophorone	ND		3130	2550		ug/Kg	☼	81	56 - 120
N-Nitrosodi-n-propylamine	ND		3130	2390		ug/Kg	☼	76	46 - 120
N-Nitrosodiphenylamine	ND		3130	2720		ug/Kg	☼	87	20 - 128
Naphthalene	ND		3130	2350		ug/Kg	☼	75	46 - 120
Nitrobenzene	ND		3130	2440		ug/Kg	☼	78	49 - 120
Pentachlorophenol	ND		6270	4220		ug/Kg	☼	67	10 - 136
Phenanthrene	61	J	3130	2780		ug/Kg	☼	87	60 - 122
Phenol	ND		3130	2330		ug/Kg	☼	74	50 - 120
Pyrene	110	J	3130	2850		ug/Kg	☼	88	61 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*83*		*22 - 120*
Phenol-d5 (Surr)	*80*		*23 - 120*
p-Terphenyl-d14 (Surr)	*97*		*28 - 124*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 140*
2-Fluorobiphenyl (Surr)	*88*		*29 - 120*
2-Fluorophenol (Surr)	*75*		*18 - 120*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-240036-5 MSD
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779769

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Biphenyl	ND		3090	2640		ug/Kg	☼	85	58 - 120	3	20
bis (2-chloroisopropyl) ether	ND		3090	2360		ug/Kg	☼	76	31 - 120	9	24
2,4,5-Trichlorophenol	ND		3090	2770		ug/Kg	☼	90	46 - 120	1	18
2,4,6-Trichlorophenol	ND		3090	2750		ug/Kg	☼	89	41 - 123	3	19
2,4-Dichlorophenol	ND		3090	2660		ug/Kg	☼	86	45 - 120	5	19
2,4-Dimethylphenol	ND		3090	2580		ug/Kg	☼	83	52 - 120	4	42
2,4-Dinitrophenol	ND		6190	4670		ug/Kg	☼	75	41 - 146	3	22
2,4-Dinitrotoluene	ND		3090	3110		ug/Kg	☼	101	63 - 125	1	20
2,6-Dinitrotoluene	ND		3090	3030		ug/Kg	☼	98	66 - 120	4	15
2-Chloronaphthalene	ND		3090	2640		ug/Kg	☼	85	57 - 120	2	21
1,4-Dioxane	ND		3090	1310		ug/Kg	☼	42	13 - 120	6	50
2-Chlorophenol	ND		3090	2560		ug/Kg	☼	83	43 - 120	8	25
2-Methylphenol	ND		3090	2550		ug/Kg	☼	83	48 - 120	6	27
2-Methylnaphthalene	ND		3090	2610		ug/Kg	☼	84	55 - 120	3	21
2-Nitroaniline	ND		3090	2970		ug/Kg	☼	96	61 - 120	4	15
2-Nitrophenol	ND		3090	2890		ug/Kg	☼	93	37 - 120	6	18
3,3'-Dichlorobenzidine	ND		3090	2380		ug/Kg	☼	77	37 - 126	8	25
3-Nitroaniline	ND		3090	2790		ug/Kg	☼	90	48 - 120	1	19
4,6-Dinitro-2-methylphenol	ND		6190	5890		ug/Kg	☼	95	23 - 149	3	15
4-Bromophenyl phenyl ether	ND		3090	2760		ug/Kg	☼	89	58 - 120	2	15
4-Chloro-3-methylphenol	ND		3090	2850		ug/Kg	☼	92	49 - 125	5	27
4-Chloroaniline	ND		3090	2260		ug/Kg	☼	73	38 - 120	1	22
4-Chlorophenyl phenyl ether	ND		3090	2820		ug/Kg	☼	91	63 - 124	1	16
4-Methylphenol	ND		3090	2660		ug/Kg	☼	86	50 - 120	8	24
4-Nitroaniline	ND		3090	2810		ug/Kg	☼	91	47 - 120	2	24
4-Nitrophenol	ND		6190	6340		ug/Kg	☼	103	31 - 147	8	25
Acenaphthene	ND		3090	2670		ug/Kg	☼	86	60 - 120	3	35
Acenaphthylene	ND		3090	2630		ug/Kg	☼	85	58 - 121	2	18
Acetophenone	ND		3090	2510		ug/Kg	☼	81	47 - 120	5	20
Anthracene	ND		3090	2790		ug/Kg	☼	90	62 - 120	0	15
Atrazine	ND		3090	3510		ug/Kg	☼	113	60 - 150	5	20
Benzaldehyde	ND		3090	2550		ug/Kg	☼	82	10 - 150	5	20
Benzo[a]anthracene	72	J	3090	2900		ug/Kg	☼	92	65 - 120	1	15
Benzo[a]pyrene	100	J	3090	2920		ug/Kg	☼	91	64 - 120	0	15
Benzo[b]fluoranthene	150	J	3090	2800		ug/Kg	☼	86	10 - 150	4	15
Benzo[g,h,i]perylene	100	J	3090	3120		ug/Kg	☼	97	45 - 145	3	15
Benzo[k]fluoranthene	57	J	3090	2740		ug/Kg	☼	87	23 - 150	1	22
Bis(2-chloroethoxy)methane	ND		3090	2490		ug/Kg	☼	80	52 - 120	1	17
Bis(2-chloroethyl)ether	ND		3090	2370		ug/Kg	☼	77	45 - 120	5	21
Bis(2-ethylhexyl) phthalate	62	J	3090	2850		ug/Kg	☼	90	61 - 133	0	15
Butyl benzyl phthalate	ND		3090	2820		ug/Kg	☼	91	61 - 120	1	16
Caprolactam	ND		3090	3150		ug/Kg	☼	102	37 - 133	5	20
Carbazole	ND		3090	2860		ug/Kg	☼	92	59 - 120	1	20
Chrysene	91	J	3090	2820		ug/Kg	☼	88	64 - 120	1	15
Dibenz(a,h)anthracene	ND		3090	3100		ug/Kg	☼	100	54 - 132	2	15
Di-n-butyl phthalate	ND		3090	2840		ug/Kg	☼	92	58 - 130	1	15
Di-n-octyl phthalate	ND		3090	2960		ug/Kg	☼	96	57 - 133	0	16
Dibenzofuran	ND		3090	2740		ug/Kg	☼	88	62 - 120	3	15

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-240036-5 MSD
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779769

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	ND		3090	2860		ug/Kg	☼	92	66 - 120	2	15
Dimethyl phthalate	ND		3090	2790		ug/Kg	☼	90	65 - 124	1	15
Fluoranthene	150	J	3090	3100		ug/Kg	☼	96	62 - 120	3	15
Fluorene	ND		3090	2850		ug/Kg	☼	92	63 - 120	3	15
Hexachlorobenzene	ND		3090	2730		ug/Kg	☼	88	60 - 120	1	15
Hexachlorobutadiene	ND		3090	2390		ug/Kg	☼	77	45 - 120	3	44
Hexachlorocyclopentadiene	ND		3090	1840		ug/Kg	☼	60	31 - 120	6	49
Hexachloroethane	ND		3090	2220		ug/Kg	☼	72	21 - 120	7	46
Indeno[1,2,3-cd]pyrene	80	J	3090	3170		ug/Kg	☼	100	56 - 134	1	15
Isophorone	ND		3090	2600		ug/Kg	☼	84	56 - 120	2	17
N-Nitrosodi-n-propylamine	ND		3090	2540		ug/Kg	☼	82	46 - 120	6	31
N-Nitrosodiphenylamine	ND		3090	2710		ug/Kg	☼	88	20 - 128	0	15
Naphthalene	ND		3090	2440		ug/Kg	☼	79	46 - 120	4	29
Nitrobenzene	ND		3090	2560		ug/Kg	☼	83	49 - 120	5	24
Pentachlorophenol	ND		6190	4840		ug/Kg	☼	78	10 - 136	14	35
Phenanthrene	61	J	3090	2840		ug/Kg	☼	90	60 - 122	2	15
Phenol	ND		3090	2550		ug/Kg	☼	82	50 - 120	9	35
Pyrene	110	J	3090	2840		ug/Kg	☼	88	61 - 133	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*88*		*22 - 120*
Phenol-d5 (Surr)	*87*		*23 - 120*
p-Terphenyl-d14 (Surr)	*96*		*28 - 124*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 140*
2-Fluorobiphenyl (Surr)	*90*		*29 - 120*
2-Fluorophenol (Surr)	*82*		*18 - 120*

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779769

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	ND	F2	3080	2800		ug/Kg	☼	91	58 - 120
bis (2-chloroisopropyl) ether	ND	F2	3080	2430		ug/Kg	☼	79	31 - 120
2,4,5-Trichlorophenol	ND		3080	2830		ug/Kg	☼	92	46 - 120
2,4,6-Trichlorophenol	ND		3080	2820		ug/Kg	☼	92	41 - 123
2,4-Dichlorophenol	ND	F2	3080	2710		ug/Kg	☼	88	45 - 120
2,4-Dimethylphenol	ND		3080	2680		ug/Kg	☼	87	52 - 120
2,4-Dinitrophenol	ND		6160	4320		ug/Kg	☼	70	41 - 146
2,4-Dinitrotoluene	ND		3080	3140		ug/Kg	☼	102	63 - 125
2,6-Dinitrotoluene	ND		3080	3080		ug/Kg	☼	100	66 - 120
2-Chloronaphthalene	ND		3080	2760		ug/Kg	☼	90	57 - 120
1,4-Dioxane	ND	F2	3080	1460		ug/Kg	☼	47	13 - 120
2-Chlorophenol	ND	F2	3080	2610		ug/Kg	☼	85	43 - 120
2-Methylphenol	ND		3080	2620		ug/Kg	☼	85	48 - 120
2-Methylnaphthalene	ND	F2	3080	2730		ug/Kg	☼	89	55 - 120
2-Nitroaniline	ND		3080	3050		ug/Kg	☼	99	61 - 120
2-Nitrophenol	ND	F2	3080	2990		ug/Kg	☼	97	37 - 120

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779769

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
3,3'-Dichlorobenzidine	ND		3080	2700		ug/Kg	☼	88	37 - 126
3-Nitroaniline	ND		3080	2780		ug/Kg	☼	90	48 - 120
4,6-Dinitro-2-methylphenol	ND		6160	5860		ug/Kg	☼	95	23 - 149
4-Bromophenyl phenyl ether	ND		3080	2960		ug/Kg	☼	96	58 - 120
4-Chloro-3-methylphenol	ND		3080	2860		ug/Kg	☼	93	49 - 125
4-Chloroaniline	ND		3080	2300		ug/Kg	☼	75	38 - 120
4-Chlorophenyl phenyl ether	ND		3080	2820		ug/Kg	☼	92	63 - 124
4-Methylphenol	ND	F2	3080	2750		ug/Kg	☼	89	50 - 120
4-Nitroaniline	ND		3080	2720		ug/Kg	☼	88	47 - 120
4-Nitrophenol	ND		6160	5970		ug/Kg	☼	97	31 - 147
Acenaphthene	ND		3080	2780		ug/Kg	☼	90	60 - 120
Acenaphthylene	ND		3080	2860		ug/Kg	☼	93	58 - 121
Acetophenone	ND	F2	3080	2650		ug/Kg	☼	86	47 - 120
Anthracene	ND		3080	3020		ug/Kg	☼	98	62 - 120
Atrazine	ND		3080	3400		ug/Kg	☼	110	60 - 150
Benzaldehyde	ND	F2	3080	2750		ug/Kg	☼	89	10 - 150
Benzo[a]anthracene	ND	F2 F1	3080	4180	F1	ug/Kg	☼	136	65 - 120
Benzo[a]pyrene	ND	F2 F1	3080	3870	F1	ug/Kg	☼	126	64 - 120
Benzo[b]fluoranthene	ND	F2	3080	4540		ug/Kg	☼	147	10 - 150
Benzo[g,h,i]perylene	ND		3080	3690		ug/Kg	☼	120	45 - 145
Benzo[k]fluoranthene	ND		3080	3200		ug/Kg	☼	104	23 - 150
Bis(2-chloroethoxy)methane	ND	F2	3080	2620		ug/Kg	☼	85	52 - 120
Bis(2-chloroethyl)ether	ND	F2	3080	2480		ug/Kg	☼	80	45 - 120
Bis(2-ethylhexyl) phthalate	56	J	3080	3000		ug/Kg	☼	96	61 - 133
Butyl benzyl phthalate	ND		3080	3010		ug/Kg	☼	98	61 - 120
Caprolactam	ND		3080	3060		ug/Kg	☼	99	37 - 133
Carbazole	ND		3080	3060		ug/Kg	☼	99	59 - 120
Chrysene	ND	F2 F1	3080	4260	F1	ug/Kg	☼	138	64 - 120
Dibenz(a,h)anthracene	ND		3080	3300		ug/Kg	☼	107	54 - 132
Di-n-butyl phthalate	ND		3080	3030		ug/Kg	☼	98	58 - 130
Di-n-octyl phthalate	ND		3080	3120		ug/Kg	☼	101	57 - 133
Dibenzofuran	ND		3080	2830		ug/Kg	☼	92	62 - 120
Diethyl phthalate	ND		3080	2880		ug/Kg	☼	94	66 - 120
Dimethyl phthalate	ND		3080	2900		ug/Kg	☼	94	65 - 124
Fluoranthene	ND	F2 F1	3080	5560	F1	ug/Kg	☼	180	62 - 120
Fluorene	ND		3080	2980		ug/Kg	☼	97	63 - 120
Hexachlorobenzene	ND		3080	2920		ug/Kg	☼	95	60 - 120
Hexachlorobutadiene	ND		3080	2410		ug/Kg	☼	78	45 - 120
Hexachlorocyclopentadiene	ND		3080	1800		ug/Kg	☼	59	31 - 120
Hexachloroethane	ND		3080	2240		ug/Kg	☼	73	21 - 120
Indeno[1,2,3-cd]pyrene	ND		3080	3800		ug/Kg	☼	123	56 - 134
Isophorone	ND	F2	3080	2750		ug/Kg	☼	89	56 - 120
N-Nitrosodi-n-propylamine	ND		3080	2740		ug/Kg	☼	89	46 - 120
N-Nitrosodiphenylamine	ND		3080	2900		ug/Kg	☼	94	20 - 128
Naphthalene	ND	F2	3080	2540		ug/Kg	☼	82	46 - 120
Nitrobenzene	ND	F2	3080	2640		ug/Kg	☼	86	49 - 120
Pentachlorophenol	ND		6160	4640		ug/Kg	☼	75	10 - 136
Phenanthrene	ND	F2 F1	3080	3810	F1	ug/Kg	☼	124	60 - 122
Phenol	ND		3080	2620		ug/Kg	☼	85	50 - 120

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779769

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Pyrene	ND	F1	3080	4530	F1	ug/Kg	☼	147	61 - 133		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*90*		*22 - 120*
Phenol-d5 (Surr)	*90*		*23 - 120*
p-Terphenyl-d14 (Surr)	*99*		*28 - 124*
2,4,6-Tribromophenol (Surr)	*102*		*10 - 140*
2-Fluorobiphenyl (Surr)	*96*		*29 - 120*
2-Fluorophenol (Surr)	*85*		*18 - 120*

Lab Sample ID: 480-240036-7 MSD
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779769

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Biphenyl	ND	F2	3100	2250	F2	ug/Kg	☼	72	58 - 120	22	20
bis (2-chloroisopropyl) ether	ND	F2	3100	1670	F2	ug/Kg	☼	54	31 - 120	37	24
2,4,5-Trichlorophenol	ND		3100	2560		ug/Kg	☼	83	46 - 120	10	18
2,4,6-Trichlorophenol	ND		3100	2440		ug/Kg	☼	79	41 - 123	14	19
2,4-Dichlorophenol	ND	F2	3100	2200	F2	ug/Kg	☼	71	45 - 120	21	19
2,4-Dimethylphenol	ND		3100	2160		ug/Kg	☼	70	52 - 120	21	42
2,4-Dinitrophenol	ND		6210	4650		ug/Kg	☼	75	41 - 146	7	22
2,4-Dinitrotoluene	ND		3100	3000		ug/Kg	☼	97	63 - 125	4	20
2,6-Dinitrotoluene	ND		3100	2800		ug/Kg	☼	90	66 - 120	9	15
2-Chloronaphthalene	ND		3100	2250		ug/Kg	☼	73	57 - 120	20	21
1,4-Dioxane	ND	F2	3100	587	F2	ug/Kg	☼	19	13 - 120	85	50
2-Chlorophenol	ND	F2	3100	1830	F2	ug/Kg	☼	59	43 - 120	35	25
2-Methylphenol	ND		3100	2000		ug/Kg	☼	64	48 - 120	27	27
2-Methylnaphthalene	ND	F2	3100	2090	F2	ug/Kg	☼	67	55 - 120	26	21
2-Nitroaniline	ND		3100	2750		ug/Kg	☼	89	61 - 120	10	15
2-Nitrophenol	ND	F2	3100	2240	F2	ug/Kg	☼	72	37 - 120	29	18
3,3'-Dichlorobenzidine	ND		3100	2640		ug/Kg	☼	85	37 - 126	2	25
3-Nitroaniline	ND		3100	2770		ug/Kg	☼	89	48 - 120	0	19
4,6-Dinitro-2-methylphenol	ND		6210	5530		ug/Kg	☼	89	23 - 149	6	15
4-Bromophenyl phenyl ether	ND		3100	2560		ug/Kg	☼	82	58 - 120	15	15
4-Chloro-3-methylphenol	ND		3100	2560		ug/Kg	☼	82	49 - 125	11	27
4-Chloroaniline	ND		3100	2090		ug/Kg	☼	67	38 - 120	10	22
4-Chlorophenyl phenyl ether	ND		3100	2580		ug/Kg	☼	83	63 - 124	9	16
4-Methylphenol	ND	F2	3100	2070	F2	ug/Kg	☼	67	50 - 120	28	24
4-Nitroaniline	ND		3100	2860		ug/Kg	☼	92	47 - 120	5	24
4-Nitrophenol	ND		6210	6030		ug/Kg	☼	97	31 - 147	1	25
Acenaphthene	ND		3100	2380		ug/Kg	☼	77	60 - 120	15	35
Acenaphthylene	ND		3100	2410		ug/Kg	☼	78	58 - 121	17	18
Acetophenone	ND	F2	3100	1890	F2	ug/Kg	☼	61	47 - 120	33	20
Anthracene	ND		3100	2710		ug/Kg	☼	87	62 - 120	11	15
Atrazine	ND		3100	3330		ug/Kg	☼	107	60 - 150	2	20
Benzaldehyde	ND	F2	3100	1730	F2	ug/Kg	☼	56	10 - 150	46	20
Benzo[a]anthracene	ND	F2 F1	3100	3310	F2	ug/Kg	☼	107	65 - 120	23	15

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-240036-7 MSD
Matrix: Solid
Analysis Batch: 779904

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779769

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]pyrene	ND	F2 F1	3100	3200	F2	ug/Kg	☼	103	64 - 120	19	15
Benzo[b]fluoranthene	ND	F2	3100	3660	F2	ug/Kg	☼	118	10 - 150	21	15
Benzo[g,h,i]perylene	ND		3100	3260		ug/Kg	☼	105	45 - 145	12	15
Benzo[k]fluoranthene	ND		3100	2690		ug/Kg	☼	87	23 - 150	17	22
Bis(2-chloroethoxy)methane	ND	F2	3100	1980	F2	ug/Kg	☼	64	52 - 120	28	17
Bis(2-chloroethyl)ether	ND	F2	3100	1680	F2	ug/Kg	☼	54	45 - 120	38	21
Bis(2-ethylhexyl) phthalate	56	J	3100	2710		ug/Kg	☼	85	61 - 133	10	15
Butyl benzyl phthalate	ND		3100	2700		ug/Kg	☼	87	61 - 120	11	16
Caprolactam	ND		3100	2890		ug/Kg	☼	93	37 - 133	5	20
Carbazole	ND		3100	2800		ug/Kg	☼	90	59 - 120	9	20
Chrysene	ND	F2 F1	3100	3330	F2	ug/Kg	☼	107	64 - 120	25	15
Dibenz(a,h)anthracene	ND		3100	3150		ug/Kg	☼	101	54 - 132	5	15
Di-n-butyl phthalate	ND		3100	2770		ug/Kg	☼	89	58 - 130	9	15
Di-n-octyl phthalate	ND		3100	2930		ug/Kg	☼	94	57 - 133	6	16
Dibenzofuran	ND		3100	2470		ug/Kg	☼	80	62 - 120	13	15
Diethyl phthalate	ND		3100	2700		ug/Kg	☼	87	66 - 120	6	15
Dimethyl phthalate	ND		3100	2620		ug/Kg	☼	84	65 - 124	10	15
Fluoranthene	ND	F2 F1	3100	4040	F1 F2	ug/Kg	☼	130	62 - 120	32	15
Fluorene	ND		3100	2640		ug/Kg	☼	85	63 - 120	12	15
Hexachlorobenzene	ND		3100	2570		ug/Kg	☼	83	60 - 120	13	15
Hexachlorobutadiene	ND		3100	1740		ug/Kg	☼	56	45 - 120	32	44
Hexachlorocyclopentadiene	ND		3100	1370		ug/Kg	☼	44	31 - 120	27	49
Hexachloroethane	ND		3100	1440		ug/Kg	☼	46	21 - 120	43	46
Indeno[1,2,3-cd]pyrene	ND		3100	3300		ug/Kg	☼	106	56 - 134	14	15
Isophorone	ND	F2	3100	2140	F2	ug/Kg	☼	69	56 - 120	25	17
N-Nitrosodi-n-propylamine	ND		3100	2010		ug/Kg	☼	65	46 - 120	31	31
N-Nitrosodiphenylamine	ND		3100	2520		ug/Kg	☼	81	20 - 128	14	15
Naphthalene	ND	F2	3100	1850	F2	ug/Kg	☼	60	46 - 120	31	29
Nitrobenzene	ND	F2	3100	1910	F2	ug/Kg	☼	61	49 - 120	32	24
Pentachlorophenol	ND		6210	4090		ug/Kg	☼	66	10 - 136	13	35
Phenanthrene	ND	F2 F1	3100	2980	F2	ug/Kg	☼	96	60 - 122	24	15
Phenol	ND		3100	1930		ug/Kg	☼	62	50 - 120	30	35
Pyrene	ND	F1	3100	3340		ug/Kg	☼	108	61 - 133	30	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*66*		*22 - 120*
Phenol-d5 (Surr)	*65*		*23 - 120*
p-Terphenyl-d14 (Surr)	*88*		*28 - 124*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 140*
2-Fluorobiphenyl (Surr)	*75*		*29 - 120*
2-Fluorophenol (Surr)	*57*		*18 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-779730/1-A
Matrix: Solid
Analysis Batch: 779771

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779730

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.3	0.65	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
4,4'-DDE	ND		3.3	0.70	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
4,4'-DDT	ND		3.3	0.78	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
beta-BHC	ND		3.3	0.60	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
cis-Chlordane	ND		3.3	1.7	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
alpha-BHC	ND		3.3	0.60	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Aldrin	ND		3.3	0.82	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
delta-BHC	ND		3.3	0.62	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Dieldrin	ND		3.3	0.80	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Endosulfan I	ND		3.3	0.64	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Endosulfan II	ND		3.3	0.60	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Endosulfan sulfate	ND		3.3	0.62	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Endrin	ND		3.3	0.66	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Endrin aldehyde	ND		3.3	0.85	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Endrin ketone	ND		3.3	0.82	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
gamma-BHC (Lindane)	ND		3.3	0.61	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
trans-Chlordane	ND		3.3	1.1	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Heptachlor	ND		3.3	0.72	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Heptachlor epoxide	ND		3.3	0.86	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Methoxychlor	ND		3.3	0.68	ug/Kg		07/01/26 13:26	07/02/26 08:47	1
Toxaphene	ND		33	19	ug/Kg		07/01/26 13:26	07/02/26 08:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*		*45 - 120*	*07/01/26 13:26*	*07/02/26 08:47*	*1*
DCB Decachlorobiphenyl	*95*		*45 - 120*	*07/01/26 13:26*	*07/02/26 08:47*	*1*
Tetrachloro-m-xylene	*103*		*30 - 124*	*07/01/26 13:26*	*07/02/26 08:47*	*1*
Tetrachloro-m-xylene	*82*		*30 - 124*	*07/01/26 13:26*	*07/02/26 08:47*	*1*

Lab Sample ID: LCS 480-779730/2-A
Matrix: Solid
Analysis Batch: 779771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779730

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	33.3	31.2		ug/Kg		94	56 - 120
4,4'-DDE	33.3	30.2		ug/Kg		91	44 - 120
4,4'-DDT	33.3	32.8		ug/Kg		98	38 - 120
beta-BHC	33.3	26.9		ug/Kg		81	40 - 120
cis-Chlordane	33.3	30.3		ug/Kg		91	47 - 120
alpha-BHC	33.3	26.6		ug/Kg		80	39 - 120
Aldrin	33.3	27.9		ug/Kg		84	38 - 120
delta-BHC	33.3	27.8		ug/Kg		83	45 - 120
Dieldrin	33.3	31.3		ug/Kg		94	58 - 120
Endosulfan I	33.3	32.0		ug/Kg		96	49 - 120
Endosulfan II	33.3	32.5		ug/Kg		97	55 - 120
Endosulfan sulfate	33.3	31.4		ug/Kg		94	49 - 124
Endrin	33.3	32.8		ug/Kg		98	58 - 120
Endrin aldehyde	33.3	30.2		ug/Kg		91	37 - 121
Endrin ketone	33.3	31.1		ug/Kg		93	46 - 123

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-779730/2-A
Matrix: Solid
Analysis Batch: 779771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779730

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
gamma-BHC (Lindane)	33.3	25.8		ug/Kg		77	50 - 120
trans-Chlordane	33.3	28.1		ug/Kg		84	48 - 120
Heptachlor	33.3	29.1		ug/Kg		87	50 - 120
Heptachlor epoxide	33.3	31.2		ug/Kg		94	50 - 120
Methoxychlor	33.3	31.3		ug/Kg		94	58 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*96*		*45 - 120*
DCB Decachlorobiphenyl	*94*		*45 - 120*
Tetrachloro-m-xylene	*95*		*30 - 124*
Tetrachloro-m-xylene	*80*		*30 - 124*

Lab Sample ID: 480-240036-5 MS
Matrix: Solid
Analysis Batch: 779771

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	ND		39.0	20.8		ug/Kg	☼	53	37 - 126
4,4'-DDE	ND		39.0	21.9		ug/Kg	☼	56	34 - 120
4,4'-DDT	ND		39.0	22.2		ug/Kg	☼	57	43 - 123
beta-BHC	ND		39.0	18.0		ug/Kg	☼	46	36 - 120
cis-Chlordane	ND		39.0	23.2		ug/Kg	☼	60	35 - 120
alpha-BHC	ND	F2	39.0	19.1		ug/Kg	☼	49	39 - 120
Aldrin	ND		39.0	25.5		ug/Kg	☼	65	37 - 125
delta-BHC	ND		39.0	14.0		ug/Kg	☼	36	34 - 120
Dieldrin	ND	F2	39.0	23.0		ug/Kg	☼	59	45 - 120
Endosulfan I	ND	F2	39.0	19.1		ug/Kg	☼	49	39 - 120
Endosulfan II	ND		39.0	17.2		ug/Kg	☼	44	34 - 126
Endosulfan sulfate	ND		39.0	15.7		ug/Kg	☼	40	27 - 130
Endrin	ND		39.0	23.3		ug/Kg	☼	60	47 - 121
Endrin aldehyde	ND		39.0	15.1		ug/Kg	☼	39	33 - 123
Endrin ketone	1.2	J	39.0	18.4		ug/Kg	☼	44	43 - 126
gamma-BHC (Lindane)	ND	F1 F2	39.0	16.9	F1	ug/Kg	☼	43	50 - 120
trans-Chlordane	ND		39.0	21.2		ug/Kg	☼	54	31 - 120
Heptachlor	ND		39.0	24.6		ug/Kg	☼	63	42 - 120
Heptachlor epoxide	ND	F2	39.0	23.9		ug/Kg	☼	61	40 - 120
Methoxychlor	ND	F2	39.0	19.3		ug/Kg	☼	49	44 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*58*		*45 - 120*
DCB Decachlorobiphenyl	*60*		*45 - 120*
Tetrachloro-m-xylene	*82*		*30 - 124*
Tetrachloro-m-xylene	*67*		*30 - 124*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-240036-5 MSD
Matrix: Solid
Analysis Batch: 779771

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779730

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND		39.2	25.4		ug/Kg	☼	65	37 - 126	20	21
4,4'-DDE	ND		39.2	25.3		ug/Kg	☼	65	34 - 120	14	18
4,4'-DDT	ND		39.2	27.6		ug/Kg	☼	70	43 - 123	22	25
beta-BHC	ND		39.2	21.5		ug/Kg	☼	55	36 - 120	18	19
cis-Chlordane	ND		39.2	27.2		ug/Kg	☼	70	35 - 120	16	23
alpha-BHC	ND	F2	39.2	22.4	F2	ug/Kg	☼	57	39 - 120	16	15
Aldrin	ND		39.2	28.0		ug/Kg	☼	71	37 - 125	9	12
delta-BHC	ND		39.2	16.1		ug/Kg	☼	41	34 - 120	14	14
Dieldrin	ND	F2	39.2	27.8	F2	ug/Kg	☼	71	45 - 120	19	12
Endosulfan I	ND	F2	39.2	23.2	F2	ug/Kg	☼	59	39 - 120	19	18
Endosulfan II	ND		39.2	20.0		ug/Kg	☼	51	34 - 126	15	26
Endosulfan sulfate	ND		39.2	18.7		ug/Kg	☼	48	27 - 130	18	35
Endrin	ND		39.2	28.3		ug/Kg	☼	72	47 - 121	19	20
Endrin aldehyde	ND		39.2	18.5		ug/Kg	☼	47	33 - 123	20	47
Endrin ketone	1.2	J	39.2	21.3		ug/Kg	☼	51	43 - 126	14	37
gamma-BHC (Lindane)	ND	F1 F2	39.2	20.8	F2	ug/Kg	☼	53	50 - 120	21	12
trans-Chlordane	ND		39.2	24.6		ug/Kg	☼	63	31 - 120	15	15
Heptachlor	ND		39.2	26.9		ug/Kg	☼	69	42 - 120	9	22
Heptachlor epoxide	ND	F2	39.2	28.0	F2	ug/Kg	☼	71	40 - 120	16	15
Methoxychlor	ND	F2	39.2	24.8	F2	ug/Kg	☼	63	44 - 150	25	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*70*		*45 - 120*
DCB Decachlorobiphenyl	*69*		*45 - 120*
Tetrachloro-m-xylene	*79*		*30 - 124*
Tetrachloro-m-xylene	*64*		*30 - 124*

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 779771

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	ND	F2	39.2	23.7		ug/Kg	☼	61	37 - 126
4,4'-DDE	ND	F2	39.2	19.8		ug/Kg	☼	51	34 - 120
4,4'-DDT	ND	F2	39.2	29.9		ug/Kg	☼	76	43 - 123
beta-BHC	ND	F1 F2	39.2	19.1		ug/Kg	☼	49	36 - 120
cis-Chlordane	ND	F2	39.2	24.7		ug/Kg	☼	63	35 - 120
alpha-BHC	ND	F2	39.2	23.1		ug/Kg	☼	59	39 - 120
Aldrin	ND	F2	39.2	28.6		ug/Kg	☼	73	37 - 125
delta-BHC	ND	F1 F2	39.2	20.4		ug/Kg	☼	52	34 - 120
Dieldrin	ND	F2	39.2	27.3		ug/Kg	☼	70	45 - 120
Endosulfan I	ND	F1 F2	39.2	24.7		ug/Kg	☼	63	39 - 120
Endosulfan II	ND	F1 F2	39.2	23.0		ug/Kg	☼	59	34 - 126
Endosulfan sulfate	ND	F2	39.2	16.5		ug/Kg	☼	42	27 - 130
Endrin	ND	F2	39.2	28.1		ug/Kg	☼	72	47 - 121
Endrin aldehyde	ND	F1 F2	39.2	18.3		ug/Kg	☼	47	33 - 123
Endrin ketone	ND	F1 F2	39.2	26.8		ug/Kg	☼	68	43 - 126
gamma-BHC (Lindane)	ND	F1 F2	39.2	21.6		ug/Kg	☼	55	50 - 120

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 779771

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
trans-Chlordane	ND	F2	39.2	21.6		ug/Kg	☼	55	31 - 120
Heptachlor	ND	F2	39.2	28.4		ug/Kg	☼	72	42 - 120
Heptachlor epoxide	ND	F2	39.2	26.9		ug/Kg	☼	69	40 - 120
Methoxychlor	ND	F1 F2	39.2	26.7		ug/Kg	☼	68	44 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*77*		*45 - 120*
DCB Decachlorobiphenyl	*134*	*S1+*	*45 - 120*
Tetrachloro-m-xylene	*86*		*30 - 124*
Tetrachloro-m-xylene	*66*		*30 - 124*

Lab Sample ID: 480-240036-7 MSD
Matrix: Solid
Analysis Batch: 779771

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779730

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND	F2	38.9	15.9	F2	ug/Kg	☼	41	37 - 126	39	21
4,4'-DDE	ND	F2	38.9	14.6	F2	ug/Kg	☼	38	34 - 120	30	18
4,4'-DDT	ND	F2	38.9	17.7	F2	ug/Kg	☼	46	43 - 123	51	25
beta-BHC	ND	F1 F2	38.9	13.0	F1 F2	ug/Kg	☼	33	36 - 120	38	19
cis-Chlordane	ND	F2	38.9	18.1	F2	ug/Kg	☼	47	35 - 120	31	23
alpha-BHC	ND	F2	38.9	15.3	F2	ug/Kg	☼	39	39 - 120	41	15
Aldrin	ND	F2	38.9	20.7	F2	ug/Kg	☼	53	37 - 125	32	12
delta-BHC	ND	F1 F2	38.9	10.7	F1 F2	ug/Kg	☼	28	34 - 120	62	14
Dieldrin	ND	F2	38.9	18.4	F2	ug/Kg	☼	47	45 - 120	39	12
Endosulfan I	ND	F1 F2	38.9	13.7	F1 F2	ug/Kg	☼	35	39 - 120	58	18
Endosulfan II	ND	F1 F2	38.9	12.0	F1 F2	ug/Kg	☼	31	34 - 126	63	26
Endosulfan sulfate	ND	F2	38.9	10.7	F2	ug/Kg	☼	27	27 - 130	43	35
Endrin	ND	F2	38.9	18.4	F2	ug/Kg	☼	47	47 - 121	42	20
Endrin aldehyde	ND	F1 F2	38.9	10.7	F1 F2	ug/Kg	☼	27	33 - 123	53	47
Endrin ketone	ND	F1 F2	38.9	13.3	F1 F2	ug/Kg	☼	34	43 - 126	67	37
gamma-BHC (Lindane)	ND	F1 F2	38.9	13.7	F1 F2	ug/Kg	☼	35	50 - 120	45	12
trans-Chlordane	ND	F2	38.9	15.9	F2	ug/Kg	☼	41	31 - 120	31	15
Heptachlor	ND	F2	38.9	20.3	F2	ug/Kg	☼	52	42 - 120	33	22
Heptachlor epoxide	ND	F2	38.9	19.1	F2	ug/Kg	☼	49	40 - 120	34	15
Methoxychlor	ND	F1 F2	38.9	15.4	F1 F2	ug/Kg	☼	39	44 - 150	54	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*44*	*S1-*	*45 - 120*
DCB Decachlorobiphenyl	*51*		*45 - 120*
Tetrachloro-m-xylene	*70*		*30 - 124*
Tetrachloro-m-xylene	*59*		*30 - 124*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-779787/1-A
Matrix: Solid
Analysis Batch: 779890

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779787

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg		07/02/26 08:41	07/06/26 09:37	1
PCB-1221	ND		0.25	0.049	mg/Kg		07/02/26 08:41	07/06/26 09:37	1
PCB-1232	ND		0.25	0.049	mg/Kg		07/02/26 08:41	07/06/26 09:37	1
PCB-1242	ND		0.25	0.049	mg/Kg		07/02/26 08:41	07/06/26 09:37	1
PCB-1248	ND		0.25	0.049	mg/Kg		07/02/26 08:41	07/06/26 09:37	1
PCB-1254	ND		0.25	0.12	mg/Kg		07/02/26 08:41	07/06/26 09:37	1
PCB-1260	ND		0.25	0.12	mg/Kg		07/02/26 08:41	07/06/26 09:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*101*		*60 - 154*	*07/02/26 08:41*	*07/06/26 09:37*	*1*
Tetrachloro-m-xylene	*99*		*60 - 154*	*07/02/26 08:41*	*07/06/26 09:37*	*1*
DCB Decachlorobiphenyl	*95*		*65 - 174*	*07/02/26 08:41*	*07/06/26 09:37*	*1*
DCB Decachlorobiphenyl	*85*		*65 - 174*	*07/02/26 08:41*	*07/06/26 09:37*	*1*

Lab Sample ID: LCS 480-779787/2-A
Matrix: Solid
Analysis Batch: 779890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779787

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			2.50	2.76		mg/Kg		110	51 - 185		
PCB-1260			2.50	1.94		mg/Kg		78	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*108*		*60 - 154*
Tetrachloro-m-xylene	*95*		*60 - 154*
DCB Decachlorobiphenyl	*105*		*65 - 174*
DCB Decachlorobiphenyl	*93*		*65 - 174*

Lab Sample ID: 480-240036-5 MS
Matrix: Solid
Analysis Batch: 779890

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779787

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		2.90	3.14		mg/Kg	☼	108	50 - 177		
PCB-1260	ND		2.90	2.80		mg/Kg	☼	97	33 - 200		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*111*		*60 - 154*
Tetrachloro-m-xylene	*98*		*60 - 154*
DCB Decachlorobiphenyl	*104*		*65 - 174*
DCB Decachlorobiphenyl	*92*		*65 - 174*

Lab Sample ID: 480-240036-5 MSD
Matrix: Solid
Analysis Batch: 779890

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779787

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		2.96	3.49		mg/Kg	☼	118	50 - 177	10	50

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 480-240036-5 MSD
Client Sample ID: TT-2 4-6'
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779890
Prep Batch: 779787

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1260	ND		2.96	3.14		mg/Kg	☼	106	33 - 200	12	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*112*		*60 - 154*
Tetrachloro-m-xylene	*100*		*60 - 154*
DCB Decachlorobiphenyl	*100*		*65 - 174*
DCB Decachlorobiphenyl	*89*		*65 - 174*

Lab Sample ID: MB 480-780170/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 780128
Prep Batch: 780170

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg		07/08/26 13:02	07/09/26 07:06	1
PCB-1221	ND		0.25	0.049	mg/Kg		07/08/26 13:02	07/09/26 07:06	1
PCB-1232	ND		0.25	0.049	mg/Kg		07/08/26 13:02	07/09/26 07:06	1
PCB-1242	ND		0.25	0.049	mg/Kg		07/08/26 13:02	07/09/26 07:06	1
PCB-1248	ND		0.25	0.049	mg/Kg		07/08/26 13:02	07/09/26 07:06	1
PCB-1254	ND		0.25	0.12	mg/Kg		07/08/26 13:02	07/09/26 07:06	1
PCB-1260	ND		0.25	0.12	mg/Kg		07/08/26 13:02	07/09/26 07:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*60 - 154*	*07/08/26 13:02*	*07/09/26 07:06*	*1*
Tetrachloro-m-xylene	*95*		*60 - 154*	*07/08/26 13:02*	*07/09/26 07:06*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*07/08/26 13:02*	*07/09/26 07:06*	*1*
DCB Decachlorobiphenyl	*85*		*65 - 174*	*07/08/26 13:02*	*07/09/26 07:06*	*1*

Lab Sample ID: LCS 480-780170/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 780128
Prep Batch: 780170

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016			2.50	2.52		mg/Kg		101	51 - 185
PCB-1260			2.50	2.27		mg/Kg		91	61 - 184

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*105*		*60 - 154*
Tetrachloro-m-xylene	*99*		*60 - 154*
DCB Decachlorobiphenyl	*92*		*65 - 174*
DCB Decachlorobiphenyl	*94*		*65 - 174*

Lab Sample ID: 480-240036-7 MS
Client Sample ID: TT-3 4-6'
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 780128
Prep Batch: 780170

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		2.85	2.89		mg/Kg	☼	101	50 - 177
PCB-1260	ND		2.85	2.41		mg/Kg	☼	85	33 - 200

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	107		60 - 154
Tetrachloro-m-xylene	97		60 - 154
DCB Decachlorobiphenyl	95		65 - 174
DCB Decachlorobiphenyl	96		65 - 174

Lab Sample ID: 480-240036-7 MSD — **Client Sample ID: TT-3 4-6'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780128 — **Prep Batch: 780170**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		2.87	2.77		mg/Kg	☼	97	50 - 177	4	50
PCB-1260	ND		2.87	2.37		mg/Kg	☼	83	33 - 200	2	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	102		60 - 154
Tetrachloro-m-xylene	95		60 - 154
DCB Decachlorobiphenyl	91		65 - 174
DCB Decachlorobiphenyl	94		65 - 174

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-846397/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 850014 — **Prep Batch: 846397**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g		07/06/26 07:31	07/12/26 11:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g		07/06/26 07:31	07/12/26 11:07	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-846397/1-A
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 846397

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g		07/06/26 07:31	07/12/26 11:07	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g		07/06/26 07:31	07/12/26 11:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g		07/06/26 07:31	07/12/26 11:07	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		07/06/26 07:31	07/12/26 11:07	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		07/06/26 07:31	07/12/26 11:07	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g		07/06/26 07:31	07/12/26 11:07	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97.2*		*8 - 130*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
13C5 PFPeA	*105*		*35 - 130*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
13C5 PFHxA	*98.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
13C4 PFHpA	*105*		*40 - 130*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
13C8 PFOA	*94.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
13C9 PFNA	*97.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
13C6 PFDA	*88.9*		*40 - 130*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
13C7 PFUnA	*78.0*		*40 - 130*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
13C2 PFTeDA	*65.9*		*20 - 130*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
13C3 PFBS	*97.3*		*40 - 135*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
13C3 PFHxS	*99.7*		*40 - 130*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
13C8 PFOS	*86.9*		*40 - 130*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
13C8 FOSA	*74.8*		*40 - 130*	*07/06/26 07:31*	*07/12/26 11:07*	*1*
d3-NMeFOSAA	*69.5*		*40 - 135*	*07/06/26 07:31*	*07/12/26 11:07*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-846397/1-A
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 846397

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	61.6		40 - 150	07/06/26 07:31	07/12/26 11:07	1
13C2 4:2 FTS	83.8		40 - 165	07/06/26 07:31	07/12/26 11:07	1
13C2 6:2 FTS	99.1		40 - 215	07/06/26 07:31	07/12/26 11:07	1
13C2 8:2 FTS	77.4		40 - 275	07/06/26 07:31	07/12/26 11:07	1
13C3 HFPO-DA	94.3		40 - 130	07/06/26 07:31	07/12/26 11:07	1
d7-N-MeFOSE-M	47.2		20 - 130	07/06/26 07:31	07/12/26 11:07	1
d9-N-EtFOSE-M	43.8		15 - 130	07/06/26 07:31	07/12/26 11:07	1
d5-NEtPFOSA	53.7		10 - 130	07/06/26 07:31	07/12/26 11:07	1
d3-NMePFOSA	61.7		10 - 130	07/06/26 07:31	07/12/26 11:07	1
13C2 PFDoA	68.8		40 - 130	07/06/26 07:31	07/12/26 11:07	1
13C3-PFDoS	56.1		20 - 150	07/06/26 07:31	07/12/26 11:07	1
13C3-3:3 FTCA	99.5		20 - 150	07/06/26 07:31	07/12/26 11:07	1
13C3-5:3 FTCA	89.0		20 - 150	07/06/26 07:31	07/12/26 11:07	1

Lab Sample ID: LCS 410-846397/2-A
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846397

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.70		ng/g		94	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.15		ng/g		86	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.13		ng/g		85	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.24		ng/g		89	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.18		ng/g		87	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.08		ng/g		83	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.09		ng/g		84	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.25		ng/g		90	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.05		ng/g		82	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.02		ng/g		81	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.21		ng/g		88	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.93		ng/g		87	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.03		ng/g		86	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.90		ng/g		83	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.12		ng/g		89	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.14		ng/g		92	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.86		ng/g		77	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.54		ng/g		64	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.07		ng/g		85	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.14		ng/g		88	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-846397/2-A
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846397

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			4.76	3.60		ng/g		76	55 - 200		
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			4.80	4.16		ng/g		87	70 - 150		
Perfluorooctanesulfonamide (PFOSA)			2.50	2.31		ng/g		92	70 - 140		
N-methylperfluorooctane sulfonamide (NMeFOSA)			2.50	2.13		ng/g		85	70 - 155		
N-ethylperfluorooctane sulfonamide (NEtFOSA)			2.50	2.46		ng/g		98	70 - 140		
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			2.50	2.09		ng/g		84	65 - 155		
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			2.50	2.15		ng/g		86	65 - 165		
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			12.5	11.9		ng/g		95	70 - 140		
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			12.5	10.8		ng/g		87	70 - 135		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			1.88	1.72		ng/g		92	70 - 145		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			2.37	2.54		ng/g		107	70 - 160		
Perfluoro-3-methoxypropanoic acid (PFMPA)			2.50	2.19		ng/g		88	30 - 140		
Perfluoro-4-methoxybutanoic acid (PFMBA)			2.50	1.93		ng/g		77	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			2.50	2.06		ng/g		82	60 - 155		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			2.34	1.78		ng/g		76	70 - 150		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			2.36	1.51		ng/g		64	45 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			2.23	2.07		ng/g		93	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			5.00	4.27		ng/g		85	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			12.5	10.5		ng/g		84	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	11.0		ng/g		88	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*89.3*		*8 - 130*
13C5 PFPeA	*97.1*		*35 - 130*
13C5 PFHxA	*90.3*		*40 - 130*
13C4 PFHpA	*96.2*		*40 - 130*
13C8 PFOA	*85.3*		*40 - 130*
13C9 PFNA	*87.4*		*40 - 130*
13C6 PFDA	*84.6*		*40 - 130*
13C7 PFUnA	*74.3*		*40 - 130*
13C2 PFTeDA	*58.0*		*20 - 130*
13C3 PFBS	*82.9*		*40 - 135*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-846397/2-A
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846397

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C3 PFHxS	89.2		40 - 130
13C8 PFOS	79.7		40 - 130
13C8 FOSA	72.4		40 - 130
d3-NMeFOSAA	70.3		40 - 135
d5-NEtFOSAA	65.6		40 - 150
13C2 4:2 FTS	82.0		40 - 165
13C2 6:2 FTS	95.3		40 - 215
13C2 8:2 FTS	67.6		40 - 275
13C3 HFPO-DA	88.3		40 - 130
d7-N-MeFOSE-M	39.2		20 - 130
d9-N-EtFOSE-M	34.7		15 - 130
d5-NEtPFOSA	45.9		10 - 130
d3-NMePFOSA	57.7		10 - 130
13C2 PFDoA	66.2		40 - 130
13C3-PFDoS	50.9		20 - 150
13C3-3:3 FTCA	90.3		20 - 150
13C3-5:3 FTCA	88.7		20 - 150

Lab Sample ID: LLCS 410-846397/3-A
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846397

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.531		ng/g		106	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.243		ng/g		97	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.227		ng/g		91	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.266		ng/g		106	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.270		ng/g		108	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.297		ng/g		119	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.226		ng/g		91	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.258		ng/g		103	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.227		ng/g		91	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.249		ng/g		100	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.280		ng/g		112	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.209		ng/g		94	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.243		ng/g		103	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.256		ng/g		112	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.259		ng/g		109	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.264		ng/g		113	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.208		ng/g		86	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.181	J	ng/g		75	40 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-846397/3-A
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846397

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.249		ng/g		102	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.461		ng/g		98	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.471		ng/g		99	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.640		ng/g		133	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.278	I	ng/g		111	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.255		ng/g		102	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.302		ng/g		121	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.248		ng/g		99	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.280		ng/g		112	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.36		ng/g		109	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.31		ng/g		105	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.189	J	ng/g		100	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.258		ng/g		109	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.245		ng/g		98	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.222		ng/g		89	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.310		ng/g		124	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.219		ng/g		94	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.188	J	ng/g		80	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.232		ng/g		104	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.547		ng/g		109	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.44		ng/g		115	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.31		ng/g		105	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*85.2*		*8 - 130*
13C5 PFPeA	*95.1*		*35 - 130*
13C5 PFHxA	*86.2*		*40 - 130*
13C4 PFHpA	*92.6*		*40 - 130*
13C8 PFOA	*84.4*		*40 - 130*
13C9 PFNA	*84.1*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-846397/3-A
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846397

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C6 PFDA	82.5		40 - 130
13C7 PFUnA	76.3		40 - 130
13C2 PFTeDA	63.4		20 - 130
13C3 PFBS	84.9		40 - 135
13C3 PFHxS	84.8		40 - 130
13C8 PFOS	79.9		40 - 130
13C8 FOSA	68.0		40 - 130
d3-NMeFOSAA	63.0		40 - 135
d5-NEtFOSAA	58.7		40 - 150
13C2 4:2 FTS	80.6		40 - 165
13C2 6:2 FTS	76.9		40 - 215
13C2 8:2 FTS	61.4		40 - 275
13C3 HFPO-DA	85.1		40 - 130
d7-N-MeFOSE-M	37.9		20 - 130
d9-N-EtFOSE-M	33.1		15 - 130
d5-NEtPFOSA	46.7		10 - 130
d3-NMePFOSA	55.8		10 - 130
13C2 PFDoA	68.8		40 - 130
13C3-PFDoS	55.1		20 - 150
13C3-3:3 FTCA	92.2		20 - 150
13C3-5:3 FTCA	78.5		20 - 150

Lab Sample ID: 480-240036-5 MS
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 846397

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	ND		4.81	4.42		ng/g	☼	92	70 - 140
Perfluoropentanoic acid (PFPeA)	ND		2.41	2.12		ng/g	☼	88	60 - 150
Perfluorohexanoic acid (PFHxA)	ND		2.41	2.29		ng/g	☼	95	65 - 140
Perfluoroheptanoic acid (PFHpA)	ND		2.41	2.18		ng/g	☼	90	65 - 145
Perfluorooctanoic acid (PFOA)	0.077	J	2.41	1.88		ng/g	☼	75	70 - 150
Perfluorononanoic acid (PFNA)	ND		2.41	1.96		ng/g	☼	82	70 - 155
Perfluorodecanoic acid (PFDA)	ND		2.41	2.08		ng/g	☼	86	70 - 155
Perfluoroundecanoic acid (PFUnA)	ND		2.41	2.20		ng/g	☼	91	70 - 155
Perfluorododecanoic acid (PFDoA)	ND		2.41	2.15		ng/g	☼	89	70 - 150
Perfluorotridecanoic acid (PFTrDA)	ND		2.41	1.97		ng/g	☼	82	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	ND		2.41	2.15		ng/g	☼	90	65 - 150
Perfluorobutanesulfonic acid (PFBS)	ND		2.14	1.78		ng/g	☼	83	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		2.26	2.07		ng/g	☼	91	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	ND		2.19	2.07		ng/g	☼	94	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.30	2.04		ng/g	☼	89	65 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240036-5 MS
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 846397

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonic acid (PFOS)	ND		2.24	2.24		ng/g	☼	100	65 - 160
Perfluorononanesulfonic acid (PFNS)	ND		2.31	1.86		ng/g	☼	80	55 - 140
Perfluorodecanesulfonic acid (PFDS)	ND		2.32	1.65		ng/g	☼	71	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	ND		2.33	2.00		ng/g	☼	86	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.51	4.31		ng/g	☼	95	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.58	3.77		ng/g	☼	82	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.62	3.69		ng/g	☼	80	70 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		2.41	2.28		ng/g	☼	95	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.41	2.18		ng/g	☼	91	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.41	2.40		ng/g	☼	100	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.41	2.09		ng/g	☼	87	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.41	2.27		ng/g	☼	94	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.0	11.6		ng/g	☼	96	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.0	10.5		ng/g	☼	87	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.80	1.76		ng/g	☼	97	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.28	2.49		ng/g	☼	110	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.41	2.30		ng/g	☼	96	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.41	1.96		ng/g	☼	81	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.41	2.10		ng/g	☼	87	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.25	1.87		ng/g	☼	83	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.27	1.64		ng/g	☼	72	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.15	1.92		ng/g	☼	89	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.81	4.04		ng/g	☼	84	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.0	10.3		ng/g	☼	86	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.0	8.65		ng/g	☼	72	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*78.6*		*8 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240036-5 MS
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 846397

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C5 PFPeA	86.8		35 - 130
13C5 PFHxA	82.1		40 - 130
13C4 PFHpA	84.4		40 - 130
13C8 PFOA	78.0		40 - 130
13C9 PFNA	79.6		40 - 130
13C6 PFDA	73.4		40 - 130
13C7 PFUnA	66.0		40 - 130
13C2 PFTeDA	55.5		20 - 130
13C3 PFBS	71.5		40 - 135
13C3 PFHxS	67.8		40 - 130
13C8 PFOS	65.4		40 - 130
13C8 FOSA	59.9		40 - 130
d3-NMeFOSAA	58.7		40 - 135
d5-NEtFOSAA	55.3		40 - 150
13C2 4:2 FTS	60.2		40 - 165
13C2 6:2 FTS	67.2		40 - 215
13C2 8:2 FTS	59.9		40 - 275
13C3 HFPO-DA	77.8		40 - 130
d7-N-MeFOSE-M	33.9		20 - 130
d9-N-EtFOSE-M	32.8		15 - 130
d5-NEtPFOSA	44.8		10 - 130
d3-NMePFOSA	53.5		10 - 130
13C2 PFDoA	60.9		40 - 130
13C3-PFDoS	46.9		20 - 150
13C3-3:3 FTCA	82.1		20 - 150
13C3-5:3 FTCA	73.8		20 - 150

Lab Sample ID: 480-240036-5 MSD
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 846397

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	ND		4.89	4.66		ng/g	☼	95	70 - 140	5	30
Perfluoropentanoic acid (PFPeA)	ND		2.45	2.12		ng/g	☼	87	60 - 150	0	30
Perfluorohexanoic acid (PFHxA)	ND		2.45	2.30		ng/g	☼	94	65 - 140	0	30
Perfluoroheptanoic acid (PFHpA)	ND		2.45	2.21		ng/g	☼	90	65 - 145	1	30
Perfluorooctanoic acid (PFOA)	0.077	J	2.45	2.07		ng/g	☼	81	70 - 150	9	30
Perfluorononanoic acid (PFNA)	ND		2.45	1.88		ng/g	☼	77	70 - 155	4	30
Perfluorodecanoic acid (PFDA)	ND		2.45	2.11		ng/g	☼	86	70 - 155	2	30
Perfluoroundecanoic acid (PFUnA)	ND		2.45	2.27		ng/g	☼	93	70 - 155	3	30
Perfluorododecanoic acid (PFDoA)	ND		2.45	2.16		ng/g	☼	88	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)	ND		2.45	2.17		ng/g	☼	89	65 - 150	10	30
Perfluorotetradecanoic acid (PFTeDA)	ND		2.45	2.33		ng/g	☼	95	65 - 150	8	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.17	1.69		ng/g	☼	78	65 - 145	5	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240036-5 MSD
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 846397

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoropentanesulfonic acid (PFPeS)	ND		2.30	2.15		ng/g	☼	93	55 - 160	4	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.23	2.07		ng/g	☼	93	60 - 150	0	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.33	1.94		ng/g	☼	83	65 - 155	5	30
Perfluorooctanesulfonic acid (PFOS)	ND		2.27	2.16		ng/g	☼	95	65 - 160	3	30
Perfluorononanesulfonic acid (PFNS)	ND		2.35	1.79		ng/g	☼	76	55 - 140	4	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.36	1.59		ng/g	☼	68	40 - 155	4	30
Perfluorododecanesulfonic acid (PFDoS)	ND		2.37	2.00		ng/g	☼	84	25 - 160	0	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.59	4.24		ng/g	☼	92	60 - 150	2	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.66	4.16		ng/g	☼	89	55 - 200	10	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.70	4.12		ng/g	☼	88	70 - 150	11	30
Perfluorooctanesulfonamide (PFOSA)	ND		2.45	2.30		ng/g	☼	94	70 - 140	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.45	2.14		ng/g	☼	87	70 - 155	2	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.45	2.32		ng/g	☼	95	70 - 140	3	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.45	1.83		ng/g	☼	75	65 - 155	13	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.45	1.98		ng/g	☼	81	65 - 165	13	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.2	11.0		ng/g	☼	90	70 - 140	5	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.2	10.9		ng/g	☼	89	70 - 135	4	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.83	1.65		ng/g	☼	90	70 - 145	6	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.31	2.54		ng/g	☼	110	70 - 160	2	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.45	2.23		ng/g	☼	91	30 - 140	3	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.45	2.02		ng/g	☼	83	60 - 150	3	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.45	2.06		ng/g	☼	84	60 - 155	2	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.28	1.78		ng/g	☼	78	70 - 150	5	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.31	1.67		ng/g	☼	72	45 - 160	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.18	1.98		ng/g	☼	91	70 - 140	3	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.89	4.20		ng/g	☼	86	45 - 130	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.2	10.5		ng/g	☼	86	60 - 130	1	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240036-5 MSD
Matrix: Solid
Analysis Batch: 850014

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 846397

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.2	9.44		ng/g	☼	77	60 - 150	9	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*78.2*		*8 - 130*
13C5 PFPeA	*86.2*		*35 - 130*
13C5 PFHxA	*79.5*		*40 - 130*
13C4 PFHpA	*81.9*		*40 - 130*
13C8 PFOA	*73.6*		*40 - 130*
13C9 PFNA	*80.2*		*40 - 130*
13C6 PFDA	*73.7*		*40 - 130*
13C7 PFUnA	*69.8*		*40 - 130*
13C2 PFTeDA	*57.7*		*20 - 130*
13C3 PFBS	*72.8*		*40 - 135*
13C3 PFHxS	*68.7*		*40 - 130*
13C8 PFOS	*66.1*		*40 - 130*
13C8 FOSA	*57.3*		*40 - 130*
d3-NMeFOSAA	*60.0*		*40 - 135*
d5-NEtFOSAA	*55.3*		*40 - 150*
13C2 4:2 FTS	*60.8*		*40 - 165*
13C2 6:2 FTS	*65.2*		*40 - 215*
13C2 8:2 FTS	*53.4*		*40 - 275*
13C3 HFPO-DA	*78.7*		*40 - 130*
d7-N-MeFOSE-M	*28.8*		*20 - 130*
d9-N-EtFOSE-M	*28.7*		*15 - 130*
d5-NEtPFOSA	*44.7*		*10 - 130*
d3-NMePFOSA	*53.5*		*10 - 130*
13C2 PFDoA	*63.3*		*40 - 130*
13C3-PFDoS	*45.7*		*20 - 150*
13C3-3:3 FTCA	*82.5*		*20 - 150*
13C3-5:3 FTCA	*72.3*		*20 - 150*

Lab Sample ID: MB 410-846677/1-A
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 846677

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-846677/1-A
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 846677

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g		07/06/26 14:16	07/10/26 21:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g		07/06/26 14:16	07/10/26 21:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g		07/06/26 14:16	07/10/26 21:03	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g		07/06/26 14:16	07/10/26 21:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g		07/06/26 14:16	07/10/26 21:03	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		07/06/26 14:16	07/10/26 21:03	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		07/06/26 14:16	07/10/26 21:03	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g		07/06/26 14:16	07/10/26 21:03	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*90.9*		*8 - 130*	*07/06/26 14:16*	*07/10/26 21:03*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-846677/1-A
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 846677

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	104		35 - 130	07/06/26 14:16	07/10/26 21:03	1
13C5 PFHxA	97.7		40 - 130	07/06/26 14:16	07/10/26 21:03	1
13C4 PFHpA	98.7		40 - 130	07/06/26 14:16	07/10/26 21:03	1
13C8 PFOA	67.9		40 - 130	07/06/26 14:16	07/10/26 21:03	1
13C9 PFNA	94.7		40 - 130	07/06/26 14:16	07/10/26 21:03	1
13C6 PFDA	88.6		40 - 130	07/06/26 14:16	07/10/26 21:03	1
13C7 PFUnA	85.9		40 - 130	07/06/26 14:16	07/10/26 21:03	1
13C2 PFTeDA	77.5		20 - 130	07/06/26 14:16	07/10/26 21:03	1
13C3 PFBS	96.0		40 - 135	07/06/26 14:16	07/10/26 21:03	1
13C3 PFHxS	93.2		40 - 130	07/06/26 14:16	07/10/26 21:03	1
13C8 PFOS	84.7		40 - 130	07/06/26 14:16	07/10/26 21:03	1
13C8 FOSA	78.4		40 - 130	07/06/26 14:16	07/10/26 21:03	1
d3-NMeFOSAA	71.2		40 - 135	07/06/26 14:16	07/10/26 21:03	1
d5-NEtFOSAA	113		40 - 150	07/06/26 14:16	07/10/26 21:03	1
13C2 4:2 FTS	93.7		40 - 165	07/06/26 14:16	07/10/26 21:03	1
13C2 6:2 FTS	93.0		40 - 215	07/06/26 14:16	07/10/26 21:03	1
13C2 8:2 FTS	81.3		40 - 275	07/06/26 14:16	07/10/26 21:03	1
13C3 HFPO-DA	101		40 - 130	07/06/26 14:16	07/10/26 21:03	1
d7-N-MeFOSE-M	61.3		20 - 130	07/06/26 14:16	07/10/26 21:03	1
d9-N-EtFOSE-M	59.2		15 - 130	07/06/26 14:16	07/10/26 21:03	1
d5-NEtPFOSA	62.0		10 - 130	07/06/26 14:16	07/10/26 21:03	1
d3-NMePFOSA	65.5		10 - 130	07/06/26 14:16	07/10/26 21:03	1
13C2 PFDoA	78.8		40 - 130	07/06/26 14:16	07/10/26 21:03	1
13C3-PFDoS	75.3		20 - 150	07/06/26 14:16	07/10/26 21:03	1
13C3-3:3 FTCA	111		20 - 150	07/06/26 14:16	07/10/26 21:03	1
13C3-5:3 FTCA	89.1		20 - 150	07/06/26 14:16	07/10/26 21:03	1

Lab Sample ID: LCS 410-846677/2-A
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	3.68		ng/g		74	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	1.99		ng/g		80	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.09		ng/g		84	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.01		ng/g		81	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	1.81		ng/g		73	70 - 150
Perfluorononanoic acid (PFNA)	2.50	1.92		ng/g		77	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	1.94		ng/g		77	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	1.99		ng/g		80	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	1.98		ng/g		79	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.00		ng/g		80	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.03		ng/g		81	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.69		ng/g		76	65 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-846677/2-A
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoropentanesulfonic acid (PFPeS)	2.35	1.78		ng/g		76	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.79		ng/g		79	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.02		ng/g		85	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.07		ng/g		89	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.03		ng/g		84	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.88		ng/g		78	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.88		ng/g		78	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	3.95		ng/g		84	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	3.98		ng/g		84	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.03		ng/g		84	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.10		ng/g		84	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.13		ng/g		85	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.35		ng/g		94	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.15		ng/g		86	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.10		ng/g		84	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	10.8		ng/g		86	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	10.3		ng/g		83	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.46		ng/g		78	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	1.90		ng/g		80	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.10		ng/g		84	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	1.86		ng/g		74	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	1.97		ng/g		79	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.01		ng/g		86	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.93		ng/g		82	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	1.94		ng/g		87	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	3.96		ng/g		79	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	9.52		ng/g		76	60 - 130

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-846677/2-A
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846677

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	9.11		ng/g		73	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*94.5*		*8 - 130*
13C5 PFPeA	*107*		*35 - 130*
13C5 PFHxA	*99.1*		*40 - 130*
13C4 PFHpA	*103*		*40 - 130*
13C8 PFOA	*72.0*		*40 - 130*
13C9 PFNA	*95.4*		*40 - 130*
13C6 PFDA	*93.5*		*40 - 130*
13C7 PFUnA	*87.3*		*40 - 130*
13C2 PFTeDA	*77.1*		*20 - 130*
13C3 PFBS	*104*		*40 - 135*
13C3 PFHxS	*102*		*40 - 130*
13C8 PFOS	*86.2*		*40 - 130*
13C8 FOSA	*86.3*		*40 - 130*
d3-NMeFOSAA	*73.4*		*40 - 135*
d5-NEtFOSAA	*97.8*		*40 - 150*
13C2 4:2 FTS	*102*		*40 - 165*
13C2 6:2 FTS	*93.0*		*40 - 215*
13C2 8:2 FTS	*84.8*		*40 - 275*
13C3 HFPO-DA	*104*		*40 - 130*
d7-N-MeFOSE-M	*68.2*		*20 - 130*
d9-N-EtFOSE-M	*65.2*		*15 - 130*
d5-NEtPFOSA	*59.7*		*10 - 130*
d3-NMePFOSA	*71.9*		*10 - 130*
13C2 PFDoA	*81.3*		*40 - 130*
13C3-PFDoS	*75.7*		*20 - 150*
13C3-3:3 FTCA	*107*		*20 - 150*
13C3-5:3 FTCA	*94.8*		*20 - 150*

Lab Sample ID: LLCS 410-846677/3-A
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846677

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanoic acid (PFBA)			0.500	0.404		ng/g		81	70 - 140		
Perfluoropentanoic acid (PFPeA)			0.250	0.225		ng/g		90	60 - 150		
Perfluorohexanoic acid (PFHxA)			0.250	0.241		ng/g		96	65 - 140		
Perfluoroheptanoic acid (PFHpA)			0.250	0.227		ng/g		91	65 - 145		
Perfluorooctanoic acid (PFOA)			0.250	0.211		ng/g		84	70 - 150		
Perfluorononanoic acid (PFNA)			0.250	0.212		ng/g		85	70 - 155		
Perfluorodecanoic acid (PFDA)			0.250	0.226		ng/g		91	70 - 155		
Perfluoroundecanoic acid (PFUnA)			0.250	0.222		ng/g		89	70 - 155		
Perfluorododecanoic acid (PFDoA)			0.250	0.216		ng/g		86	70 - 150		
Perfluorotridecanoic acid (PFTrDA)			0.250	0.254		ng/g		102	65 - 150		

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-846677/3-A
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846677

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.224		ng/g		90	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.193	J	ng/g		87	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.202		ng/g		86	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.196	J	ng/g		86	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.225		ng/g		94	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.207		ng/g		89	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.204		ng/g		85	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.189	J	ng/g		79	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.215		ng/g		89	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.449		ng/g		96	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.387	J	ng/g		81	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.431		ng/g		90	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.224		ng/g		89	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.245		ng/g		98	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.256		ng/g		102	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.270		ng/g		108	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.301		ng/g		120	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.19		ng/g		95	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.12		ng/g		90	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.148	J	ng/g		79	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.191	J	ng/g		81	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.223		ng/g		89	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.203		ng/g		81	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.221		ng/g		88	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.199	J	ng/g		85	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.181	J	ng/g		77	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.193	J	ng/g		86	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-846677/3-A
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 846677

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.436		ng/g		87	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.28		ng/g		102	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.12		ng/g		90	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*105*		*8 - 130*
13C5 PFPeA	*113*		*35 - 130*
13C5 PFHxA	*106*		*40 - 130*
13C4 PFHpA	*110*		*40 - 130*
13C8 PFOA	*77.1*		*40 - 130*
13C9 PFNA	*111*		*40 - 130*
13C6 PFDA	*97.9*		*40 - 130*
13C7 PFUnA	*92.3*		*40 - 130*
13C2 PFTeDA	*76.9*		*20 - 130*
13C3 PFBS	*112*		*40 - 135*
13C3 PFHxS	*110*		*40 - 130*
13C8 PFOS	*95.3*		*40 - 130*
13C8 FOSA	*88.4*		*40 - 130*
d3-NMeFOSAA	*74.6*		*40 - 135*
d5-NEtFOSAA	*109*		*40 - 150*
13C2 4:2 FTS	*115*		*40 - 165*
13C2 6:2 FTS	*110*		*40 - 215*
13C2 8:2 FTS	*93.2*		*40 - 275*
13C3 HFPO-DA	*112*		*40 - 130*
d7-N-MeFOSE-M	*66.8*		*20 - 130*
d9-N-EtFOSE-M	*62.5*		*15 - 130*
d5-NEtPFOSA	*59.7*		*10 - 130*
d3-NMePFOSA	*71.6*		*10 - 130*
13C2 PFDoA	*81.5*		*40 - 130*
13C3-PFDoS	*77.6*		*20 - 150*
13C3-3:3 FTCA	*118*		*20 - 150*
13C3-5:3 FTCA	*97.9*		*20 - 150*

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 846677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	ND		4.96	3.53		ng/g	☼	71	70 - 140
Perfluoropentanoic acid (PFPeA)	ND		2.48	1.88		ng/g	☼	76	60 - 150
Perfluorohexanoic acid (PFHxA)	ND		2.48	1.99		ng/g	☼	80	65 - 140
Perfluoroheptanoic acid (PFHpA)	ND		2.48	1.87		ng/g	☼	75	65 - 145
Perfluorooctanoic acid (PFOA)	ND	F1	2.48	1.71	F1	ng/g	☼	69	70 - 150
Perfluorononanoic acid (PFNA)	ND		2.48	1.81		ng/g	☼	73	70 - 155
Perfluorodecanoic acid (PFDA)	ND		2.48	1.89		ng/g	☼	76	70 - 155
Perfluoroundecanoic acid (PFUnA)	ND		2.48	1.84		ng/g	☼	74	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 846677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanoic acid (PFDoA)	ND		2.48	1.96		ng/g	☼	79	70 - 150
Perfluorotridecanoic acid (PFTrDA)	ND		2.48	1.93		ng/g	☼	78	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	ND		2.48	1.93		ng/g	☼	78	65 - 150
Perfluorobutanesulfonic acid (PFBS)	ND		2.20	1.62		ng/g	☼	73	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		2.33	1.69		ng/g	☼	72	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	ND		2.26	1.76		ng/g	☼	78	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.37	1.66		ng/g	☼	70	65 - 155
Perfluorooctanesulfonic acid (PFOS)	ND		2.31	1.94		ng/g	☼	84	65 - 160
Perfluorononanesulfonic acid (PFNS)	ND		2.39	2.10		ng/g	☼	88	55 - 140
Perfluorodecanesulfonic acid (PFDS)	ND		2.39	1.98		ng/g	☼	83	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	ND		2.41	1.73		ng/g	☼	72	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.66	3.76		ng/g	☼	81	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.73	3.79		ng/g	☼	80	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.77	3.80		ng/g	☼	80	70 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		2.48	2.07		ng/g	☼	83	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.48	1.97		ng/g	☼	79	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.48	2.15		ng/g	☼	87	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.48	2.09		ng/g	☼	84	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.48	1.97		ng/g	☼	80	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.4	10.6		ng/g	☼	86	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.4	10.5		ng/g	☼	84	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.86	1.48		ng/g	☼	79	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.35	1.90		ng/g	☼	81	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.48	2.01		ng/g	☼	81	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.48	1.88		ng/g	☼	76	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.48	1.84		ng/g	☼	74	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.32	2.06		ng/g	☼	89	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 846677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.34	2.01		ng/g	☼	86	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.21	1.75		ng/g	☼	79	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.96	4.08		ng/g	☼	82	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.4	8.97		ng/g	☼	72	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.4	10.4		ng/g	☼	84	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*83.6*		*8 - 130*
13C5 PFPeA	*97.3*		*35 - 130*
13C5 PFHxA	*97.6*		*40 - 130*
13C4 PFHpA	*105*		*40 - 130*
13C8 PFOA	*81.7*		*40 - 130*
13C9 PFNA	*127*		*40 - 130*
13C6 PFDA	*147*	*5+	*40 - 130*
13C7 PFUnA	*159*	*5+	*40 - 130*
13C2 PFTeDA	*119*		*20 - 130*
13C3 PFBS	*98.5*		*40 - 135*
13C3 PFHxS	*105*		*40 - 130*
13C8 PFOS	*132*	*5+	*40 - 130*
13C8 FOSA	*124*		*40 - 130*
d3-NMeFOSAA	*148*	*5+	*40 - 135*
d5-NEtFOSAA	*196*	*5+	*40 - 150*
13C2 4:2 FTS	*112*		*40 - 165*
13C2 6:2 FTS	*122*		*40 - 215*
13C2 8:2 FTS	*144*		*40 - 275*
13C3 HFPO-DA	*102*		*40 - 130*
d7-N-MeFOSE-M	*61.1*		*20 - 130*
d9-N-EtFOSE-M	*41.2*		*15 - 130*
d5-NEtPFOSA	*98.6*		*10 - 130*
d3-NMePFOSA	*121*		*10 - 130*
13C2 PFDoA	*135*	*5+	*40 - 130*
13C3-PFDoS	*115*		*20 - 150*
13C3-3:3 FTCA	*94.9*		*20 - 150*
13C3-5:3 FTCA	*91.9*		*20 - 150*

Lab Sample ID: 480-240036-7 MSD
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 846677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	ND		4.86	3.49		ng/g	☼	72	70 - 140	1	30
Perfluoropentanoic acid (PFPeA)	ND		2.43	1.92		ng/g	☼	79	60 - 150	2	30
Perfluorohexanoic acid (PFHxA)	ND		2.43	2.09		ng/g	☼	86	65 - 140	5	30
Perfluoroheptanoic acid (PFHpA)	ND		2.43	1.91		ng/g	☼	79	65 - 145	2	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240036-7 MSD
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 846677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	ND	F1	2.43	1.75		ng/g	☼	72	70 - 150	2	30
Perfluorononanoic acid (PFNA)	ND		2.43	1.77		ng/g	☼	73	70 - 155	2	30
Perfluorodecanoic acid (PFDA)	ND		2.43	1.96		ng/g	☼	81	70 - 155	4	30
Perfluoroundecanoic acid (PFUnA)	ND		2.43	1.86		ng/g	☼	76	70 - 155	1	30
Perfluorododecanoic acid (PFDoA)	ND		2.43	1.93		ng/g	☼	79	70 - 150	2	30
Perfluorotridecanoic acid (PFTrDA)	ND		2.43	1.98		ng/g	☼	82	65 - 150	3	30
Perfluorotetradecanoic acid (PFTeDA)	ND		2.43	1.93		ng/g	☼	79	65 - 150	0	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.16	1.68		ng/g	☼	78	65 - 145	4	30
Perfluoropentanesulfonic acid (PFPeS)	ND		2.29	1.77		ng/g	☼	77	55 - 160	5	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.22	1.76		ng/g	☼	79	60 - 150	0	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.32	1.86		ng/g	☼	80	65 - 155	11	30
Perfluorooctanesulfonic acid (PFOS)	ND		2.26	1.94		ng/g	☼	86	65 - 160	0	30
Perfluorononanesulfonic acid (PFNS)	ND		2.34	1.93		ng/g	☼	83	55 - 140	8	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.34	1.71		ng/g	☼	73	40 - 155	15	30
Perfluorododecanesulfonic acid (PFDoS)	ND		2.36	1.78		ng/g	☼	75	25 - 160	3	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.56	3.69		ng/g	☼	81	60 - 150	2	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.63	3.97		ng/g	☼	86	55 - 200	5	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.67	3.92		ng/g	☼	84	70 - 150	3	30
Perfluorooctanesulfonamide (PFOSA)	ND		2.43	2.14		ng/g	☼	88	70 - 140	3	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.43	2.01		ng/g	☼	83	70 - 155	2	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.43	2.14		ng/g	☼	88	70 - 140	0	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.43	2.08		ng/g	☼	85	65 - 155	1	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.43	1.95		ng/g	☼	80	65 - 165	1	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.2	10.4		ng/g	☼	86	70 - 140	2	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.2	10.1		ng/g	☼	83	70 - 135	3	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.82	1.50		ng/g	☼	82	70 - 145	2	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.30	1.80		ng/g	☼	78	70 - 160	6	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.43	2.02		ng/g	☼	83	30 - 140	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.43	1.84		ng/g	☼	76	60 - 150	2	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240036-7 MSD
Matrix: Solid
Analysis Batch: 849415

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 846677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.43	1.82		ng/g	☼	75	60 - 155	1	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.27	1.84		ng/g	☼	81	70 - 150	11	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.29	1.80		ng/g	☼	78	45 - 160	11	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.17	1.73		ng/g	☼	80	70 - 140	1	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.86	3.94		ng/g	☼	81	45 - 130	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.2	9.03		ng/g	☼	74	60 - 130	1	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.2	8.56		ng/g	☼	70	60 - 150	19	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*89.3*		*8 - 130*
13C5 PFPeA	*94.4*		*35 - 130*
13C5 PFHxA	*92.0*		*40 - 130*
13C4 PFHpA	*95.8*		*40 - 130*
13C8 PFOA	*64.9*		*40 - 130*
13C9 PFNA	*93.8*		*40 - 130*
13C6 PFDA	*94.3*		*40 - 130*
13C7 PFUnA	*92.1*		*40 - 130*
13C2 PFTeDA	*74.2*		*20 - 130*
13C3 PFBS	*88.0*		*40 - 135*
13C3 PFHxS	*84.7*		*40 - 130*
13C8 PFOS	*79.0*		*40 - 130*
13C8 FOSA	*75.9*		*40 - 130*
d3-NMeFOSAA	*73.6*		*40 - 135*
d5-NEtFOSAA	*101*		*40 - 150*
13C2 4:2 FTS	*95.8*		*40 - 165*
13C2 6:2 FTS	*85.5*		*40 - 215*
13C2 8:2 FTS	*79.6*		*40 - 275*
13C3 HFPO-DA	*95.4*		*40 - 130*
d7-N-MeFOSE-M	*65.6*		*20 - 130*
d9-N-EtFOSE-M	*59.9*		*15 - 130*
d5-NEtPFOSA	*57.1*		*10 - 130*
d3-NMePFOSA	*69.6*		*10 - 130*
13C2 PFDoA	*79.0*		*40 - 130*
13C3-PFDoS	*66.4*		*20 - 150*
13C3-3:3 FTCA	*93.3*		*20 - 150*
13C3-5:3 FTCA	*84.4*		*20 - 150*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-779745/1-A
Matrix: Solid
Analysis Batch: 779918

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779745

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10.5	9.1	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Antimony	ND		15.8	0.56	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Arsenic	ND		2.1	0.93	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Barium	ND		0.53	0.15	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Beryllium	ND		0.21	0.042	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Cadmium	ND		0.21	0.074	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Calcium	ND		52.7	28.5	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Chromium	ND		0.53	0.38	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Cobalt	ND		0.53	0.11	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Copper	ND		1.1	0.60	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Iron	ND		10.5	8.9	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Lead	ND		1.1	0.49	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Magnesium	ND		21.1	8.9	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Manganese	ND		1.1	0.30	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Nickel	ND		5.3	0.26	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Potassium	ND		31.6	25.6	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Selenium	ND		4.2	0.84	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Silver	ND	^5+	0.63	0.21	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Sodium	ND		148	64.7	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Thallium	ND		6.3	0.80	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Vanadium	ND		0.53	0.14	mg/Kg		07/01/26 16:08	07/02/26 18:29	1
Zinc	ND		2.1	1.1	mg/Kg		07/01/26 16:08	07/02/26 18:29	1

Lab Sample ID: LCSSRM 480-779745/2-A
Matrix: Solid
Analysis Batch: 779918

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779745

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7680	7779		mg/Kg		101.3	38.7 - 126.3
Antimony	221	70.79		mg/Kg		32.0	10.0 - 126.7
Arsenic	326	226.1		mg/Kg		69.4	58.9 - 110.1
Barium	333	260.9		mg/Kg		78.3	66.4 - 110.8
Beryllium	234	177.7		mg/Kg		76.0	66.7 - 111.1
Cadmium	184	135.3		mg/Kg		73.5	63.6 - 109.8
Calcium	4280	3447		mg/Kg		80.5	67.1 - 120.3
Chromium	137	107.2		mg/Kg		78.2	61.8 - 114.6
Cobalt	230	200.5		mg/Kg		87.2	67.8 - 113.0
Copper	193	142.2		mg/Kg		73.7	66.8 - 111.4
Iron	7360	6788		mg/Kg		92.2	10.0 - 179.3
Lead	272	242.5		mg/Kg		89.2	66.5 - 113.6

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-779745/2-A
Matrix: Solid
Analysis Batch: 779918

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779745

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	2300	1945		mg/Kg		84.6	52.6 - 123.9
Manganese	798	596.9		mg/Kg		74.8	69.4 - 110.0
Nickel	292	224.7		mg/Kg		76.9	61.3 - 113.7
Potassium	2380	2064		mg/Kg		86.7	51.3 - 121.4
Selenium	103	75.06		mg/Kg		72.9	55.8 - 117.5
Silver	57.7	44.55		mg/Kg		77.2	64.1 - 118.9
Sodium	288	231.3		mg/Kg		80.3	48.3 - 137.5
Thallium	194	158.4		mg/Kg		81.6	61.3 - 111.9
Vanadium	272	208.9		mg/Kg		76.8	65.8 - 109.9
Zinc	404	340.2		mg/Kg		84.2	61.6 - 114.4

Lab Sample ID: 480-240036-5 MS
Matrix: Solid
Analysis Batch: 779918

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	16700	F2	1250	28610	4	mg/Kg	☼	948	75 - 125
Antimony	ND	F1	123	68.39	F1	mg/Kg	☼	56	75 - 125
Arsenic	2.8		246	207.8		mg/Kg	☼	83	75 - 125
Barium	106		246	368.9		mg/Kg	☼	107	75 - 125
Beryllium	0.66		123	109.7		mg/Kg	☼	89	75 - 125
Cadmium	0.25		123	112.9		mg/Kg	☼	92	75 - 125
Calcium	75600		6140	79120	4	mg/Kg	☼	57	75 - 125
Chromium	20.0		123	134.5		mg/Kg	☼	93	75 - 125
Cobalt	7.5		123	134.7		mg/Kg	☼	103	75 - 125
Copper	15.3		123	131.6		mg/Kg	☼	95	75 - 125
Iron	18500		1250	21410	4	mg/Kg	☼	228	75 - 125
Lead	23.3	F2 F1	123	146.3		mg/Kg	☼	100	75 - 125
Magnesium	29200		6140	34200	4	mg/Kg	☼	81	75 - 125
Manganese	415	F1	123	519.7		mg/Kg	☼	85	75 - 125
Nickel	15.4		123	122.2		mg/Kg	☼	87	75 - 125
Potassium	5380	F1	6140	15320	F1	mg/Kg	☼	162	75 - 125
Selenium	ND		246	210.4		mg/Kg	☼	86	75 - 125
Silver	ND	^5+	12.3	10.65	^5+	mg/Kg	☼	87	75 - 125
Sodium	347		6140	6017		mg/Kg	☼	92	75 - 125
Thallium	ND		246	244.9		mg/Kg	☼	100	75 - 125
Vanadium	30.4		123	152.7		mg/Kg	☼	100	75 - 125
Zinc	79.1	F2 F1	123	184.2		mg/Kg	☼	86	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 480-240036-5 MSD
Matrix: Solid
Analysis Batch: 779918

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 779745

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	16700	F2	1260	23140	4 F2	mg/Kg	☼	509	75 - 125	21	20
Antimony	ND	F1	123	76.99	F1	mg/Kg	☼	63	75 - 125	12	20
Arsenic	2.8		246	214.9		mg/Kg	☼	86	75 - 125	3	20
Barium	106		246	384.7		mg/Kg	☼	113	75 - 125	4	20
Beryllium	0.66		123	113.0		mg/Kg	☼	91	75 - 125	3	20
Cadmium	0.25		123	115.3		mg/Kg	☼	93	75 - 125	2	20
Calcium	75600		6160	68140	4	mg/Kg	☼	-121	75 - 125	15	20
Chromium	20.0		123	132.8		mg/Kg	☼	92	75 - 125	1	20
Cobalt	7.5		123	132.9		mg/Kg	☼	102	75 - 125	1	20
Copper	15.3		123	137.9		mg/Kg	☼	100	75 - 125	5	20
Iron	18500		1260	19880	4	mg/Kg	☼	106	75 - 125	7	20
Lead	23.3	F2 F1	123	402.7	F1 F2	mg/Kg	☼	308	75 - 125	93	20
Magnesium	29200		6160	28570	4	mg/Kg	☼	-11	75 - 125	18	20
Manganese	415	F1	123	506.1	F1	mg/Kg	☼	74	75 - 125	3	20
Nickel	15.4		123	122.6		mg/Kg	☼	87	75 - 125	0	20
Potassium	5380	F1	6160	13060		mg/Kg	☼	125	75 - 125	16	20
Selenium	ND		246	214.5		mg/Kg	☼	87	75 - 125	2	20
Silver	ND	^5+	12.3	11.01	^5+	mg/Kg	☼	89	75 - 125	3	20
Sodium	347		6160	6189		mg/Kg	☼	95	75 - 125	3	20
Thallium	ND		246	245.0		mg/Kg	☼	100	75 - 125	0	20
Vanadium	30.4		123	150.6		mg/Kg	☼	98	75 - 125	1	20
Zinc	79.1	F2 F1	123	252.2	F1 F2	mg/Kg	☼	141	75 - 125	31	20

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 779918

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	18200		1270	28140	4	mg/Kg	☼	781	75 - 125
Antimony	ND	F1 F2	124	69.32	F1	mg/Kg	☼	56	75 - 125
Arsenic	3.0		249	217.9		mg/Kg	☼	86	75 - 125
Barium	97.4		249	402.6		mg/Kg	☼	123	75 - 125
Beryllium	0.73		125	113.8		mg/Kg	☼	91	75 - 125
Cadmium	0.25		124	116.2		mg/Kg	☼	93	75 - 125
Calcium	76800		6220	68600	4	mg/Kg	☼	-132	75 - 125
Chromium	21.2		124	136.1		mg/Kg	☼	92	75 - 125
Cobalt	7.7		124	144.8		mg/Kg	☼	110	75 - 125
Copper	15.4		124	139.6		mg/Kg	☼	100	75 - 125
Iron	20300		1270	27210	4	mg/Kg	☼	546	75 - 125
Lead	8.5		124	148.5		mg/Kg	☼	113	75 - 125
Magnesium	24900		6220	32520	4	mg/Kg	☼	122	75 - 125
Manganese	386	F1	124	1008	F1	mg/Kg	☼	499	75 - 125
Nickel	18.1		124	133.6		mg/Kg	☼	93	75 - 125
Potassium	5550	F1	6220	15230	F1	mg/Kg	☼	156	75 - 125
Selenium	ND		249	215.6		mg/Kg	☼	87	75 - 125
Silver	ND	^5+	12.4	10.82	^5+	mg/Kg	☼	87	75 - 125
Sodium	280		6220	6236		mg/Kg	☼	96	75 - 125
Thallium	ND		249	249.7		mg/Kg	☼	100	75 - 125
Vanadium	31.5		124	158.7		mg/Kg	☼	102	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 480-240036-7 MS
Matrix: Solid
Analysis Batch: 779918

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	70.9		124	193.4		mg/Kg	☼	98	75 - 125

Lab Sample ID: 480-240036-7 MSD
Matrix: Solid
Analysis Batch: 779918

Client Sample ID: TT-3 4-6'
Prep Type: Total/NA
Prep Batch: 779745

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	18200		1140	27880	4	mg/Kg	☼	845	75 - 125	1	20
Antimony	ND	F1 F2	112	56.09	F1 F2	mg/Kg	☼	50	75 - 125	21	20
Arsenic	3.0		224	191.3		mg/Kg	☼	84	75 - 125	13	20
Barium	97.4		224	362.3		mg/Kg	☼	118	75 - 125	11	20
Beryllium	0.73		112	99.60		mg/Kg	☼	88	75 - 125	13	20
Cadmium	0.25		112	103.0		mg/Kg	☼	92	75 - 125	12	20
Calcium	76800		5600	72250	4	mg/Kg	☼	-81	75 - 125	5	20
Chromium	21.2		112	122.8		mg/Kg	☼	91	75 - 125	10	20
Cobalt	7.7		112	130.8		mg/Kg	☼	110	75 - 125	10	20
Copper	15.4		112	124.6		mg/Kg	☼	97	75 - 125	11	20
Iron	20300		1140	24670	4	mg/Kg	☼	385	75 - 125	10	20
Lead	8.5		112	137.4		mg/Kg	☼	115	75 - 125	8	20
Magnesium	24900		5600	33800	4	mg/Kg	☼	159	75 - 125	4	20
Manganese	386	F1	112	944.4	F1	mg/Kg	☼	498	75 - 125	7	20
Nickel	18.1		112	118.6		mg/Kg	☼	90	75 - 125	12	20
Potassium	5550	F1	5600	14750	F1	mg/Kg	☼	164	75 - 125	3	20
Selenium	ND		224	189.5		mg/Kg	☼	85	75 - 125	13	20
Silver	ND	^5+	11.2	9.59	^5+	mg/Kg	☼	86	75 - 125	12	20
Sodium	280		5600	5564		mg/Kg	☼	94	75 - 125	11	20
Thallium	ND		224	223.6		mg/Kg	☼	100	75 - 125	11	20
Vanadium	31.5		112	144.0		mg/Kg	☼	101	75 - 125	10	20
Zinc	70.9		112	179.7		mg/Kg	☼	97	75 - 125	7	20

Lab Sample ID: MB 480-779834/1-A
Matrix: Solid
Analysis Batch: 779976

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779834

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10.5	9.1	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Antimony	ND		15.8	0.56	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Arsenic	ND		2.1	0.93	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Barium	ND		0.53	0.15	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Beryllium	ND		0.21	0.042	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Cadmium	ND		0.21	0.074	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Calcium	ND		52.7	28.4	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Chromium	ND		0.53	0.38	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Cobalt	ND		0.53	0.11	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Copper	ND		1.1	0.60	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Iron	ND		10.5	8.9	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Lead	ND		1.1	0.48	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Magnesium	ND		21.1	8.9	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Manganese	ND		1.1	0.30	mg/Kg		07/02/26 16:16	07/06/26 15:50	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 480-779834/1-A
Matrix: Solid
Analysis Batch: 779976

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779834

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		5.3	0.26	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Potassium	ND		31.6	25.5	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Selenium	ND		4.2	0.84	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Silver	ND	^5-	0.63	0.21	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Sodium	ND		148	64.6	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Thallium	ND		6.3	0.80	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Vanadium	ND		0.53	0.14	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Zinc	ND		2.1	1.1	mg/Kg		07/02/26 16:16	07/06/26 15:50	1

Lab Sample ID: LCSSRM 480-779834/2-A
Matrix: Solid
Analysis Batch: 779976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779834

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7680	7414		mg/Kg		96.5	38.7 - 126.3
Antimony	221	69.97		mg/Kg		31.7	10.0 - 126.7
Arsenic	326	250.9		mg/Kg		77.0	58.9 - 110.1
Barium	333	255.1		mg/Kg		76.6	66.4 - 110.8
Beryllium	234	184.7		mg/Kg		78.9	66.7 - 111.1
Cadmium	184	142.6		mg/Kg		77.5	63.6 - 109.8
Calcium	4280	3599		mg/Kg		84.1	67.1 - 120.3
Chromium	137	114.3		mg/Kg		83.4	61.8 - 114.6
Cobalt	230	214.2		mg/Kg		93.1	67.8 - 113.0
Copper	193	150.2		mg/Kg		77.8	66.8 - 111.4
Iron	7360	6858		mg/Kg		93.2	10.0 - 179.3
Lead	272	250.0		mg/Kg		91.9	66.5 - 113.6
Magnesium	2300	1973		mg/Kg		85.8	52.6 - 123.9
Manganese	798	619.6		mg/Kg		77.6	69.4 - 110.0
Nickel	292	241.4		mg/Kg		82.7	61.3 - 113.7
Potassium	2380	1990		mg/Kg		83.6	51.3 - 121.4
Selenium	103	84.85		mg/Kg		82.4	55.8 - 117.5
Silver	57.7	47.59		mg/Kg		82.5	64.1 - 118.9
Sodium	288	232.1		mg/Kg		80.6	48.3 - 137.5
Thallium	194	168.6		mg/Kg		86.9	61.3 - 111.9
Vanadium	272	218.0		mg/Kg		80.1	65.8 - 109.9

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-779834/2-A
Matrix: Solid
Analysis Batch: 779976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779834

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	404	365.7		mg/Kg		90.5	61.6 - 114.4

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-780029/1-A
Matrix: Solid
Analysis Batch: 780088

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021	0.0048	mg/Kg		07/07/26 11:43	07/07/26 15:16	1

Lab Sample ID: LCSSRM 480-780029/2-A
Matrix: Solid
Analysis Batch: 780088

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780029

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	6.49	6.66		mg/Kg		102.6	60.1 - 140.1

Lab Sample ID: 480-240036-5 MS
Matrix: Solid
Analysis Batch: 780088

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 780029

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.028		0.405	0.390		mg/Kg	☼	89	80 - 120

Lab Sample ID: 480-240036-5 MSD
Matrix: Solid
Analysis Batch: 780088

Client Sample ID: TT-2 4-6'
Prep Type: Total/NA
Prep Batch: 780029

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.028		0.379	0.415		mg/Kg	☼	102	80 - 120	6	20

Lab Sample ID: MB 480-780030/1-A
Matrix: Solid
Analysis Batch: 780088

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0045	mg/Kg		07/07/26 11:43	07/07/26 16:02	1

Lab Sample ID: LCSSRM 480-780030/2-A
Matrix: Solid
Analysis Batch: 780088

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780030

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	6.49	6.37		mg/Kg		98.1	60.1 - 140.1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 480-240036-7 MS — **Client Sample ID: TT-3 4-6'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780088 — **Prep Batch: 780030**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.021	J	0.402	0.421		mg/Kg	☼	99	80 - 120

Lab Sample ID: 480-240036-7 MSD — **Client Sample ID: TT-3 4-6'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780088 — **Prep Batch: 780030**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.021	J	0.400	0.422		mg/Kg	☼	100	80 - 120	0	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-779852/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 779868 — **Prep Batch: 779852**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.90	0.44	mg/Kg		07/02/26 14:15	07/02/26 18:08	1

Lab Sample ID: LCS 480-779852/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 779868 — **Prep Batch: 779852**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.395		mg/Kg		99	29 - 122

Lab Sample ID: LCS 480-779852/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 779868 — **Prep Batch: 779852**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.251		mg/Kg		100	29 - 122

Lab Sample ID: LCSSRM 480-779852/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 779868 — **Prep Batch: 779852**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	134	83.98		mg/Kg		62.7	31.6 - 131.3

Lab Sample ID: 480-240036-5 MS — **Client Sample ID: TT-2 4-6'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 779868 — **Prep Batch: 779852**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND	F1	1.36	0.558	J F1	mg/Kg	☼	41	85 - 115

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 480-240036-5 MSD — **Client Sample ID: TT-2 4-6'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 779868 — **Prep Batch: 779852**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND	F1	1.28	ND	F1	mg/Kg	☼	0	85 - 115	NC	15

Lab Sample ID: 480-240036-7 MS — **Client Sample ID: TT-3 4-6'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 779868 — **Prep Batch: 779852**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND	F1	1.34	ND	F1	mg/Kg	☼	0	85 - 115

Lab Sample ID: 480-240036-7 MSD — **Client Sample ID: TT-3 4-6'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 779868 — **Prep Batch: 779852**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND	F1	1.27	ND	F1	mg/Kg	☼	0	85 - 115	NC	15

Lab Sample ID: MB 480-780075/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780084 — **Prep Batch: 780075**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.94	0.45	mg/Kg		07/07/26 13:40	07/07/26 16:23	1

Lab Sample ID: LCS 480-780075/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780084 — **Prep Batch: 780075**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.418		mg/Kg		105	29 - 122

Lab Sample ID: LCS 480-780075/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780084 — **Prep Batch: 780075**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.273		mg/Kg		109	29 - 122

Lab Sample ID: LCSSRM 480-780075/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780084 — **Prep Batch: 780075**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	134	86.80		mg/Kg		64.8	31.6 - 131.3

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 480-240036-10 MS
Matrix: Solid
Analysis Batch: 780084

Client Sample ID: TT-4 4-6' DUP
Prep Type: Total/NA
Prep Batch: 780075

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	ND	F1	1.37	ND	F1	mg/Kg	☼	0	85 - 115		

Lab Sample ID: 480-240036-10 DU
Matrix: Solid
Analysis Batch: 780084

Client Sample ID: TT-4 4-6' DUP
Prep Type: Total/NA
Prep Batch: 780075

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cyanide, Total	ND	F1		ND		mg/Kg	☼			NC	15

GC/MS VOA

Prep Batch: 779855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	5035A_L	
480-240036-2	TT-1 4-5'	Total/NA	Solid	5035A_L	
480-240036-3	TT-1 5-6'	Total/NA	Solid	5035A_L	
480-240036-4	TT-2 1-3'	Total/NA	Solid	5035A_L	
480-240036-5	TT-2 4-6'	Total/NA	Solid	5035A_L	
480-240036-6	TT-3 1-3'	Total/NA	Solid	5035A_L	
480-240036-7	TT-3 4-6'	Total/NA	Solid	5035A_L	
480-240036-8	TT-4 1-3'	Total/NA	Solid	5035A_L	
480-240036-9	TT-4 4-6'	Total/NA	Solid	5035A_L	
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	5035A_L	
480-240036-11	TT-5 1-2'	Total/NA	Solid	5035A_L	
480-240036-12	TT-5 4-6'	Total/NA	Solid	5035A_L	
MB 480-779855/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-779855/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	5035A_L	
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	5035A_L	
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	5035A_L	
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	5035A_L	

Prep Batch: 779856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	5035A_L	
480-240036-14	TT-6 1-3'	Total/NA	Solid	5035A_L	
480-240036-15	TT-6 4-6'	Total/NA	Solid	5035A_L	
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	5035A_L	
MB 480-779856/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-779856/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 779859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	EPA 8260D	779855
480-240036-2	TT-1 4-5'	Total/NA	Solid	EPA 8260D	779855
480-240036-3	TT-1 5-6'	Total/NA	Solid	EPA 8260D	779855
480-240036-4	TT-2 1-3'	Total/NA	Solid	EPA 8260D	779855
480-240036-5	TT-2 4-6'	Total/NA	Solid	EPA 8260D	779855
480-240036-6	TT-3 1-3'	Total/NA	Solid	EPA 8260D	779855
480-240036-7	TT-3 4-6'	Total/NA	Solid	EPA 8260D	779855
480-240036-8	TT-4 1-3'	Total/NA	Solid	EPA 8260D	779855
480-240036-9	TT-4 4-6'	Total/NA	Solid	EPA 8260D	779855
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	EPA 8260D	779855
480-240036-11	TT-5 1-2'	Total/NA	Solid	EPA 8260D	779855
480-240036-12	TT-5 4-6'	Total/NA	Solid	EPA 8260D	779855
MB 480-779855/2-A	Method Blank	Total/NA	Solid	EPA 8260D	779855
LCS 480-779855/1-A	Lab Control Sample	Total/NA	Solid	EPA 8260D	779855
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	EPA 8260D	779855
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	EPA 8260D	779855
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	EPA 8260D	779855
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	EPA 8260D	779855

GC/MS VOA

Analysis Batch: 779862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	EPA 8260D	779856
480-240036-14	TT-6 1-3'	Total/NA	Solid	EPA 8260D	779856
480-240036-15	TT-6 4-6'	Total/NA	Solid	EPA 8260D	779856
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	EPA 8260D	779856
MB 480-779856/2-A	Method Blank	Total/NA	Solid	EPA 8260D	779856
LCS 480-779856/1-A	Lab Control Sample	Total/NA	Solid	EPA 8260D	779856

GC/MS Semi VOA

Prep Batch: 779769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	3546	
480-240036-2	TT-1 4-5'	Total/NA	Solid	3546	
480-240036-3	TT-1 5-6'	Total/NA	Solid	3546	
480-240036-4	TT-2 1-3'	Total/NA	Solid	3546	
480-240036-5	TT-2 4-6'	Total/NA	Solid	3546	
480-240036-6	TT-3 1-3'	Total/NA	Solid	3546	
480-240036-6 - DL	TT-3 1-3'	Total/NA	Solid	3546	
480-240036-7	TT-3 4-6'	Total/NA	Solid	3546	
480-240036-8	TT-4 1-3'	Total/NA	Solid	3546	
480-240036-9	TT-4 4-6'	Total/NA	Solid	3546	
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	3546	
480-240036-11	TT-5 1-2'	Total/NA	Solid	3546	
480-240036-12	TT-5 4-6'	Total/NA	Solid	3546	
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	3546	
480-240036-14	TT-6 1-3'	Total/NA	Solid	3546	
480-240036-15	TT-6 4-6'	Total/NA	Solid	3546	
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	3546	
MB 480-779769/1-A	Method Blank	Total/NA	Solid	3546	
LCS 480-779769/2-A	Lab Control Sample	Total/NA	Solid	3546	
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	3546	
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	3546	
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	3546	
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	3546	

Analysis Batch: 779904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	EPA 8270E	779769
480-240036-2	TT-1 4-5'	Total/NA	Solid	EPA 8270E	779769
480-240036-5	TT-2 4-6'	Total/NA	Solid	EPA 8270E	779769
480-240036-7	TT-3 4-6'	Total/NA	Solid	EPA 8270E	779769
MB 480-779769/1-A	Method Blank	Total/NA	Solid	EPA 8270E	779769
LCS 480-779769/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	779769
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	EPA 8270E	779769
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	EPA 8270E	779769
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	EPA 8270E	779769
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	EPA 8270E	779769

Analysis Batch: 780008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-3	TT-1 5-6'	Total/NA	Solid	EPA 8270E	779769

GC/MS Semi VOA (Continued)

Analysis Batch: 780008 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-4	TT-2 1-3'	Total/NA	Solid	EPA 8270E	779769
480-240036-6	TT-3 1-3'	Total/NA	Solid	EPA 8270E	779769
480-240036-8	TT-4 1-3'	Total/NA	Solid	EPA 8270E	779769
480-240036-9	TT-4 4-6'	Total/NA	Solid	EPA 8270E	779769
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	EPA 8270E	779769
480-240036-11	TT-5 1-2'	Total/NA	Solid	EPA 8270E	779769
480-240036-12	TT-5 4-6'	Total/NA	Solid	EPA 8270E	779769
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	EPA 8270E	779769
480-240036-14	TT-6 1-3'	Total/NA	Solid	EPA 8270E	779769
480-240036-15	TT-6 4-6'	Total/NA	Solid	EPA 8270E	779769
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	EPA 8270E	779769

Analysis Batch: 780139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-6 - DL	TT-3 1-3'	Total/NA	Solid	EPA 8270E	779769

GC Semi VOA

Prep Batch: 779730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	3546	
480-240036-2	TT-1 4-5'	Total/NA	Solid	3546	
480-240036-3	TT-1 5-6'	Total/NA	Solid	3546	
480-240036-4	TT-2 1-3'	Total/NA	Solid	3546	
480-240036-5	TT-2 4-6'	Total/NA	Solid	3546	
480-240036-6	TT-3 1-3'	Total/NA	Solid	3546	
480-240036-7	TT-3 4-6'	Total/NA	Solid	3546	
480-240036-8	TT-4 1-3'	Total/NA	Solid	3546	
480-240036-9	TT-4 4-6'	Total/NA	Solid	3546	
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	3546	
480-240036-11	TT-5 1-2'	Total/NA	Solid	3546	
480-240036-12	TT-5 4-6'	Total/NA	Solid	3546	
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	3546	
480-240036-14	TT-6 1-3'	Total/NA	Solid	3546	
480-240036-15	TT-6 4-6'	Total/NA	Solid	3546	
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	3546	
MB 480-779730/1-A	Method Blank	Total/NA	Solid	3546	
LCS 480-779730/2-A	Lab Control Sample	Total/NA	Solid	3546	
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	3546	
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	3546	
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	3546	
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	3546	

Analysis Batch: 779771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	8081B	779730
480-240036-2	TT-1 4-5'	Total/NA	Solid	8081B	779730
480-240036-3	TT-1 5-6'	Total/NA	Solid	8081B	779730
480-240036-4	TT-2 1-3'	Total/NA	Solid	8081B	779730
480-240036-5	TT-2 4-6'	Total/NA	Solid	8081B	779730
480-240036-6	TT-3 1-3'	Total/NA	Solid	8081B	779730

GC Semi VOA (Continued)

Analysis Batch: 779771 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-7	TT-3 4-6'	Total/NA	Solid	8081B	779730
480-240036-8	TT-4 1-3'	Total/NA	Solid	8081B	779730
480-240036-9	TT-4 4-6'	Total/NA	Solid	8081B	779730
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	8081B	779730
480-240036-11	TT-5 1-2'	Total/NA	Solid	8081B	779730
480-240036-12	TT-5 4-6'	Total/NA	Solid	8081B	779730
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	8081B	779730
480-240036-14	TT-6 1-3'	Total/NA	Solid	8081B	779730
480-240036-15	TT-6 4-6'	Total/NA	Solid	8081B	779730
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	8081B	779730
MB 480-779730/1-A	Method Blank	Total/NA	Solid	8081B	779730
LCS 480-779730/2-A	Lab Control Sample	Total/NA	Solid	8081B	779730
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	8081B	779730
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	8081B	779730
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	8081B	779730
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	8081B	779730

Prep Batch: 779787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	3550C	
480-240036-2	TT-1 4-5'	Total/NA	Solid	3550C	
480-240036-3	TT-1 5-6'	Total/NA	Solid	3550C	
480-240036-4	TT-2 1-3'	Total/NA	Solid	3550C	
480-240036-5	TT-2 4-6'	Total/NA	Solid	3550C	
480-240036-6	TT-3 1-3'	Total/NA	Solid	3550C	
480-240036-8	TT-4 1-3'	Total/NA	Solid	3550C	
480-240036-9	TT-4 4-6'	Total/NA	Solid	3550C	
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	3550C	
480-240036-11	TT-5 1-2'	Total/NA	Solid	3550C	
480-240036-12	TT-5 4-6'	Total/NA	Solid	3550C	
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	3550C	
480-240036-14	TT-6 1-3'	Total/NA	Solid	3550C	
480-240036-15	TT-6 4-6'	Total/NA	Solid	3550C	
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	3550C	
MB 480-779787/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-779787/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	3550C	
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	3550C	

Analysis Batch: 779890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	8082A	779787
480-240036-2	TT-1 4-5'	Total/NA	Solid	8082A	779787
480-240036-3	TT-1 5-6'	Total/NA	Solid	8082A	779787
480-240036-4	TT-2 1-3'	Total/NA	Solid	8082A	779787
480-240036-5	TT-2 4-6'	Total/NA	Solid	8082A	779787
480-240036-6	TT-3 1-3'	Total/NA	Solid	8082A	779787
480-240036-8	TT-4 1-3'	Total/NA	Solid	8082A	779787
480-240036-9	TT-4 4-6'	Total/NA	Solid	8082A	779787
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	8082A	779787
480-240036-11	TT-5 1-2'	Total/NA	Solid	8082A	779787

GC Semi VOA (Continued)

Analysis Batch: 779890 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-12	TT-5 4-6'	Total/NA	Solid	8082A	779787
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	8082A	779787
480-240036-14	TT-6 1-3'	Total/NA	Solid	8082A	779787
480-240036-15	TT-6 4-6'	Total/NA	Solid	8082A	779787
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	8082A	779787
MB 480-779787/1-A	Method Blank	Total/NA	Solid	8082A	779787
LCS 480-779787/2-A	Lab Control Sample	Total/NA	Solid	8082A	779787
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	8082A	779787
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	8082A	779787

Analysis Batch: 780128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-7	TT-3 4-6'	Total/NA	Solid	8082A	780170
MB 480-780170/1-A	Method Blank	Total/NA	Solid	8082A	780170
LCS 480-780170/2-A	Lab Control Sample	Total/NA	Solid	8082A	780170
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	8082A	780170
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	8082A	780170

Prep Batch: 780170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-7	TT-3 4-6'	Total/NA	Solid	3550C	
MB 480-780170/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-780170/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	3550C	
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	3550C	

LCMS

Prep Batch: 846397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	1633A	
480-240036-2	TT-1 4-5'	Total/NA	Solid	1633A	
480-240036-3	TT-1 5-6'	Total/NA	Solid	1633A	
480-240036-4	TT-2 1-3'	Total/NA	Solid	1633A	
480-240036-5	TT-2 4-6'	Total/NA	Solid	1633A	
480-240036-6	TT-3 1-3'	Total/NA	Solid	1633A	
480-240036-9	TT-4 4-6'	Total/NA	Solid	1633A	
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	1633A	
480-240036-11	TT-5 1-2'	Total/NA	Solid	1633A	
480-240036-12	TT-5 4-6'	Total/NA	Solid	1633A	
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	1633A	
480-240036-14	TT-6 1-3'	Total/NA	Solid	1633A	
480-240036-15	TT-6 4-6'	Total/NA	Solid	1633A	
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	1633A	
MB 410-846397/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-846397/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-846397/3-A	Lab Control Sample	Total/NA	Solid	1633A	
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	1633A	
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	1633A	

LCMS

Prep Batch: 846677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-7	TT-3 4-6'	Total/NA	Solid	1633A	
480-240036-8	TT-4 1-3'	Total/NA	Solid	1633A	
MB 410-846677/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-846677/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-846677/3-A	Lab Control Sample	Total/NA	Solid	1633A	
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	1633A	
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	1633A	

Analysis Batch: 849415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-7	TT-3 4-6'	Total/NA	Solid	1633A	846677
480-240036-8	TT-4 1-3'	Total/NA	Solid	1633A	846677
MB 410-846677/1-A	Method Blank	Total/NA	Solid	1633A	846677
LCS 410-846677/2-A	Lab Control Sample	Total/NA	Solid	1633A	846677
LLCS 410-846677/3-A	Lab Control Sample	Total/NA	Solid	1633A	846677
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	1633A	846677
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	1633A	846677

Analysis Batch: 850014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	1633A	846397
480-240036-2	TT-1 4-5'	Total/NA	Solid	1633A	846397
480-240036-3	TT-1 5-6'	Total/NA	Solid	1633A	846397
480-240036-4	TT-2 1-3'	Total/NA	Solid	1633A	846397
480-240036-5	TT-2 4-6'	Total/NA	Solid	1633A	846397
480-240036-6	TT-3 1-3'	Total/NA	Solid	1633A	846397
480-240036-9	TT-4 4-6'	Total/NA	Solid	1633A	846397
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	1633A	846397
480-240036-11	TT-5 1-2'	Total/NA	Solid	1633A	846397
480-240036-12	TT-5 4-6'	Total/NA	Solid	1633A	846397
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	1633A	846397
480-240036-14	TT-6 1-3'	Total/NA	Solid	1633A	846397
480-240036-15	TT-6 4-6'	Total/NA	Solid	1633A	846397
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	1633A	846397
MB 410-846397/1-A	Method Blank	Total/NA	Solid	1633A	846397
LCS 410-846397/2-A	Lab Control Sample	Total/NA	Solid	1633A	846397
LLCS 410-846397/3-A	Lab Control Sample	Total/NA	Solid	1633A	846397
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	1633A	846397
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	1633A	846397

Metals

Prep Batch: 779745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	3050B	
480-240036-2	TT-1 4-5'	Total/NA	Solid	3050B	
480-240036-3	TT-1 5-6'	Total/NA	Solid	3050B	
480-240036-4	TT-2 1-3'	Total/NA	Solid	3050B	
480-240036-5	TT-2 4-6'	Total/NA	Solid	3050B	
480-240036-6	TT-3 1-3'	Total/NA	Solid	3050B	
480-240036-7	TT-3 4-6'	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 779745 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-8	TT-4 1-3'	Total/NA	Solid	3050B	
480-240036-9	TT-4 4-6'	Total/NA	Solid	3050B	
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	3050B	
480-240036-11	TT-5 1-2'	Total/NA	Solid	3050B	
480-240036-12	TT-5 4-6'	Total/NA	Solid	3050B	
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	3050B	
480-240036-14	TT-6 1-3'	Total/NA	Solid	3050B	
480-240036-15	TT-6 4-6'	Total/NA	Solid	3050B	
MB 480-779745/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-779745/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	3050B	
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	3050B	
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	3050B	
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	3050B	

Prep Batch: 779834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	3050B	
MB 480-779834/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-779834/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 779918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	6010D	779745
480-240036-2	TT-1 4-5'	Total/NA	Solid	6010D	779745
480-240036-3	TT-1 5-6'	Total/NA	Solid	6010D	779745
480-240036-4	TT-2 1-3'	Total/NA	Solid	6010D	779745
480-240036-5	TT-2 4-6'	Total/NA	Solid	6010D	779745
480-240036-6	TT-3 1-3'	Total/NA	Solid	6010D	779745
480-240036-7	TT-3 4-6'	Total/NA	Solid	6010D	779745
480-240036-8	TT-4 1-3'	Total/NA	Solid	6010D	779745
480-240036-9	TT-4 4-6'	Total/NA	Solid	6010D	779745
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	6010D	779745
480-240036-11	TT-5 1-2'	Total/NA	Solid	6010D	779745
480-240036-12	TT-5 4-6'	Total/NA	Solid	6010D	779745
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	6010D	779745
480-240036-14	TT-6 1-3'	Total/NA	Solid	6010D	779745
480-240036-15	TT-6 4-6'	Total/NA	Solid	6010D	779745
MB 480-779745/1-A	Method Blank	Total/NA	Solid	6010D	779745
LCSSRM 480-779745/2-A	Lab Control Sample	Total/NA	Solid	6010D	779745
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	6010D	779745
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	6010D	779745
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	6010D	779745
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	6010D	779745

Analysis Batch: 779950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-4	TT-2 1-3'	Total/NA	Solid	6010D	779745
480-240036-8	TT-4 1-3'	Total/NA	Solid	6010D	779745

Metals

Analysis Batch: 779976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	6010D	779834
MB 480-779834/1-A	Method Blank	Total/NA	Solid	6010D	779834
LCSSRM 480-779834/2-A	Lab Control Sample	Total/NA	Solid	6010D	779834

Prep Batch: 780029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	7471B	
480-240036-2	TT-1 4-5'	Total/NA	Solid	7471B	
480-240036-3	TT-1 5-6'	Total/NA	Solid	7471B	
480-240036-4	TT-2 1-3'	Total/NA	Solid	7471B	
480-240036-5	TT-2 4-6'	Total/NA	Solid	7471B	
480-240036-6	TT-3 1-3'	Total/NA	Solid	7471B	
MB 480-780029/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-780029/2-A	Lab Control Sample	Total/NA	Solid	7471B	
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	7471B	
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	7471B	

Prep Batch: 780030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-7	TT-3 4-6'	Total/NA	Solid	7471B	
480-240036-8	TT-4 1-3'	Total/NA	Solid	7471B	
480-240036-9	TT-4 4-6'	Total/NA	Solid	7471B	
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	7471B	
480-240036-11	TT-5 1-2'	Total/NA	Solid	7471B	
480-240036-12	TT-5 4-6'	Total/NA	Solid	7471B	
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	7471B	
480-240036-14	TT-6 1-3'	Total/NA	Solid	7471B	
480-240036-15	TT-6 4-6'	Total/NA	Solid	7471B	
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	7471B	
MB 480-780030/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-780030/2-A	Lab Control Sample	Total/NA	Solid	7471B	
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	7471B	
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	7471B	

Analysis Batch: 780088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	7471B	780029
480-240036-2	TT-1 4-5'	Total/NA	Solid	7471B	780029
480-240036-3	TT-1 5-6'	Total/NA	Solid	7471B	780029
480-240036-4	TT-2 1-3'	Total/NA	Solid	7471B	780029
480-240036-5	TT-2 4-6'	Total/NA	Solid	7471B	780029
480-240036-6	TT-3 1-3'	Total/NA	Solid	7471B	780029
480-240036-7	TT-3 4-6'	Total/NA	Solid	7471B	780030
480-240036-8	TT-4 1-3'	Total/NA	Solid	7471B	780030
480-240036-9	TT-4 4-6'	Total/NA	Solid	7471B	780030
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	7471B	780030
480-240036-11	TT-5 1-2'	Total/NA	Solid	7471B	780030
480-240036-12	TT-5 4-6'	Total/NA	Solid	7471B	780030
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	7471B	780030
480-240036-14	TT-6 1-3'	Total/NA	Solid	7471B	780030
480-240036-15	TT-6 4-6'	Total/NA	Solid	7471B	780030

Metals (Continued)

Analysis Batch: 780088 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	7471B	780030
MB 480-780029/1-A	Method Blank	Total/NA	Solid	7471B	780029
MB 480-780030/1-A	Method Blank	Total/NA	Solid	7471B	780030
LCSSRM 480-780029/2-A	Lab Control Sample	Total/NA	Solid	7471B	780029
LCSSRM 480-780030/2-A	Lab Control Sample	Total/NA	Solid	7471B	780030
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	7471B	780029
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	7471B	780029
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	7471B	780030
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	7471B	780030

General Chemistry

Analysis Batch: 779728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	Moisture	
480-240036-2	TT-1 4-5'	Total/NA	Solid	Moisture	
480-240036-3	TT-1 5-6'	Total/NA	Solid	Moisture	
480-240036-4	TT-2 1-3'	Total/NA	Solid	Moisture	
480-240036-5	TT-2 4-6'	Total/NA	Solid	Moisture	
480-240036-6	TT-3 1-3'	Total/NA	Solid	Moisture	
480-240036-7	TT-3 4-6'	Total/NA	Solid	Moisture	
480-240036-8	TT-4 1-3'	Total/NA	Solid	Moisture	
480-240036-9	TT-4 4-6'	Total/NA	Solid	Moisture	
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	Moisture	
480-240036-11	TT-5 1-2'	Total/NA	Solid	Moisture	
480-240036-12	TT-5 4-6'	Total/NA	Solid	Moisture	
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	Moisture	
480-240036-14	TT-6 1-3'	Total/NA	Solid	Moisture	
480-240036-15	TT-6 4-6'	Total/NA	Solid	Moisture	
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	Moisture	
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	Moisture	
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	Moisture	
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	Moisture	
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	Moisture	

Prep Batch: 779852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	9012B	
480-240036-2	TT-1 4-5'	Total/NA	Solid	9012B	
480-240036-3	TT-1 5-6'	Total/NA	Solid	9012B	
480-240036-4	TT-2 1-3'	Total/NA	Solid	9012B	
480-240036-5	TT-2 4-6'	Total/NA	Solid	9012B	
480-240036-6	TT-3 1-3'	Total/NA	Solid	9012B	
480-240036-7	TT-3 4-6'	Total/NA	Solid	9012B	
480-240036-8	TT-4 1-3'	Total/NA	Solid	9012B	
480-240036-9	TT-4 4-6'	Total/NA	Solid	9012B	
MB 480-779852/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 480-779852/3-A	Lab Control Sample	Total/NA	Solid	9012B	
LCS 480-779852/4-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSSRM 480-779852/2-A	Lab Control Sample	Total/NA	Solid	9012B	
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	9012B	

General Chemistry (Continued)

Prep Batch: 779852 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	9012B	
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	9012B	
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	9012B	

Analysis Batch: 779868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-1	TT-1 1-3'	Total/NA	Solid	9012B	779852
480-240036-2	TT-1 4-5'	Total/NA	Solid	9012B	779852
480-240036-3	TT-1 5-6'	Total/NA	Solid	9012B	779852
480-240036-4	TT-2 1-3'	Total/NA	Solid	9012B	779852
480-240036-5	TT-2 4-6'	Total/NA	Solid	9012B	779852
480-240036-6	TT-3 1-3'	Total/NA	Solid	9012B	779852
480-240036-7	TT-3 4-6'	Total/NA	Solid	9012B	779852
480-240036-8	TT-4 1-3'	Total/NA	Solid	9012B	779852
480-240036-9	TT-4 4-6'	Total/NA	Solid	9012B	779852
MB 480-779852/1-A	Method Blank	Total/NA	Solid	9012B	779852
LCS 480-779852/3-A	Lab Control Sample	Total/NA	Solid	9012B	779852
LCS 480-779852/4-A	Lab Control Sample	Total/NA	Solid	9012B	779852
LCSSRM 480-779852/2-A	Lab Control Sample	Total/NA	Solid	9012B	779852
480-240036-5 MS	TT-2 4-6'	Total/NA	Solid	9012B	779852
480-240036-5 MSD	TT-2 4-6'	Total/NA	Solid	9012B	779852
480-240036-7 MS	TT-3 4-6'	Total/NA	Solid	9012B	779852
480-240036-7 MSD	TT-3 4-6'	Total/NA	Solid	9012B	779852

Prep Batch: 780075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	9012B	
480-240036-11	TT-5 1-2'	Total/NA	Solid	9012B	
480-240036-12	TT-5 4-6'	Total/NA	Solid	9012B	
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	9012B	
480-240036-14	TT-6 1-3'	Total/NA	Solid	9012B	
480-240036-15	TT-6 4-6'	Total/NA	Solid	9012B	
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	9012B	
MB 480-780075/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 480-780075/3-A	Lab Control Sample	Total/NA	Solid	9012B	
LCS 480-780075/4-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSSRM 480-780075/2-A	Lab Control Sample	Total/NA	Solid	9012B	
480-240036-10 MS	TT-4 4-6' DUP	Total/NA	Solid	9012B	
480-240036-10 DU	TT-4 4-6' DUP	Total/NA	Solid	9012B	

Analysis Batch: 780084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240036-10	TT-4 4-6' DUP	Total/NA	Solid	9012B	780075
480-240036-11	TT-5 1-2'	Total/NA	Solid	9012B	780075
480-240036-12	TT-5 4-6'	Total/NA	Solid	9012B	780075
480-240036-13	TT-5 4-6' DUP	Total/NA	Solid	9012B	780075
480-240036-14	TT-6 1-3'	Total/NA	Solid	9012B	780075
480-240036-15	TT-6 4-6'	Total/NA	Solid	9012B	780075
480-240036-16	RI-MW-3 20-25'	Total/NA	Solid	9012B	780075
MB 480-780075/1-A	Method Blank	Total/NA	Solid	9012B	780075
LCS 480-780075/3-A	Lab Control Sample	Total/NA	Solid	9012B	780075

General Chemistry (Continued)

Analysis Batch: 780084 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-780075/4-A	Lab Control Sample	Total/NA	Solid	9012B	780075
LCSSRM 480-780075/2-A	Lab Control Sample	Total/NA	Solid	9012B	780075
480-240036-10 MS	TT-4 4-6' DUP	Total/NA	Solid	9012B	780075
480-240036-10 DU	TT-4 4-6' DUP	Total/NA	Solid	9012B	780075

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 00:59
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		10	779904	AF	EET BUF	07/07/26 08:47
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		50	779771	JLS	EET BUF	07/02/26 12:43
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 12:04
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 11:47
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 18:43
Total/NA	Prep	7471B			780029	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 15:31
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:20

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 01:23
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 09:11
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		20	779771	JLS	EET BUF	07/02/26 13:02
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 12:22

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 12:01
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 18:45
Total/NA	Prep	7471B			780029	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 15:34
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:21

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3
Date Collected: 06/30/26 10:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 01:47
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		5	780008	JMM	EET BUF	07/07/26 13:26
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		5	779771	JLS	EET BUF	07/02/26 13:22
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 12:41
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 12:15
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 18:47
Total/NA	Prep	7471B			780029	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 15:36
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:21

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4

Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 02:10
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		10	780008	JMM	EET BUF	07/07/26 13:50
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		20	779771	JLS	EET BUF	07/02/26 13:42
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 12:59
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 12:28
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 18:55
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		5	779950	MP	EET BUF	07/06/26 13:15
Total/NA	Prep	7471B			780029	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 15:39
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:21

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5

Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5

Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 02:33
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 01:36
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 10:45
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 11:27
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 12:42
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 18:56
Total/NA	Prep	7471B			780029	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 15:49

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5
Date Collected: 06/30/26 09:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:13

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 69.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 02:57
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		10	780008	JMM	EET BUF	07/07/26 14:15
Total/NA	Prep	3546	DL		779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E	DL	50	780139	JMM	EET BUF	07/09/26 09:59
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		20	779771	JLS	EET BUF	07/02/26 14:01
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 13:17
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 13:23
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 19:06
Total/NA	Prep	7471B			780029	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 15:59
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:24

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7
Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7

Date Collected: 06/30/26 11:15
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 03:20
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 02:00
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 11:05
Total/NA	Prep	3550C			780170	LSC	EET BUF	07/08/26 13:02
Total/NA	Analysis	8082A		1	780128	C1P	EET BUF	07/09/26 08:20
Total/NA	Prep	1633A			846677	69CB	ELLE	07/06/26 14:16
Total/NA	Analysis	1633A		1	849415	DX7G	ELLE	07/10/26 22:52
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 19:08
Total/NA	Prep	7471B			780030	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 16:07
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:25

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8

Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8

Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 03:43
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		5	780008	JMM	EET BUF	07/07/26 14:39
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		20	779771	JLS	EET BUF	07/02/26 14:21
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 13:36
Total/NA	Prep	1633A			846677	69CB	ELLE	07/06/26 14:16
Total/NA	Analysis	1633A		1	849415	DX7G	ELLE	07/10/26 23:32
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 19:20
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		5	779950	MP	EET BUF	07/06/26 13:17
Total/NA	Prep	7471B			780030	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 16:25

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:24

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 04:07
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		1	780008	JMM	EET BUF	07/07/26 15:03
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 14:40
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 13:54
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 13:36
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 19:22
Total/NA	Prep	7471B			780030	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 16:27
Total/NA	Prep	9012B			779852	AM	EET BUF	07/02/26 14:15
Total/NA	Analysis	9012B		1	779868	AM	EET BUF	07/02/26 18:25

Client Sample ID: TT-4 4-6' DUP
Lab Sample ID: 480-240036-10
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-4 4-6' DUP
Lab Sample ID: 480-240036-10
Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 04:31

Client Sample ID: TT-4 4-6' DUP
Lab Sample ID: 480-240036-10

Date Collected: 06/30/26 12:30
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		1	780008	JMM	EET BUF	07/07/26 15:28
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 15:00
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 14:13
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 13:50
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 19:24
Total/NA	Prep	7471B			780030	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 16:30
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:27

Client Sample ID: TT-5 1-2'
Lab Sample ID: 480-240036-11

Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-5 1-2'
Lab Sample ID: 480-240036-11

Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 04:55
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		10	780008	JMM	EET BUF	07/07/26 15:52
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 15:39
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 14:31
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 14:03
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 19:25
Total/NA	Prep	7471B			780030	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 16:32
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:30

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779855	CDC	EET BUF	07/02/26 18:25
Total/NA	Analysis	EPA 8260D		1	779859	CDC	EET BUF	07/03/26 05:18
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		1	780008	JMM	EET BUF	07/07/26 16:16
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 15:59
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 14:49
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 14:44
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 19:27
Total/NA	Prep	7471B			780030	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 16:35
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:31

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13
Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779856	CDC	EET BUF	07/02/26 18:26
Total/NA	Analysis	EPA 8260D		1	779862	CDC	EET BUF	07/03/26 04:46
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		1	780008	JMM	EET BUF	07/07/26 16:40
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 16:19
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 15:08

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13

Date Collected: 06/30/26 13:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 14:58
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 19:29
Total/NA	Prep	7471B			780030	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 16:37
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:32

Client Sample ID: TT-6 1-3'
Lab Sample ID: 480-240036-14

Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-6 1-3'
Lab Sample ID: 480-240036-14

Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779856	CDC	EET BUF	07/02/26 18:26
Total/NA	Analysis	EPA 8260D		1	779862	CDC	EET BUF	07/03/26 05:09
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		10	780008	JMM	EET BUF	07/07/26 17:04
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		20	779771	JLS	EET BUF	07/02/26 16:38
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 15:26
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 15:11
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 19:31
Total/NA	Prep	7471B			780030	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 16:40
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:34

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15

Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15

Date Collected: 06/30/26 13:45
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779856	CDC	EET BUF	07/02/26 18:26
Total/NA	Analysis	EPA 8260D		1	779862	CDC	EET BUF	07/03/26 05:31
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		1	780008	JMM	EET BUF	07/07/26 17:28
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 16:58
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 16:21
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 15:25
Total/NA	Prep	3050B			779745	EMO	EET BUF	07/01/26 16:08
Total/NA	Analysis	6010D		1	779918	MP	EET BUF	07/02/26 19:33
Total/NA	Prep	7471B			780030	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 16:42
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:35

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16

Date Collected: 06/30/26 00:00
Matrix: Solid
Date Received: 06/30/26 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779728	VXF	EET BUF	07/01/26 13:12

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16

Date Collected: 06/30/26 00:00
Matrix: Solid
Date Received: 06/30/26 15:45
Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779856	CDC	EET BUF	07/02/26 18:26
Total/NA	Analysis	EPA 8260D		1	779862	CDC	EET BUF	07/03/26 05:54
Total/NA	Prep	3546			779769	VXF	EET BUF	07/02/26 06:27
Total/NA	Analysis	EPA 8270E		1	780008	JMM	EET BUF	07/07/26 17:52
Total/NA	Prep	3546			779730	LSC	EET BUF	07/01/26 13:26
Total/NA	Analysis	8081B		1	779771	JLS	EET BUF	07/02/26 17:17
Total/NA	Prep	3550C			779787	JMP	EET BUF	07/02/26 08:41
Total/NA	Analysis	8082A		1	779890	H9RU	EET BUF	07/06/26 16:39
Total/NA	Prep	1633A			846397	RZZ4	ELLE	07/06/26 07:31
Total/NA	Analysis	1633A		1	850014	DX7G	ELLE	07/12/26 15:38
Total/NA	Prep	3050B			779834	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	779976	MP	EET BUF	07/06/26 15:54
Total/NA	Prep	7471B			780030	EMO	EET BUF	07/07/26 11:43
Total/NA	Analysis	7471B		1	780088	BMB	EET BUF	07/07/26 16:45
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:35

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-27

The following analytes are included in this report, but the laboratory is not certified by New York NELAP 10026. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-27

Method Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	EET BUF
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6010D	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
9012B	Cyanide, Total andor Amenable	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET BUF
3546	Microwave Extraction	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-240036-1	TT-1 1-3'	Solid	06/30/26 10:30	06/30/26 15:45	New York
480-240036-2	TT-1 4-5'	Solid	06/30/26 10:30	06/30/26 15:45	New York
480-240036-3	TT-1 5-6'	Solid	06/30/26 10:30	06/30/26 15:45	New York
480-240036-4	TT-2 1-3'	Solid	06/30/26 09:30	06/30/26 15:45	New York
480-240036-5	TT-2 4-6'	Solid	06/30/26 09:30	06/30/26 15:45	New York
480-240036-6	TT-3 1-3'	Solid	06/30/26 11:15	06/30/26 15:45	New York
480-240036-7	TT-3 4-6'	Solid	06/30/26 11:15	06/30/26 15:45	New York
480-240036-8	TT-4 1-3'	Solid	06/30/26 12:30	06/30/26 15:45	New York
480-240036-9	TT-4 4-6'	Solid	06/30/26 12:30	06/30/26 15:45	New York
480-240036-10	TT-4 4-6' DUP	Solid	06/30/26 12:30	06/30/26 15:45	New York
480-240036-11	TT-5 1-2'	Solid	06/30/26 13:00	06/30/26 15:45	New York
480-240036-12	TT-5 4-6'	Solid	06/30/26 13:00	06/30/26 15:45	New York
480-240036-13	TT-5 4-6' DUP	Solid	06/30/26 13:00	06/30/26 15:45	New York
480-240036-14	TT-6 1-3'	Solid	06/30/26 13:45	06/30/26 15:45	New York
480-240036-15	TT-6 4-6'	Solid	06/30/26 13:45	06/30/26 15:45	New York
480-240036-16	RI-MW-3 20-25'	Solid	06/30/26 00:00	06/30/26 15:45	New York

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214744-42931 1
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 5
Company: Brydges Engineering in Environment & Energy DPC	PWSID:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days): 10			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI Soil	Project #: 48030331			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	6010D, 7471B, 9012B	8081B, 8082A, 8270E	8260D TCL VOCs + TICs (ML Bulk)	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	N		
TT-1 1-3'	6/30/26	1030	G	Solid			X	X	X	X		
TT-1 4-5'				Solid								
TT-1 5-6'				Solid								
TT-2 1-3'		930		Solid								
TT-2 4-6'				Solid								
TT-2 4-6' MS				Solid		X						
TT-2 4-6 MSD				Solid		X						
TT-3 -3		1115		Solid								
TT 3 4-6				Solid								
TT 3 4 6 MS				Solid		X						
TT 3 4-6 MSD				Solid		X						

480-240036 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological	☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Paul Stahl II	6/30/26 3:15	BE3	[signature]	6-30-26 1545	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 24.5, 29.7, IR#5C1, TCC

Ver: 03/20/2026

7/15/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Beninati John	Carrier Tracking No(s):	COC No: 480-214744-42931.2
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 2 of 5
Company: Brydges Engineering in Environment & Energy DPC	PWSID:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days): 10			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI Soil	Project #: 48030331			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None — Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	6010D, 7471B, 9012B	8081B, 8082A, 8270E	8260D TCL VOCs + TICs (ML Bulk)	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	N		
TT-4 1-3'	6/30	1230	G	Solid			X	X	X	X		
TT-4 4-6'				Solid								
TT-4 4-6' DUP				Solid								
TT-5 1-2'		1000		Solid								
TT-5 4-6				Solid								
TT-5 4-6 Dup				Solid								
TT-6 1-3'		1145		Solid			X	X	X	X		
TT-6 4-6'				Solid			X	X	X	X		
				Solid								
				Solid								
				Solid								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	6/30/26 345	BE3	[signature]	6-30-26 1545	ET
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 24.5, 29.7 IR#81 ICE

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99314.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240036-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake-List of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TT-1 1-3' (480-240036-1)	6/30/26	10:30 Eastern	G	Solid			X	1	
TT-1 4-5' (480-240036-2)	6/30/26	10:30 Eastern	G	Solid			X	1	
TT-1 5-6' (480-240036-3)	6/30/26	10:30 Eastern	G	Solid			X	1	
TT-2 1-3' (480-240036-4)	6/30/26	09:30 Eastern	G	Solid			X	1	
TT-2 4-6' (480-240036-5)	6/30/26	09:30 Eastern	G	Solid			X	1	
TT-2 4-6' (480-240036-5MS)	6/30/26	09:30 Eastern	G	Solid			X	1	
TT-2 4-6' (480-240036-5MSD)	6/30/26	09:30 Eastern	G	Solid			X	1	
TT-3 1-3' (480-240036-6)	6/30/26	11:15 Eastern	G	Solid			X	1	
TT-3 4-6' (480-240036-7)	6/30/26	11:15 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[signature] 1700	7-1-26 1700	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				7/2/26 10:40	ELLET

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		R: 3.5 C: 4.0

AW

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99314.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240036-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TT-3 4-6' (480-240036-7MS)	6/30/26	11:15 Eastern	G	Solid			X	1	
TT-3 4-6' (480-240036-7MSD)	6/30/26	11:15 Eastern	G	Solid			X	1	
TT-4 1-3' (480-240036-8)	6/30/26	12:30 Eastern	G	Solid			X	1	
TT-4 4-6' (480-240036-9)	6/30/26	12:30 Eastern	G	Solid			X	1	
TT-4 4-6' DUP (480-240036-10)	6/30/26	12:30 Eastern	G	Solid			X	1	
TT-5 1-2' (480-240036-11)	6/30/26	13:00 Eastern	G	Solid			X	1	
TT-5 4-6' (480-240036-12)	6/30/26	13:00 Eastern	G	Solid			X	1	
TT-5 4-6' DUP (480-240036-13)	6/30/26	13:00 Eastern	G	Solid			X	1	
TT-6 1-3' (480-240036-14)	6/30/26	13:45 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[signature]	7-1-26 1700	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				7/2/26 10:40	ECET

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
Δ Yes Δ No		R:3.5 C:4.0

IAW

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99314.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 3 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240036-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TT-6 4-6' (480-240036-15)	6/30/26	13:45 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[signature]	7-1-26 1700	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				7/2/26 10:40	ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		R:3.5 C:4.0

AW

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99316.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240036-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_SL List of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RI-MW-3 20-25' (480-240036-16)	6/30/26	Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[signature]	7-1-26 1700	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[signature]	7/2/26 10:40	ELLET

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		R: 3.5 C: 4.0

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240036-1

Login Number: 240036

List Source: Eurofins Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Yes: Received same day of collection; chilling process has begun
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	No: Received extra samples not listed on COC.
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	BE3
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240036-1

Login Number: 240036
List Number: 2
Creator: Williams, Aeric

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 07/02/26 03:37 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo, New York 14213

Generated 7/20/2026 2:06:52 PM

JOB DESCRIPTION

375 Michigan Remedial Investigation

JOB NUMBER

480-240063-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
7/20/2026 2:06:52 PM

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

LCMS

Qualifier	Qualifier Description
*5-	Isotope dilution analyte is outside acceptance limits, low biased.
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
480-240063-1

Receipt
The samples were received on 7/1/2026 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 22.9º C and 24.3º C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for preparation batch 480-779978 and analytical batch 480-779982 recovered outside control limits for the following analytes: 2-Butanone (MEK), Acetone and Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are: RI-BH-5 1-3' (480-240063-14), RI-BH-5 4-6' (480-240063-15), RI-BH-6 1-3' (480-240063-16), RI-BH-6 4-6' (480-240063-17), RI-BH-7 1-3' (480-240063-18) and RI-BH-7 4-6' (480-240063-19)

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779982 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloropropane, 2-Butanone (MEK), Benzene, Carbon disulfide, Carbon tetrachloride, Chloromethane, Cyclohexane, cis-1,3-Dichloropropene, Bromodichloromethane, Dichlorodifluoromethane, Methylcyclohexane, Methylene Chloride, trans-1,2-Dichloroethene, Trichloroethene, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:RI-BH-5 1-3' (480-240063-14), RI-BH-6 4-6' (480-240063-17), RI-BH-7 1-3' (480-240063-18) and RI-BH-7 4-6' (480-240063-19).

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779982 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloropropane, 2-Butanone (MEK), Carbon disulfide, Chloromethane, Cyclohexane, cis-1,3-Dichloropropene, Bromodichloromethane, Dichlorodifluoromethane, Methylcyclohexane, Methylene Chloride, trans-1,2-Dichloroethene, Trichloroethene, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:RI-BH-5 4-6' (480-240063-15).

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779982 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloropropane, 2-Butanone (MEK), Benzene, Carbon disulfide, Chloromethane, Cyclohexane, cis-1,3-Dichloropropene, Bromodichloromethane, Dichlorodifluoromethane, Methylcyclohexane, Methylene Chloride, trans-1,2-Dichloroethene, Trichloroethene, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:RI-BH-6 1-3' (480-240063-16).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 480-779982 was outside the method criteria for the following analyte(s): Benzene and Carbon tetrachloride. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated sample is: RI-BH-5 4-6' (480-240063-15).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 480-779982 was outside the method criteria for the following analyte(s): Carbon tetrachloride. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated sample is: RI-BH-6 1-3' (480-240063-16).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 480-779900 recovered above the upper control limit for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:RI-BH-3 1-3' (480-240063-1) and RI-BH-9 1-3' (480-240063-3).

Method 8270E: The continuing calibration verification (CCV) associated with batch 480-779900 recovered above the upper control limit for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:RI-BH-4 1-3' (480-240063-2).

Method 8270E: The following sample(s) was diluted due color, appearance, and viscosity. RI-BH-10 1-3' (480-240063-4), RI-BH-12 1-3' (480-240063-12), RI-BH-5 1-3' (480-240063-14), RI-BH-6 1-3' (480-240063-16), RI-BH-7 1-3' (480-240063-18) and RI-BH-7 4-6' (480-240063-19). Elevated reporting limits (RL) are provided.

Job ID: 480-240063-1 (Continued) Eurofins Buffalo

Method 8270E: The continuing calibration verification (CCV) associated with batch 480-779904 recovered above the upper control limit for 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:RI-BH-10 1-3' (480-240063-4), RI-BH-11 1-3' (480-240063-5), RI-BH-1 1-3' (480-240063-6), RI-BH-1 8-10' (480-240063-7), RI-BH-2 1-3' (480-240063-8), RI-BH-2 8-10 (480-240063-9), RI-BH-8 1-3' (480-240063-10), RI-BH-8 8-10' (480-240063-11), RI-BH-12 1-3' (480-240063-12), RI-BH-12 8-10 (480-240063-13), RI-BH-5 1-3' (480-240063-14), RI-BH-5 4-6' (480-240063-15), RI-BH-6 1-3' (480-240063-16), RI-BH-6 4-6' (480-240063-17), RI-BH-7 1-3' (480-240063-18) and RI-BH-7 4-6' (480-240063-19).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: The following samples were diluted due to the nature of the sample matrix: RI-BH-10 1-3' (480-240063-4), RI-BH-2 1-3' (480-240063-8), RI-BH-12 1-3' (480-240063-12) and RI-BH-5 1-3' (480-240063-14). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method 8081B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-779888 and analytical batch 480-780041 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. RI-BH-4 1-3' (480-240063-2)

Method 8081B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 480-779888 and analytical batch 480-780041 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected. RI-BH-4 1-3' (480-240063-2)

Method 8081B: The following samples were diluted due to the nature of the sample matrix: RI-BH-6 1-3' (480-240063-16), RI-BH-7 1-3' (480-240063-18) and RI-BH-7 4-6' (480-240063-19). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-779976 is outside the acceptance criteria for the following analytes: Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-780000 is outside the acceptance criteria for the following analytes: Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 480-780075 and analytical batch 480-780084 were outside control limits: RI-BH-1 8-10' (480-240063-7) and (480-240036-B-10-D). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 480-780416 and analytical batch 480-780435 were outside control limits: RI-BH-2 1-3' (480-240063-8). The associated laboratory control sample (LCS) recovery met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3546: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: RI-BH-9 1-3' (480-240063-3). The reporting limits (RLs) have been adjusted proportionately.

Method 3546: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: RI-BH-3 1-3' (480-240063-1), RI-BH-9 1-3' (480-240063-3), RI-BH-10 1-3' (480-240063-4), RI-BH-11 1-3' (480-240063-5), RI-BH-1 1-3' (480-240063-6), RI-BH-2 1-3' (480-240063-8), RI-BH-12 1-3' (480-240063-12), RI-BH-5 1-3' (480-240063-14), RI-BH-6 1-3'

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(480-240063-16), RI-BH-7 1-3' (480-240063-18) and RI-BH-7 4-6' (480-240063-19).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.7	J B vs	28	4.7	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.84	J B vs	5.6	0.34	ug/Kg	1	☼	EPA 8260D	Total/NA
Toluene	0.56	J B vs	5.6	0.42	ug/Kg	1	☼	EPA 8260D	Total/NA
Acenaphthene	54	J	190	35	ug/Kg	1	☼	EPA 8270E	Total/NA
Anthracene	140	J	190	35	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[a]anthracene	360		190	26	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	300		190	32	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	390		190	25	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	200		190	33	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	170	J	190	42	ug/Kg	1	☼	EPA 8270E	Total/NA
Carbazole	71	J	190	37	ug/Kg	1	☼	EPA 8270E	Total/NA
Chrysene	370		190	45	ug/Kg	1	☼	EPA 8270E	Total/NA
Dibenz(a,h)anthracene	59	J	190	38	ug/Kg	1	☼	EPA 8270E	Total/NA
Fluoranthene	800		190	34	ug/Kg	1	☼	EPA 8270E	Total/NA
Fluorene	54	J	190	34	ug/Kg	1	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	180	J	190	28	ug/Kg	1	☼	EPA 8270E	Total/NA
Phenanthrene	590		190	35	ug/Kg	1	☼	EPA 8270E	Total/NA
Pyrene	620		190	36	ug/Kg	1	☼	EPA 8270E	Total/NA
4,4'-DDD	1.6	J	3.7	0.71	ug/Kg	1	☼	8081B	Total/NA
4,4'-DDE	5.3		3.7	0.77	ug/Kg	1	☼	8081B	Total/NA
4,4'-DDT	4.5		3.7	0.86	ug/Kg	1	☼	8081B	Total/NA
alpha-BHC	0.86	J	3.7	0.66	ug/Kg	1	☼	8081B	Total/NA
Methoxychlor	1.5	J	3.7	0.75	ug/Kg	1	☼	8081B	Total/NA
Perfluorooctanoic acid (PFOA)	0.085	J	0.19	0.058	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.54		0.19	0.097	ng/g	1	☼	1633A	Total/NA
Aluminum	5510		11.5	9.9	mg/Kg	1	☼	6010D	Total/NA
Arsenic	8.2		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	110		0.57	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.25		0.23	0.046	mg/Kg	1	☼	6010D	Total/NA
Cadmium	1.6		0.23	0.080	mg/Kg	1	☼	6010D	Total/NA
Calcium	123000		286	155	mg/Kg	5	☼	6010D	Total/NA
Chromium	12.0		0.57	0.41	mg/Kg	1	☼	6010D	Total/NA
Cobalt	3.5		0.57	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	17.3		1.1	0.65	mg/Kg	1	☼	6010D	Total/NA
Iron	7770		11.5	9.7	mg/Kg	1	☼	6010D	Total/NA
Lead	1690		1.1	0.53	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4460		22.9	9.7	mg/Kg	1	☼	6010D	Total/NA
Manganese	168		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	9.1		5.7	0.29	mg/Kg	1	☼	6010D	Total/NA
Potassium	1220		34.4	27.8	mg/Kg	1	☼	6010D	Total/NA
Sodium	299		160	70.2	mg/Kg	1	☼	6010D	Total/NA
Vanadium	21.2		0.57	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	240		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	1.3		0.022	0.0050	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.7	J B vs	29	4.9	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.88	J B vs	5.8	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
Aluminum	18000		11.9	10.2	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-4 1-3' (Continued)
Lab Sample ID: 480-240063-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.3		2.4	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	116		0.59	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.91		0.24	0.047	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.28		0.24	0.083	mg/Kg	1	☼	6010D	Total/NA
Calcium	160000		297	160	mg/Kg	5	☼	6010D	Total/NA
Chromium	22.9		0.59	0.43	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.3		0.59	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	19.7		1.2	0.68	mg/Kg	1	☼	6010D	Total/NA
Iron	19600		11.9	10.1	mg/Kg	1	☼	6010D	Total/NA
Lead	67.5		1.2	0.55	mg/Kg	1	☼	6010D	Total/NA
Magnesium	14700		23.7	10.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	433		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Nickel	20.4		5.9	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	4920		35.6	28.8	mg/Kg	1	☼	6010D	Total/NA
Silver	0.46	J ^5-	0.71	0.24	mg/Kg	1	☼	6010D	Total/NA
Sodium	375		166	72.7	mg/Kg	1	☼	6010D	Total/NA
Vanadium	33.7		0.59	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	83.6		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.055		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.5	J B vs	31	5.2	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.83	J B vs	6.2	0.38	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[b]fluoranthene	120	J	600	80	ug/Kg	1	☼	EPA 8270E	Total/NA
Di-n-butyl phthalate	160	J	600	130	ug/Kg	1	☼	EPA 8270E	Total/NA
Fluoranthene	170	J	600	110	ug/Kg	1	☼	EPA 8270E	Total/NA
Phenanthrene	130	J	600	110	ug/Kg	1	☼	EPA 8270E	Total/NA
Pyrene	120	J	600	110	ug/Kg	1	☼	EPA 8270E	Total/NA
4,4'-DDD	2.6	J	4.1	0.79	ug/Kg	1	☼	8081B	Total/NA
4,4'-DDE	1.1	J	4.1	0.85	ug/Kg	1	☼	8081B	Total/NA
4,4'-DDT	2.3	J	4.1	0.95	ug/Kg	1	☼	8081B	Total/NA
Aluminum	4640		12.4	10.7	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.7		2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	54.6		0.62	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.19	J	0.25	0.049	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.19	J	0.25	0.087	mg/Kg	1	☼	6010D	Total/NA
Calcium	44500		61.8	33.4	mg/Kg	1	☼	6010D	Total/NA
Chromium	8.2		0.62	0.45	mg/Kg	1	☼	6010D	Total/NA
Cobalt	2.2		0.62	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	5.6		1.2	0.70	mg/Kg	1	☼	6010D	Total/NA
Iron	8200		12.4	10.5	mg/Kg	1	☼	6010D	Total/NA
Lead	115		1.2	0.57	mg/Kg	1	☼	6010D	Total/NA
Magnesium	18100		24.7	10.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	195		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Nickel	4.3	J	6.2	0.31	mg/Kg	1	☼	6010D	Total/NA
Potassium	1040		37.1	30.0	mg/Kg	1	☼	6010D	Total/NA
Sodium	343		173	75.8	mg/Kg	1	☼	6010D	Total/NA
Vanadium	16.1		0.62	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	96.2		2.5	1.3	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-9 1-3' (Continued)
Lab Sample ID: 480-240063-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.15	F1 F2	0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-10 1-3'
Lab Sample ID: 480-240063-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.0	J B vs	28	4.8	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.74	J B vs	5.7	0.35	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	230	J	990	140	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	220	J	990	170	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	300	J	990	130	ug/Kg	5	☼	EPA 8270E	Total/NA
Chrysene	240	J	990	240	ug/Kg	5	☼	EPA 8270E	Total/NA
Fluoranthene	440	J	990	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	150	J	990	150	ug/Kg	5	☼	EPA 8270E	Total/NA
Phenanthrene	250	J	990	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Pyrene	330	J	990	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Aluminum	20400		11.5	9.9	mg/Kg	1	☼	6010D	Total/NA
Arsenic	4.9		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	126		0.57	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.82		0.23	0.046	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.34		0.23	0.080	mg/Kg	1	☼	6010D	Total/NA
Calcium	31200		57.3	30.9	mg/Kg	1	☼	6010D	Total/NA
Chromium	25.3		0.57	0.41	mg/Kg	1	☼	6010D	Total/NA
Cobalt	11.0		0.57	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	19.9		1.1	0.65	mg/Kg	1	☼	6010D	Total/NA
Iron	23500		11.5	9.7	mg/Kg	1	☼	6010D	Total/NA
Lead	107		1.1	0.53	mg/Kg	1	☼	6010D	Total/NA
Magnesium	13500		22.9	9.7	mg/Kg	1	☼	6010D	Total/NA
Manganese	460		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	22.0		5.7	0.29	mg/Kg	1	☼	6010D	Total/NA
Potassium	4770		34.4	27.8	mg/Kg	1	☼	6010D	Total/NA
Silver	0.47	J ^5-	0.69	0.23	mg/Kg	1	☼	6010D	Total/NA
Sodium	196		160	70.3	mg/Kg	1	☼	6010D	Total/NA
Vanadium	39.8		0.57	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	117		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.40		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.1	J B vs	28	4.8	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.80	J B vs	5.7	0.35	ug/Kg	1	☼	EPA 8260D	Total/NA
Aluminum	21300		11.0	9.5	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.6		2.2	0.97	mg/Kg	1	☼	6010D	Total/NA
Barium	108		0.55	0.15	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.82		0.22	0.044	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.28		0.22	0.077	mg/Kg	1	☼	6010D	Total/NA
Calcium	66400		55.1	29.8	mg/Kg	1	☼	6010D	Total/NA
Chromium	25.6		0.55	0.40	mg/Kg	1	☼	6010D	Total/NA
Cobalt	11.2		0.55	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	15.3		1.1	0.63	mg/Kg	1	☼	6010D	Total/NA
Iron	20900		11.0	9.4	mg/Kg	1	☼	6010D	Total/NA
Lead	8.9		1.1	0.51	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-11 1-3' (Continued) — Lab Sample ID: 480-240063-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	23300		22.1	9.4	mg/Kg	1	☼	6010D	Total/NA
Manganese	445		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Nickel	22.0		5.5	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	6800		33.1	26.7	mg/Kg	1	☼	6010D	Total/NA
Silver	0.41	J ^5-	0.66	0.22	mg/Kg	1	☼	6010D	Total/NA
Sodium	377		154	67.6	mg/Kg	1	☼	6010D	Total/NA
Vanadium	36.4		0.55	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	74.6		2.2	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.018	J	0.023	0.0052	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-1 1-3' — Lab Sample ID: 480-240063-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.90	J B vs	6.9	0.43	ug/Kg	1	☼	EPA 8260D	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.21		0.20	0.098	ng/g	1	☼	1633A	Total/NA
Aluminum	18700		14.4	12.5	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.9		2.9	1.3	mg/Kg	1	☼	6010D	Total/NA
Barium	111		0.72	0.20	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.74		0.29	0.058	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.37		0.29	0.10	mg/Kg	1	☼	6010D	Total/NA
Calcium	81200		72.2	39.0	mg/Kg	1	☼	6010D	Total/NA
Chromium	23.3		0.72	0.52	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.4		0.72	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	16.5		1.4	0.82	mg/Kg	1	☼	6010D	Total/NA
Iron	21200		14.4	12.2	mg/Kg	1	☼	6010D	Total/NA
Lead	7.3		1.4	0.66	mg/Kg	1	☼	6010D	Total/NA
Magnesium	32400		28.9	12.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	427		1.4	0.40	mg/Kg	1	☼	6010D	Total/NA
Nickel	17.5		7.2	0.36	mg/Kg	1	☼	6010D	Total/NA
Potassium	5640		43.3	35.0	mg/Kg	1	☼	6010D	Total/NA
Silver	0.48	J ^5-	0.87	0.29	mg/Kg	1	☼	6010D	Total/NA
Sodium	459		202	88.6	mg/Kg	1	☼	6010D	Total/NA
Vanadium	36.2		0.72	0.19	mg/Kg	1	☼	6010D	Total/NA
Zinc	90.3		2.9	1.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.015	J	0.029	0.0066	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-1 8-10' — Lab Sample ID: 480-240063-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.2	J B vs	28	4.8	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.80	J B vs	5.7	0.35	ug/Kg	1	☼	EPA 8260D	Total/NA
Aluminum	20600		11.9	10.3	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.7		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	149		0.60	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.82		0.24	0.048	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.28		0.24	0.084	mg/Kg	1	☼	6010D	Total/NA
Calcium	63700		59.7	32.2	mg/Kg	1	☼	6010D	Total/NA
Chromium	24.5		0.60	0.43	mg/Kg	1	☼	6010D	Total/NA
Cobalt	11.3		0.60	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	17.5		1.2	0.68	mg/Kg	1	☼	6010D	Total/NA
Iron	21800		11.9	10.1	mg/Kg	1	☼	6010D	Total/NA
Lead	10.0		1.2	0.55	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-1 8-10' (Continued)
Lab Sample ID: 480-240063-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	26500		23.9	10.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	470		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Nickel	20.8		6.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	7090		35.8	28.9	mg/Kg	1	☼	6010D	Total/NA
Silver	0.48	J ^5-	0.72	0.24	mg/Kg	1	☼	6010D	Total/NA
Sodium	541		167	73.2	mg/Kg	1	☼	6010D	Total/NA
Vanadium	38.5		0.60	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	74.7		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.011	J	0.025	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.3	J B vs	30	5.0	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.79	J B vs	5.9	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	34	J	200	28	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	40	J	200	34	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	60	J	200	27	ug/Kg	1	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	35	J	200	35	ug/Kg	1	☼	EPA 8270E	Total/NA
Chrysene	49	J	200	48	ug/Kg	1	☼	EPA 8270E	Total/NA
Fluoranthene	110	J	200	37	ug/Kg	1	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	31	J	200	30	ug/Kg	1	☼	EPA 8270E	Total/NA
Phenanthrene	43	J	200	38	ug/Kg	1	☼	EPA 8270E	Total/NA
Pyrene	86	J	200	38	ug/Kg	1	☼	EPA 8270E	Total/NA
Aluminum	18600		12.0	10.3	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.0		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	124		0.60	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.72		0.24	0.048	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.31		0.24	0.084	mg/Kg	1	☼	6010D	Total/NA
Calcium	79900		59.8	32.3	mg/Kg	1	☼	6010D	Total/NA
Chromium	21.8		0.60	0.43	mg/Kg	1	☼	6010D	Total/NA
Cobalt	10.0		0.60	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	14.7		1.2	0.68	mg/Kg	1	☼	6010D	Total/NA
Iron	19500		12.0	10.1	mg/Kg	1	☼	6010D	Total/NA
Lead	12.0		1.2	0.55	mg/Kg	1	☼	6010D	Total/NA
Magnesium	30600		23.9	10.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	453		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Nickel	18.7		6.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	6230		35.9	29.0	mg/Kg	1	☼	6010D	Total/NA
Silver	0.42	J ^5-	0.72	0.24	mg/Kg	1	☼	6010D	Total/NA
Sodium	424		167	73.3	mg/Kg	1	☼	6010D	Total/NA
Vanadium	32.4		0.60	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	76.7		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.017	J	0.023	0.0054	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-2 8-10
Lab Sample ID: 480-240063-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.0	J B vs	29	4.8	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.72	J B vs	5.7	0.35	ug/Kg	1	☼	EPA 8260D	Total/NA
Aluminum	18000		11.3	9.7	mg/Kg	1	☼	6010D	Total/NA
Arsenic	4.3		2.3	0.99	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: RI-BH-2 8-10 (Continued)
Lab Sample ID: 480-240063-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	116		0.57	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.73		0.23	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.28		0.23	0.079	mg/Kg	1	☼	6010D	Total/NA
Calcium	66900		56.5	30.5	mg/Kg	1	☼	6010D	Total/NA
Chromium	22.0		0.57	0.41	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.9		0.57	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	16.2		1.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Iron	20600		11.3	9.6	mg/Kg	1	☼	6010D	Total/NA
Lead	8.7		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Magnesium	28600		22.6	9.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	481		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	20.5		5.7	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	6030		33.9	27.4	mg/Kg	1	☼	6010D	Total/NA
Silver	0.41	J ^5-	0.68	0.23	mg/Kg	1	☼	6010D	Total/NA
Sodium	408		158	69.3	mg/Kg	1	☼	6010D	Total/NA
Vanadium	34.9		0.57	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	74.2		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.012	J	0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-8 1-3'
Lab Sample ID: 480-240063-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.8	J B vs	26	4.4	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.74	J B vs	5.2	0.32	ug/Kg	1	☼	EPA 8260D	Total/NA
Toluene	0.42	J B vs	5.2	0.39	ug/Kg	1	☼	EPA 8260D	Total/NA
Bis(2-ethylhexyl) phthalate	230	B	180	39	ug/Kg	1	☼	EPA 8270E	Total/NA
Di-n-butyl phthalate	50	J	180	40	ug/Kg	1	☼	EPA 8270E	Total/NA
Di-n-octyl phthalate	98	J	180	34	ug/Kg	1	☼	EPA 8270E	Total/NA
Perfluorooctanoic acid (PFOA)	0.088	J	0.20	0.059	ng/g	1	☼	1633A	Total/NA
Aluminum	5820	F2	10.8	9.3	mg/Kg	1	☼	6010D	Total/NA
Arsenic	22.5		2.2	0.95	mg/Kg	1	☼	6010D	Total/NA
Barium	284	F1	0.54	0.15	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.31		0.22	0.043	mg/Kg	1	☼	6010D	Total/NA
Cadmium	1.6		0.22	0.075	mg/Kg	1	☼	6010D	Total/NA
Calcium	48500		53.8	29.0	mg/Kg	1	☼	6010D	Total/NA
Chromium	18.5		0.54	0.39	mg/Kg	1	☼	6010D	Total/NA
Cobalt	4.6		0.54	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	51.5		1.1	0.61	mg/Kg	1	☼	6010D	Total/NA
Iron	14400	F2	10.8	9.1	mg/Kg	1	☼	6010D	Total/NA
Lead	1940		1.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Magnesium	6230	F1	21.5	9.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	279	F2 F1	1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Nickel	12.2		5.4	0.27	mg/Kg	1	☼	6010D	Total/NA
Potassium	1410	F1	32.3	26.1	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.95	J	4.3	0.86	mg/Kg	1	☼	6010D	Total/NA
Silver	1.1	^5-	0.65	0.22	mg/Kg	1	☼	6010D	Total/NA
Sodium	307		151	65.9	mg/Kg	1	☼	6010D	Total/NA
Vanadium	21.2		0.54	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	802		2.2	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	3.9		0.11	0.025	mg/Kg	5	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.4	J B vs	29	4.9	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.83	J B vs	5.9	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
Aluminum	20900		11.4	9.8	mg/Kg	1	☼	6010D	Total/NA
Arsenic	4.2		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	102		0.57	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.87		0.23	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.25		0.23	0.079	mg/Kg	1	☼	6010D	Total/NA
Calcium	45800		56.8	30.6	mg/Kg	1	☼	6010D	Total/NA
Chromium	26.0		0.57	0.41	mg/Kg	1	☼	6010D	Total/NA
Cobalt	14.8		0.57	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	19.5		1.1	0.65	mg/Kg	1	☼	6010D	Total/NA
Iron	24300		11.4	9.6	mg/Kg	1	☼	6010D	Total/NA
Lead	6.3		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Magnesium	21000		22.7	9.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	401		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	24.8		5.7	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	6680		34.1	27.5	mg/Kg	1	☼	6010D	Total/NA
Silver	0.44	J ^5-	0.68	0.23	mg/Kg	1	☼	6010D	Total/NA
Sodium	460		159	69.6	mg/Kg	1	☼	6010D	Total/NA
Vanadium	40.1		0.57	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	90.1		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.013	J	0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.0	J vs B	30	5.1	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.86	J vs B	6.0	0.37	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	420	J	1000	140	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	390	J	1000	170	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	490	J	1000	140	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	250	J	1000	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Chrysene	460	J	1000	250	ug/Kg	5	☼	EPA 8270E	Total/NA
Fluoranthene	1100		1000	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	240	J	1000	150	ug/Kg	5	☼	EPA 8270E	Total/NA
Phenanthrene	790	J	1000	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Pyrene	760	J	1000	190	ug/Kg	5	☼	EPA 8270E	Total/NA
4,4'-DDD	7.1	J	20	3.9	ug/Kg	5	☼	8081B	Total/NA
Methoxychlor	5.6	J	20	4.1	ug/Kg	5	☼	8081B	Total/NA
Aluminum	15000		13.0	11.2	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.5		2.6	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	76.3		0.65	0.18	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.59		0.26	0.052	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.21	J	0.26	0.091	mg/Kg	1	☼	6010D	Total/NA
Calcium	13300		64.9	35.0	mg/Kg	1	☼	6010D	Total/NA
Chromium	18.7		0.65	0.47	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.8		0.65	0.13	mg/Kg	1	☼	6010D	Total/NA
Copper	14.0		1.3	0.74	mg/Kg	1	☼	6010D	Total/NA
Iron	16700		13.0	11.0	mg/Kg	1	☼	6010D	Total/NA
Lead	78.8		1.3	0.60	mg/Kg	1	☼	6010D	Total/NA
Magnesium	6800		26.0	11.0	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-12 1-3' (Continued)
Lab Sample ID: 480-240063-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	241		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Nickel	17.0		6.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Potassium	3040		38.9	31.5	mg/Kg	1	☼	6010D	Total/NA
Silver	0.37	J ^5-	0.78	0.26	mg/Kg	1	☼	6010D	Total/NA
Sodium	152	J	182	79.6	mg/Kg	1	☼	6010D	Total/NA
Vanadium	30.9		0.65	0.17	mg/Kg	1	☼	6010D	Total/NA
Zinc	108		2.6	1.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.19		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	16	J B F1 vs	29	4.9	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	0.68	J B F1 vs	5.8	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
Aluminum	18300		11.6	10.0	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.9		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	93.3		0.58	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.71		0.23	0.047	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.28		0.23	0.081	mg/Kg	1	☼	6010D	Total/NA
Calcium	63500		58.2	31.4	mg/Kg	1	☼	6010D	Total/NA
Chromium	22.2		0.58	0.42	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.6		0.58	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	17.5		1.2	0.66	mg/Kg	1	☼	6010D	Total/NA
Iron	20100		11.6	9.9	mg/Kg	1	☼	6010D	Total/NA
Lead	7.7		1.2	0.54	mg/Kg	1	☼	6010D	Total/NA
Magnesium	27500		23.3	9.9	mg/Kg	1	☼	6010D	Total/NA
Manganese	450		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Nickel	18.9		5.8	0.29	mg/Kg	1	☼	6010D	Total/NA
Potassium	6390		34.9	28.2	mg/Kg	1	☼	6010D	Total/NA
Silver	0.45	J ^5-	0.70	0.23	mg/Kg	1	☼	6010D	Total/NA
Sodium	425		163	71.3	mg/Kg	1	☼	6010D	Total/NA
Vanadium	35.2		0.58	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	73.7		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.012	J	0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.1	J B vs	5.5	0.34	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	610	J	1900	260	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	680	J	1900	320	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	940	J	1900	250	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	470	J	1900	330	ug/Kg	10	☼	EPA 8270E	Total/NA
Chrysene	680	J	1900	450	ug/Kg	10	☼	EPA 8270E	Total/NA
Fluoranthene	1300	J	1900	340	ug/Kg	10	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	420	J	1900	280	ug/Kg	10	☼	EPA 8270E	Total/NA
Phenanthrene	490	J	1900	350	ug/Kg	10	☼	EPA 8270E	Total/NA
Pyrene	810	J	1900	360	ug/Kg	10	☼	EPA 8270E	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.11	J	0.20	0.098	ng/g	1	☼	1633A	Total/NA
Aluminum	10200		10.6	9.1	mg/Kg	1	☼	6010D	Total/NA
Arsenic	1.8	J	2.1	0.93	mg/Kg	1	☼	6010D	Total/NA
Barium	57.8		0.53	0.15	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-5 1-3' (Continued) — Lab Sample ID: 480-240063-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.41		0.21	0.042	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.24		0.21	0.074	mg/Kg	1	☼	6010D	Total/NA
Calcium	56900		52.9	28.6	mg/Kg	1	☼	6010D	Total/NA
Chromium	12.9		0.53	0.38	mg/Kg	1	☼	6010D	Total/NA
Cobalt	5.5		0.53	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	10.3		1.1	0.60	mg/Kg	1	☼	6010D	Total/NA
Iron	12900		10.6	9.0	mg/Kg	1	☼	6010D	Total/NA
Lead	7.1		1.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Magnesium	25300		21.2	9.0	mg/Kg	1	☼	6010D	Total/NA
Manganese	354		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Nickel	10.7		5.3	0.26	mg/Kg	1	☼	6010D	Total/NA
Potassium	3370		31.7	25.6	mg/Kg	1	☼	6010D	Total/NA
Silver	0.31	J ^5-	0.63	0.21	mg/Kg	1	☼	6010D	Total/NA
Sodium	274		148	64.9	mg/Kg	1	☼	6010D	Total/NA
Vanadium	22.2		0.53	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	55.0		2.1	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.055		0.022	0.0050	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-5 4-6' — Lab Sample ID: 480-240063-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	47	vs	5.7	0.28	ug/Kg	1	☼	EPA 8260D	Total/NA
Carbon tetrachloride	150	vs	5.7	0.55	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	110	B vs	5.7	0.35	ug/Kg	1	☼	EPA 8260D	Total/NA
Aluminum	17900		11.2	9.6	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.0		2.2	0.98	mg/Kg	1	☼	6010D	Total/NA
Barium	96.8		0.56	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.71		0.22	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.28		0.22	0.078	mg/Kg	1	☼	6010D	Total/NA
Calcium	67800		55.9	30.2	mg/Kg	1	☼	6010D	Total/NA
Chromium	21.8		0.56	0.40	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.0		0.56	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	14.9		1.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Iron	19400		11.2	9.5	mg/Kg	1	☼	6010D	Total/NA
Lead	9.6		1.1	0.51	mg/Kg	1	☼	6010D	Total/NA
Magnesium	25300		22.3	9.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	446		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Nickel	17.5		5.6	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	6050		33.5	27.1	mg/Kg	1	☼	6010D	Total/NA
Silver	0.37	J ^5-	0.67	0.22	mg/Kg	1	☼	6010D	Total/NA
Sodium	374		156	68.5	mg/Kg	1	☼	6010D	Total/NA
Vanadium	33.1		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	74.6		2.2	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.011	J	0.022	0.0051	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-6 1-3' — Lab Sample ID: 480-240063-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.2	J *+ vs	29	4.8	ug/Kg	1	☼	EPA 8260D	Total/NA
Carbon tetrachloride	6.5	vs	5.7	0.55	ug/Kg	1	☼	EPA 8260D	Total/NA
Chloroform	3.4	J B vs	5.7	0.35	ug/Kg	1	☼	EPA 8260D	Total/NA
Toluene	0.50	J vs	5.7	0.43	ug/Kg	1	☼	EPA 8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-6 1-3' (Continued) — Lab Sample ID: 480-240063-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	570	J	2000	270	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	650	J	2000	340	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	1000	J	2000	270	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	510	J	2000	350	ug/Kg	10	☼	EPA 8270E	Total/NA
Chrysene	830	J	2000	480	ug/Kg	10	☼	EPA 8270E	Total/NA
Fluoranthene	2700		2000	360	ug/Kg	10	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	530	J	2000	300	ug/Kg	10	☼	EPA 8270E	Total/NA
Phenanthrene	1700	J	2000	370	ug/Kg	10	☼	EPA 8270E	Total/NA
Pyrene	1600	J	2000	380	ug/Kg	10	☼	EPA 8270E	Total/NA
Methoxychlor	9.5	J	19	3.8	ug/Kg	5	☼	8081B	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.13	J	0.19	0.096	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.26		0.19	0.096	ng/g	1	☼	1633A	Total/NA
Aluminum	7410		12.2	10.5	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.7		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	48.0		0.61	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.39		0.24	0.049	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.18	J	0.24	0.085	mg/Kg	1	☼	6010D	Total/NA
Calcium	208000		305	165	mg/Kg	5	☼	6010D	Total/NA
Chromium	17.0		0.61	0.44	mg/Kg	1	☼	6010D	Total/NA
Cobalt	4.4		0.61	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	12.6		1.2	0.70	mg/Kg	1	☼	6010D	Total/NA
Iron	9740		12.2	10.3	mg/Kg	1	☼	6010D	Total/NA
Lead	20.3		1.2	0.56	mg/Kg	1	☼	6010D	Total/NA
Magnesium	12100		24.4	10.3	mg/Kg	1	☼	6010D	Total/NA
Manganese	295		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Nickel	14.1		6.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Potassium	2230		36.6	29.6	mg/Kg	1	☼	6010D	Total/NA
Sodium	282		171	74.8	mg/Kg	1	☼	6010D	Total/NA
Vanadium	22.4		0.61	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	62.3		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.020	J	0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-6 4-6' — Lab Sample ID: 480-240063-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.2	J B vs	5.6	0.35	ug/Kg	1	☼	EPA 8260D	Total/NA
Aluminum	16500		11.2	9.6	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.9		2.2	0.98	mg/Kg	1	☼	6010D	Total/NA
Barium	155		0.56	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.67		0.22	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.22		0.22	0.078	mg/Kg	1	☼	6010D	Total/NA
Calcium	64100		55.8	30.1	mg/Kg	1	☼	6010D	Total/NA
Chromium	20.4		0.56	0.40	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.7		0.56	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	16.2		1.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Iron	19900		11.2	9.5	mg/Kg	1	☼	6010D	Total/NA
Lead	8.6		1.1	0.51	mg/Kg	1	☼	6010D	Total/NA
Magnesium	28500		22.3	9.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	432		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Nickel	18.4		5.6	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	5600		33.5	27.1	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-6 4-6' (Continued) — Lab Sample ID: 480-240063-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.42	J ^5-	0.67	0.22	mg/Kg	1	☼	6010D	Total/NA
Sodium	353		156	68.5	mg/Kg	1	☼	6010D	Total/NA
Vanadium	32.6		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	69.3		2.2	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.010	J	0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-7 1-3' — Lab Sample ID: 480-240063-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.2	J B vs	5.8	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
Anthracene	390	J	1000	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[a]anthracene	1100		1000	140	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	1000		1000	170	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	1300		1000	130	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	570	J	1000	170	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	560	J	1000	220	ug/Kg	5	☼	EPA 8270E	Total/NA
Chrysene	1100		1000	240	ug/Kg	5	☼	EPA 8270E	Total/NA
Dibenz(a,h)anthracene	200	J	1000	200	ug/Kg	5	☼	EPA 8270E	Total/NA
Fluoranthene	2400		1000	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	560	J	1000	150	ug/Kg	5	☼	EPA 8270E	Total/NA
Phenanthrene	1400		1000	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Pyrene	1800		1000	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Methoxychlor	20	J	77	16	ug/Kg	20	☼	8081B	Total/NA
Aluminum	18500		11.9	10.2	mg/Kg	1	☼	6010D	Total/NA
Arsenic	8.6		2.4	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	152		0.59	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.85		0.24	0.047	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.39		0.24	0.083	mg/Kg	1	☼	6010D	Total/NA
Calcium	24100		59.3	32.0	mg/Kg	1	☼	6010D	Total/NA
Chromium	25.2		0.59	0.43	mg/Kg	1	☼	6010D	Total/NA
Cobalt	10.6		0.59	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	53.0		1.2	0.68	mg/Kg	1	☼	6010D	Total/NA
Iron	28200		11.9	10.1	mg/Kg	1	☼	6010D	Total/NA
Lead	273		1.2	0.55	mg/Kg	1	☼	6010D	Total/NA
Magnesium	9990		23.7	10.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	253		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Nickel	22.2		5.9	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	4020		35.6	28.8	mg/Kg	1	☼	6010D	Total/NA
Silver	0.56	J ^5-	0.71	0.24	mg/Kg	1	☼	6010D	Total/NA
Sodium	182		166	72.7	mg/Kg	1	☼	6010D	Total/NA
Vanadium	38.9		0.59	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	220		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.53		0.025	0.0057	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-7 4-6' — Lab Sample ID: 480-240063-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3	J B vs	5.8	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
Acenaphthene	240	J	990	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Acenaphthylene	1400		990	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Anthracene	3600		990	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[a]anthracene	6600		990	140	ug/Kg	5	☼	EPA 8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-7 4-6' (Continued)
Lab Sample ID: 480-240063-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	4700		990	170	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	5300		990	130	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	2000		990	170	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	3100		990	220	ug/Kg	5	☼	EPA 8270E	Total/NA
Carbazole	260	J	990	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Chrysene	6100		990	240	ug/Kg	5	☼	EPA 8270E	Total/NA
Dibenz(a,h)anthracene	740	J	990	200	ug/Kg	5	☼	EPA 8270E	Total/NA
Dibenzofuran	700	J	990	170	ug/Kg	5	☼	EPA 8270E	Total/NA
Fluoranthene	15000		990	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Fluorene	1500		990	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	2200		990	150	ug/Kg	5	☼	EPA 8270E	Total/NA
Naphthalene	160	J	990	160	ug/Kg	5	☼	EPA 8270E	Total/NA
Phenanthrene	13000		990	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Pyrene	11000		990	190	ug/Kg	5	☼	EPA 8270E	Total/NA
4,4'-DDT	22	J	38	8.9	ug/Kg	10	☼	8081B	Total/NA
delta-BHC	7.9	J	38	7.0	ug/Kg	10	☼	8081B	Total/NA
Endrin ketone	14	J	38	9.3	ug/Kg	10	☼	8081B	Total/NA
gamma-BHC (Lindane)	10	J	38	7.0	ug/Kg	10	☼	8081B	Total/NA
Methoxychlor	12	J	38	7.7	ug/Kg	10	☼	8081B	Total/NA
Aluminum	9250		12.0	10.3	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.5		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	46.7		0.60	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.38		0.24	0.048	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.15	J	0.24	0.084	mg/Kg	1	☼	6010D	Total/NA
Calcium	71300		59.8	32.3	mg/Kg	1	☼	6010D	Total/NA
Chromium	12.2		0.60	0.43	mg/Kg	1	☼	6010D	Total/NA
Cobalt	5.7		0.60	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	10.3		1.2	0.68	mg/Kg	1	☼	6010D	Total/NA
Iron	12800		12.0	10.1	mg/Kg	1	☼	6010D	Total/NA
Lead	10.7		1.2	0.55	mg/Kg	1	☼	6010D	Total/NA
Magnesium	35200		23.9	10.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	411		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Nickel	10.2		6.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	3090		35.9	29.0	mg/Kg	1	☼	6010D	Total/NA
Silver	0.32	J ^5-	0.72	0.24	mg/Kg	1	☼	6010D	Total/NA
Sodium	293		167	73.3	mg/Kg	1	☼	6010D	Total/NA
Vanadium	21.7		0.60	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	49.3		2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.0078	J	0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1
Date Collected: 07/01/26 12:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.4

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.6	0.40	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,1,2,2-Tetrachloroethane	ND	vs	5.6	0.90	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.6	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,1,2-Trichloroethane	ND	vs	5.6	0.72	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,1-Dichloroethane	ND	vs	5.6	0.68	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,1-Dichloroethene	ND	vs	5.6	0.68	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,2,4-Trichlorobenzene	ND	vs	5.6	0.34	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.6	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,2-Dichlorobenzene	ND	vs	5.6	0.43	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,2-Dichloroethane	ND	vs	5.6	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,2-Dichloropropane	ND	vs	5.6	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,3-Dichlorobenzene	ND	vs	5.6	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,4-Dichlorobenzene	ND	vs	5.6	0.78	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
2-Butanone (MEK)	ND	vs	28	2.0	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.8	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Acetone	**7.7**	**J B vs**	28	4.7	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Benzene	ND	vs	5.6	0.27	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Bromoform	ND	vs	5.6	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Bromomethane	ND	vs	5.6	0.50	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Carbon disulfide	ND	vs	5.6	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Carbon tetrachloride	ND	vs	5.6	0.54	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Chlorobenzene	ND	vs	5.6	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Dibromochloromethane	ND	vs	5.6	0.71	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Chloroethane	ND	vs	5.6	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Chloroform	**0.84**	**J B vs**	5.6	0.34	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Chloromethane	ND	vs	5.6	0.34	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
cis-1,2-Dichloroethene	ND	vs	5.6	0.71	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Cyclohexane	ND	vs	5.6	0.78	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Bromodichloromethane	ND	vs	5.6	0.74	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Dichlorodifluoromethane	ND	vs	5.6	0.46	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Ethylbenzene	ND	vs	5.6	0.38	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
1,2-Dibromoethane	ND	vs	5.6	0.71	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Isopropylbenzene	ND	vs	5.6	0.84	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Methyl tert-butyl ether	ND	vs	5.6	0.55	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Methylcyclohexane	ND	vs	5.6	0.85	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Methylene Chloride	ND	vs	5.6	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Tetrachloroethene	ND	vs	5.6	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Toluene	**0.56**	**J B vs**	5.6	0.42	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
trans-1,2-Dichloroethene	ND	vs	5.6	0.57	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
trans-1,3-Dichloropropene	ND	vs	5.6	2.4	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Trichloroethene	ND	vs	5.6	1.2	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Trichlorofluoromethane	ND	vs	5.6	0.53	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Vinyl chloride	ND	vs	5.6	0.68	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Xylenes, Total	ND	vs	11	0.93	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
cis-1,3-Dichloropropene	ND	vs	5.6	0.80	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1
Styrene	ND	vs	5.6	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 01:16	1

Client Sample ID: RI-BH-3 1-3'
Date Collected: 07/01/26 12:45
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-1
Matrix: Solid
Percent Solids: 89.4

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	6.4	T J	ug/Kg	☼	12.88	N/A	07/06/26 18:24	07/07/26 01:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		64 - 126	07/06/26 18:24	07/07/26 01:16	1
4-Bromofluorobenzene (Surr)	94		72 - 126	07/06/26 18:24	07/07/26 01:16	1
Toluene-d8 (Surr)	112		71 - 125	07/06/26 18:24	07/07/26 01:16	1
Dibromofluoromethane (Surr)	102		60 - 140	07/06/26 18:24	07/07/26 01:16	1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
bis (2-chloroisopropyl) ether	ND		190	38	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2,4,5-Trichlorophenol	ND		190	38	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2,4,6-Trichlorophenol	ND		190	28	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2,4-Dichlorophenol	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2,4-Dimethylphenol	ND		190	39	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2,4-Dinitrophenol	ND		1800	36	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2,4-Dinitrotoluene	ND		190	25	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2,6-Dinitrotoluene	ND		190	27	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2-Chloronaphthalene	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
1,4-Dioxane	ND		110	41	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2-Chlorophenol	ND		190	29	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2-Methylphenol	ND		190	30	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2-Methylnaphthalene	ND		190	29	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2-Nitroaniline	ND		370	32	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
2-Nitrophenol	ND		190	21	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
3,3'-Dichlorobenzidine	ND		370	55	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
3-Nitroaniline	ND		370	26	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
4,6-Dinitro-2-methylphenol	ND		370	41	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
4-Bromophenyl phenyl ether	ND		190	32	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
4-Chloro-3-methylphenol	ND		190	38	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
4-Chloroaniline	ND		190	27	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
4-Chlorophenyl phenyl ether	ND		190	39	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
4-Methylphenol	ND		370	34	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
4-Nitroaniline	ND		370	27	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
4-Nitrophenol	ND		370	51	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Acenaphthene	**54**	**J**	190	35	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Acenaphthylene	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Acetophenone	ND		190	33	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Anthracene	**140**	**J**	190	35	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Atrazine	ND		190	63	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Benzaldehyde	ND		190	140	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Benzo[a]anthracene	**360**		190	26	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Benzo[a]pyrene	**300**		190	32	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Benzo[b]fluoranthene	**390**		190	25	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Benzo[g,h,i]perylene	**200**		190	33	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Benzo[k]fluoranthene	**170**	**J**	190	42	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Bis(2-chloroethoxy)methane	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Bis(2-chloroethyl)ether	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Bis(2-ethylhexyl) phthalate	ND		190	41	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1
Date Collected: 07/01/26 12:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Caprolactam	ND		190	43	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Carbazole	**71**	**J**	190	37	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Chrysene	**370**		190	45	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Dibenz(a,h)anthracene	**59**	**J**	190	38	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Di-n-butyl phthalate	ND		190	42	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Di-n-octyl phthalate	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Dibenzofuran	ND		190	33	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Diethyl phthalate	ND		190	34	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Dimethyl phthalate	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Fluoranthene	**800**		190	34	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Fluorene	**54**	**J**	190	34	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Hexachlorobenzene	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Hexachlorobutadiene	ND		190	28	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Hexachlorocyclopentadiene	ND		370	82	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Hexachloroethane	ND		190	34	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Indeno[1,2,3-cd]pyrene	**180**	**J**	190	28	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Isophorone	ND		190	38	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
N-Nitrosodi-n-propylamine	ND		190	42	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
N-Nitrosodiphenylamine	ND		190	31	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Naphthalene	ND		190	31	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Nitrobenzene	ND		190	31	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Pentachlorophenol	ND		370	60	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Phenanthrene	**590**		190	35	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Phenol	ND		190	34	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1
Pyrene	**620**		190	36	ug/Kg	☼	07/02/26 13:17	07/06/26 19:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6900*	*T J*	*ug/Kg*	☼	*2.00*	*N/A*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
Unknown	*150*	*T J*	*ug/Kg*	☼	*2.74*	*N/A*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
Unknown	*5500*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
Nonadecane	*200*	*T J N*	*ug/Kg*	☼	*11.33*	*629-92-5*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
Phenanthrene, 1-methyl-	*260*	*T J N*	*ug/Kg*	☼	*11.46*	*832-69-9*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
Anthracene, 2-methyl-	*430*	*T J N*	*ug/Kg*	☼	*11.49*	*613-12-7*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
4H-Cyclopenta[def]phenanthrene	*190*	*T J N*	*ug/Kg*	☼	*11.56*	*203-64-5*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
Eicosane	*210*	*T J N*	*ug/Kg*	☼	*11.71*	*112-95-8*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
Unknown	*180*	*T J*	*ug/Kg*	☼	*11.75*	*N/A*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
Unknown	*200*	*T J*	*ug/Kg*	☼	*12.79*	*N/A*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
1-Hexadecanol, 2-methyl-	*170*	*T J N*	*ug/Kg*	☼	*13.26*	*2490-48-4*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
Cyclotetracosane	*250*	*T J N*	*ug/Kg*	☼	*13.80*	*297-03-0*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
Perylene	*250*	*T J N*	*ug/Kg*	☼	*14.44*	*198-55-0*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
Unknown	*200*	*T J*	*ug/Kg*	☼	*14.95*	*N/A*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
.gamma.-Sitosterol	*190*	*T J N*	*ug/Kg*	☼	*15.80*	*83-47-6*	*07/02/26 13:17*	*07/06/26 19:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*82*		*22 - 120*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
Phenol-d5 (Surr)	*84*		*23 - 120*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
p-Terphenyl-d14 (Surr)	*88*		*28 - 124*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 140*	*07/02/26 13:17*	*07/06/26 19:58*	*1*
2-Fluorobiphenyl (Surr)	*81*		*29 - 120*	*07/02/26 13:17*	*07/06/26 19:58*	*1*

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1
Date Collected: 07/01/26 12:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	80		18 - 120	07/02/26 13:17	07/06/26 19:58	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**1.6**	**J**	3.7	0.71	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
4,4'-DDE	**5.3**		3.7	0.77	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
4,4'-DDT	**4.5**		3.7	0.86	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
beta-BHC	ND		3.7	0.66	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
cis-Chlordane	ND		3.7	1.8	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
alpha-BHC	**0.86**	**J**	3.7	0.66	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
Aldrin	ND		3.7	0.90	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
delta-BHC	ND		3.7	0.68	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
Dieldrin	ND		3.7	0.88	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
Endosulfan I	ND		3.7	0.70	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
Endosulfan II	ND		3.7	0.66	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
Endosulfan sulfate	ND		3.7	0.68	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
Endrin	ND		3.7	0.73	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
Endrin aldehyde	ND		3.7	0.94	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
Endrin ketone	ND		3.7	0.90	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
gamma-BHC (Lindane)	ND		3.7	0.67	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
trans-Chlordane	ND		3.7	1.2	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
Heptachlor	ND		3.7	0.79	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
Heptachlor epoxide	ND		3.7	0.95	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
Methoxychlor	**1.5**	**J**	3.7	0.75	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1
Toxaphene	ND		37	21	ug/Kg	☼	07/06/26 06:47	07/07/26 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		45 - 120	07/06/26 06:47	07/07/26 16:03	1
DCB Decachlorobiphenyl	90		45 - 120	07/06/26 06:47	07/07/26 16:03	1
Tetrachloro-m-xylene	64		30 - 124	07/06/26 06:47	07/07/26 16:03	1
Tetrachloro-m-xylene	54		30 - 124	07/06/26 06:47	07/07/26 16:03	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.050	mg/Kg	☼	07/06/26 07:04	07/06/26 13:35	1
PCB-1221	ND		0.26	0.050	mg/Kg	☼	07/06/26 07:04	07/06/26 13:35	1
PCB-1232	ND		0.26	0.050	mg/Kg	☼	07/06/26 07:04	07/06/26 13:35	1
PCB-1242	ND		0.26	0.050	mg/Kg	☼	07/06/26 07:04	07/06/26 13:35	1
PCB-1248	ND		0.26	0.050	mg/Kg	☼	07/06/26 07:04	07/06/26 13:35	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	07/06/26 07:04	07/06/26 13:35	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	07/06/26 07:04	07/06/26 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		60 - 154	07/06/26 07:04	07/06/26 13:35	1
Tetrachloro-m-xylene	98		60 - 154	07/06/26 07:04	07/06/26 13:35	1
DCB Decachlorobiphenyl	86		65 - 174	07/06/26 07:04	07/06/26 13:35	1
DCB Decachlorobiphenyl	78		65 - 174	07/06/26 07:04	07/06/26 13:35	1

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1
Date Collected: 07/01/26 12:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorooctanoic acid (PFOA)	**0.085**	**J**	0.19	0.058	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorooctanesulfonic acid (PFOS)	**0.54**		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1
Date Collected: 07/01/26 12:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/09/26 14:19	07/11/26 12:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.8*		*8 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C5 PFPeA	*96.1*		*35 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C5 PFHxA	*95.8*		*40 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C4 PFHpA	*94.6*		*40 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C8 PFOA	*82.6*		*40 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C9 PFNA	*83.8*		*40 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C6 PFDA	*73.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C7 PFUnA	*63.3*		*40 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C2 PFTeDA	*44.0*		*20 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C3 PFBS	*84.3*		*40 - 135*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C3 PFHxS	*82.1*		*40 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C8 PFOS	*72.4*		*40 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C8 FOSA	*73.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
d3-NMeFOSAA	*79.9*		*40 - 135*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
d5-NEtFOSAA	*79.0*		*40 - 150*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C2 4:2 FTS	*181*	**5+*	*40 - 165*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C2 6:2 FTS	*176*		*40 - 215*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C2 8:2 FTS	*197*		*40 - 275*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C3 HFPO-DA	*94.1*		*40 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
d7-N-MeFOSE-M	*38.8*		*20 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
d9-N-EtFOSE-M	*30.9*		*15 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
d5-NEtPFOSA	*48.3*		*10 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
d3-NMePFOSA	*57.4*		*10 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C2 PFDoA	*56.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C3-PFDoS	*52.9*		*20 - 150*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C3-3:3 FTCA	*95.0*		*20 - 150*	*07/09/26 14:19*	*07/11/26 12:48*	*1*
13C3-5:3 FTCA	*93.1*		*20 - 150*	*07/09/26 14:19*	*07/11/26 12:48*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5510**		11.5	9.9	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Antimony	ND		17.2	0.61	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Arsenic	**8.2**		2.3	1.0	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Barium	**110**		0.57	0.16	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Beryllium	**0.25**		0.23	0.046	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Cadmium	**1.6**		0.23	0.080	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Calcium	**123000**		286	155	mg/Kg	☼	07/02/26 16:16	07/07/26 11:51	5
Chromium	**12.0**		0.57	0.41	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Cobalt	**3.5**		0.57	0.11	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Copper	**17.3**		1.1	0.65	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1
Date Collected: 07/01/26 12:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**7770**		11.5	9.7	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Lead	**1690**		1.1	0.53	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Magnesium	**4460**		22.9	9.7	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Manganese	**168**		1.1	0.32	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Nickel	**9.1**		5.7	0.29	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Potassium	**1220**		34.4	27.8	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Selenium	ND		4.6	0.92	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Silver	ND	^5-	0.69	0.23	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Sodium	**299**		160	70.2	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Thallium	ND		6.9	0.87	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Vanadium	**21.2**		0.57	0.15	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1
Zinc	**240**		2.3	1.2	mg/Kg	☼	07/02/26 16:16	07/06/26 16:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.3**		0.022	0.0050	mg/Kg	☼	07/08/26 11:56	07/08/26 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.98	0.48	mg/Kg	☼	07/07/26 13:40	07/07/26 16:35	1

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2
Date Collected: 07/01/26 12:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.8	0.42	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.94	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,1,2-Trichloroethane	ND	vs	5.8	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,1-Dichloroethane	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,1-Dichloroethene	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,2-Dichlorobenzene	ND	vs	5.8	0.45	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,2-Dichloroethane	ND	vs	5.8	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,2-Dichloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,3-Dichlorobenzene	ND	vs	5.8	0.30	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,4-Dichlorobenzene	ND	vs	5.8	0.81	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Acetone	**7.7**	**J B vs**	29	4.9	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Benzene	ND	vs	5.8	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Bromoform	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Bromomethane	ND	vs	5.8	0.52	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Carbon disulfide	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Carbon tetrachloride	ND	vs	5.8	0.56	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Chlorobenzene	ND	vs	5.8	0.77	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2
Date Collected: 07/01/26 12:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND	vs	5.8	0.74	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Chloroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Chloroform	**0.88**	**J B vs**	5.8	0.36	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Chloromethane	ND	vs	5.8	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
cis-1,2-Dichloroethene	ND	vs	5.8	0.74	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Cyclohexane	ND	vs	5.8	0.81	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Bromodichloromethane	ND	vs	5.8	0.78	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Dichlorodifluoromethane	ND	vs	5.8	0.48	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Ethylbenzene	ND	vs	5.8	0.40	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
1,2-Dibromoethane	ND	vs	5.8	0.74	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Isopropylbenzene	ND	vs	5.8	0.87	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Methyl tert-butyl ether	ND	vs	5.8	0.57	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Methylcyclohexane	ND	vs	5.8	0.88	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Methylene Chloride	ND	vs	5.8	2.7	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Tetrachloroethene	ND	vs	5.8	0.78	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Toluene	ND	vs	5.8	0.44	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
trans-1,2-Dichloroethene	ND	vs	5.8	0.60	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
trans-1,3-Dichloropropene	ND	vs	5.8	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Trichloroethene	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Trichlorofluoromethane	ND	vs	5.8	0.55	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Vinyl chloride	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Xylenes, Total	ND	vs	12	0.97	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
cis-1,3-Dichloropropene	ND	vs	5.8	0.84	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1
Styrene	ND	vs	5.8	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 01:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:24*	*07/07/26 01:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*07/06/26 18:24*	*07/07/26 01:39*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*	*07/06/26 18:24*	*07/07/26 01:39*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*07/06/26 18:24*	*07/07/26 01:39*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*07/06/26 18:24*	*07/07/26 01:39*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
2,4,5-Trichlorophenol	ND		200	39	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
2,4,6-Trichlorophenol	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
2,4-Dichlorophenol	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
2,4-Dimethylphenol	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
2,4-Dinitrotoluene	ND		200	26	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
2,6-Dinitrotoluene	ND		200	28	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
2-Chloronaphthalene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
1,4-Dioxane	ND		110	43	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
2-Chlorophenol	ND		200	30	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
2-Methylphenol	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2
Date Collected: 07/01/26 12:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
2-Nitrophenol	ND		200	22	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
3,3'-Dichlorobenzidine	ND		380	57	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
3-Nitroaniline	ND		380	27	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
4-Bromophenyl phenyl ether	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
4-Chloro-3-methylphenol	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
4-Chloroaniline	ND		200	28	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
4-Chlorophenyl phenyl ether	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
4-Methylphenol	ND		380	35	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
4-Nitroaniline	ND		380	28	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
4-Nitrophenol	ND		380	53	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Acenaphthene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Acenaphthylene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Acetophenone	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Anthracene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Atrazine	ND		200	66	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Benzo[a]anthracene	ND		200	27	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Benzo[a]pyrene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Benzo[b]fluoranthene	ND		200	26	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Benzo[g,h,i]perylene	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Benzo[k]fluoranthene	ND		200	43	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Bis(2-chloroethoxy)methane	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Bis(2-chloroethyl)ether	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Bis(2-ethylhexyl) phthalate	ND		200	42	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Butyl benzyl phthalate	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Caprolactam	ND		200	45	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Carbazole	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Chrysene	ND		200	47	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Dibenz(a,h)anthracene	ND		200	39	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Di-n-butyl phthalate	ND		200	43	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Di-n-octyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Dibenzofuran	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Diethyl phthalate	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Dimethyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Fluoranthene	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Fluorene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Hexachlorobenzene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Hexachlorocyclopentadiene	ND		380	85	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Hexachloroethane	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Indeno[1,2,3-cd]pyrene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Isophorone	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
N-Nitrosodi-n-propylamine	ND		200	43	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
N-Nitrosodiphenylamine	ND		200	32	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Naphthalene	ND		200	32	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Nitrobenzene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1

Client Sample ID: RI-BH-4 1-3'
Date Collected: 07/01/26 12:15
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-2
Matrix: Solid
Percent Solids: 86.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		380	62	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Phenanthrene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Phenol	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1
Pyrene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/06/26 20:22	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5500*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/06/26 20:22*	*1*
n-Hexadecanoic acid	*190*	*T J N*	*ug/Kg*	☼	*11.55*	*57-10-3*	*07/02/26 13:17*	*07/06/26 20:22*	*1*
Nonadecane, 1-chloro-	*240*	*T J N*	*ug/Kg*	☼	*13.26*	*62016-76-6*	*07/02/26 13:17*	*07/06/26 20:22*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*94*		*22 - 120*	*07/02/26 13:17*	*07/06/26 20:22*	*1*
Phenol-d5 (Surr)	*90*		*23 - 120*	*07/02/26 13:17*	*07/06/26 20:22*	*1*
p-Terphenyl-d14 (Surr)	*102*		*28 - 124*	*07/02/26 13:17*	*07/06/26 20:22*	*1*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 140*	*07/02/26 13:17*	*07/06/26 20:22*	*1*
2-Fluorobiphenyl (Surr)	*96*		*29 - 120*	*07/02/26 13:17*	*07/06/26 20:22*	*1*
2-Fluorophenol (Surr)	*88*		*18 - 120*	*07/02/26 13:17*	*07/06/26 20:22*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	F2	3.8	0.74	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
4,4'-DDE	ND	F2	3.8	0.80	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
4,4'-DDT	ND	F2	3.8	0.90	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
beta-BHC	ND	F2	3.8	0.69	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
cis-Chlordane	ND		3.8	1.9	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
alpha-BHC	ND	F2	3.8	0.69	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
Aldrin	ND	F2	3.8	0.94	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
delta-BHC	ND	F2	3.8	0.71	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
Dieldrin	ND	F2	3.8	0.92	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
Endosulfan I	ND	F2	3.8	0.74	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
Endosulfan II	ND	F1 F2	3.8	0.69	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
Endosulfan sulfate	ND	F2	3.8	0.71	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
Endrin	ND		3.8	0.76	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
Endrin aldehyde	ND	F1 F2	3.8	0.98	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
Endrin ketone	ND	F1 F2	3.8	0.94	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
gamma-BHC (Lindane)	ND	F1 F2	3.8	0.70	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
trans-Chlordane	ND	F2	3.8	1.2	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
Heptachlor	ND		3.8	0.83	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
Heptachlor epoxide	ND		3.8	0.99	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
Methoxychlor	ND	F1 F2	3.8	0.78	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1
Toxaphene	ND		38	22	ug/Kg	☼	07/06/26 06:47	07/07/26 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*45 - 120*	*07/06/26 06:47*	*07/07/26 15:44*	*1*
DCB Decachlorobiphenyl	*76*		*45 - 120*	*07/06/26 06:47*	*07/07/26 15:44*	*1*
Tetrachloro-m-xylene	*88*		*30 - 124*	*07/06/26 06:47*	*07/07/26 15:44*	*1*
Tetrachloro-m-xylene	*84*		*30 - 124*	*07/06/26 06:47*	*07/07/26 15:44*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.052	mg/Kg	☼	07/06/26 07:04	07/06/26 13:16	1

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2
Date Collected: 07/01/26 12:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.0

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		0.26	0.052	mg/Kg	☼	07/06/26 07:04	07/06/26 13:16	1
PCB-1232	ND		0.26	0.052	mg/Kg	☼	07/06/26 07:04	07/06/26 13:16	1
PCB-1242	ND		0.26	0.052	mg/Kg	☼	07/06/26 07:04	07/06/26 13:16	1
PCB-1248	ND		0.26	0.052	mg/Kg	☼	07/06/26 07:04	07/06/26 13:16	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	07/06/26 07:04	07/06/26 13:16	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	07/06/26 07:04	07/06/26 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*60 - 154*	*07/06/26 07:04*	*07/06/26 13:16*	*1*
Tetrachloro-m-xylene	*99*		*60 - 154*	*07/06/26 07:04*	*07/06/26 13:16*	*1*
DCB Decachlorobiphenyl	*89*		*65 - 174*	*07/06/26 07:04*	*07/06/26 13:16*	*1*
DCB Decachlorobiphenyl	*81*		*65 - 174*	*07/06/26 07:04*	*07/06/26 13:16*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2
Date Collected: 07/01/26 12:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*89.6*		*8 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C5 PFPeA	*103*		*35 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C5 PFHxA	*99.9*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C4 PFHpA	*99.4*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C8 PFOA	*80.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C9 PFNA	*89.1*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C6 PFDA	*75.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C7 PFUnA	*74.1*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C2 PFTeDA	*52.1*		*20 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C3 PFBS	*78.7*		*40 - 135*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C3 PFHxS	*78.8*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C8 PFOS	*75.1*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C8 FOSA	*66.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
d3-NMeFOSAA	*57.1*		*40 - 135*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
d5-NEtFOSAA	*58.5*		*40 - 150*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C2 4:2 FTS	*74.7*		*40 - 165*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C2 6:2 FTS	*71.1*		*40 - 215*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C2 8:2 FTS	*202*		*40 - 275*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C3 HFPO-DA	*86.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
d7-N-MeFOSE-M	*39.4*		*20 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
d9-N-EtFOSE-M	*38.5*		*15 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
d5-NEtPFOSA	*50.2*		*10 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
d3-NMePFOSA	*58.8*		*10 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C2 PFDoA	*69.7*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C3-PFDoS	*57.8*		*20 - 150*	*07/09/26 14:19*	*07/11/26 13:01*	*1*

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2
Date Collected: 07/01/26 12:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3-3:3 FTCA	*97.3*		*20 - 150*	*07/09/26 14:19*	*07/11/26 13:01*	*1*
13C3-5:3 FTCA	*93.1*		*20 - 150*	*07/09/26 14:19*	*07/11/26 13:01*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18000**		11.9	10.2	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Antimony	ND		17.8	0.63	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Arsenic	**5.3**		2.4	1.0	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Barium	**116**		0.59	0.17	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Beryllium	**0.91**		0.24	0.047	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Cadmium	**0.28**		0.24	0.083	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Calcium	**160000**		297	160	mg/Kg	☼	07/02/26 16:16	07/07/26 11:53	5
Chromium	**22.9**		0.59	0.43	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Cobalt	**9.3**		0.59	0.12	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Copper	**19.7**		1.2	0.68	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Iron	**19600**		11.9	10.1	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Lead	**67.5**		1.2	0.55	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Magnesium	**14700**		23.7	10.1	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Manganese	**433**		1.2	0.33	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Nickel	**20.4**		5.9	0.30	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Potassium	**4920**		35.6	28.8	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Selenium	ND		4.7	0.95	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Silver	**0.46**	**J ^5-**	0.71	0.24	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Sodium	**375**		166	72.7	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Thallium	ND		7.1	0.90	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Vanadium	**33.7**		0.59	0.15	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1
Zinc	**83.6**		2.4	1.2	mg/Kg	☼	07/02/26 16:16	07/06/26 16:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.055**		0.024	0.0055	mg/Kg	☼	07/08/26 11:56	07/08/26 14:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.54	mg/Kg	☼	07/07/26 13:40	07/07/26 16:36	1

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3
Date Collected: 07/01/26 11:30
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 80.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.2	0.45	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
1,1,2,2-Tetrachloroethane	ND	vs	6.2	1.0	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.2	1.4	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
1,1,2-Trichloroethane	ND	vs	6.2	0.80	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
1,1-Dichloroethane	ND	vs	6.2	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
1,1-Dichloroethene	ND	vs	6.2	0.76	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
1,2,4-Trichlorobenzene	ND	vs	6.2	0.38	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.2	3.1	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
1,2-Dichlorobenzene	ND	vs	6.2	0.48	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3
Date Collected: 07/01/26 11:30
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 80.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND	vs	6.2	0.31	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
1,2-Dichloropropane	ND	vs	6.2	3.1	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
1,3-Dichlorobenzene	ND	vs	6.2	0.32	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
1,4-Dichlorobenzene	ND	vs	6.2	0.86	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
2-Butanone (MEK)	ND	vs	31	2.3	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
2-Hexanone	ND	vs	31	3.1	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Acetone	**8.5**	**J B vs**	31	5.2	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Benzene	ND	vs	6.2	0.30	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Bromoform	ND	vs	6.2	3.1	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Bromomethane	ND	vs	6.2	0.56	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Carbon disulfide	ND	vs	6.2	3.1	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Carbon tetrachloride	ND	vs	6.2	0.60	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Chlorobenzene	ND	vs	6.2	0.82	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Dibromochloromethane	ND	vs	6.2	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Chloroethane	ND	vs	6.2	1.4	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Chloroform	**0.83**	**J B vs**	6.2	0.38	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Chloromethane	ND	vs	6.2	0.37	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
cis-1,2-Dichloroethene	ND	vs	6.2	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Cyclohexane	ND	vs	6.2	0.86	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Bromodichloromethane	ND	vs	6.2	0.83	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Dichlorodifluoromethane	ND	vs	6.2	0.51	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Ethylbenzene	ND	vs	6.2	0.43	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
1,2-Dibromoethane	ND	vs	6.2	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Isopropylbenzene	ND	vs	6.2	0.93	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Methyl acetate	ND	vs	31	3.7	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Methyl tert-butyl ether	ND	vs	6.2	0.61	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Methylcyclohexane	ND	vs	6.2	0.94	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Methylene Chloride	ND	vs	6.2	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Tetrachloroethene	ND	vs	6.2	0.83	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Toluene	ND	vs	6.2	0.47	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
trans-1,2-Dichloroethene	ND	vs	6.2	0.64	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
trans-1,3-Dichloropropene	ND	vs	6.2	2.7	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Trichloroethene	ND	vs	6.2	1.4	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Trichlorofluoromethane	ND	vs	6.2	0.58	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Vinyl chloride	ND	vs	6.2	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
cis-1,3-Dichloropropene	ND	vs	6.2	0.89	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1
Styrene	ND	vs	6.2	0.31	ug/Kg	☼	07/06/26 18:24	07/07/26 02:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6.6*	*T J*	*ug/Kg*	☼	*11.39*	*N/A*	*07/06/26 18:24*	*07/07/26 02:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*07/06/26 18:24*	*07/07/26 02:01*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*	*07/06/26 18:24*	*07/07/26 02:01*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*07/06/26 18:24*	*07/07/26 02:01*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*07/06/26 18:24*	*07/07/26 02:01*	*1*

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3
Date Collected: 07/01/26 11:30
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 80.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
bis (2-chloroisopropyl) ether	ND		600	120	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2,4,5-Trichlorophenol	ND		600	120	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2,4,6-Trichlorophenol	ND		600	90	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2,4-Dichlorophenol	ND		600	120	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2,4-Dimethylphenol	ND		600	120	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2,4-Dinitrophenol	ND		5800	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2,4-Dinitrotoluene	ND		600	81	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2,6-Dinitrotoluene	ND		600	85	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2-Chloronaphthalene	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
1,4-Dioxane	ND		350	130	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2-Chlorophenol	ND		600	93	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2-Methylphenol	ND		600	96	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2-Methylnaphthalene	ND		600	93	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2-Nitroaniline	ND		1200	100	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
2-Nitrophenol	ND		600	67	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
3,3'-Dichlorobenzidine	ND		1200	170	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
3-Nitroaniline	ND		1200	84	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
4,6-Dinitro-2-methylphenol	ND		1200	130	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
4-Bromophenyl phenyl ether	ND		600	100	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
4-Chloro-3-methylphenol	ND		600	120	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
4-Chloroaniline	ND		600	85	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
4-Chlorophenyl phenyl ether	ND		600	120	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
4-Methylphenol	ND		1200	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
4-Nitroaniline	ND		1200	87	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
4-Nitrophenol	ND		1200	160	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Acenaphthene	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Acenaphthylene	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Acetophenone	ND		600	100	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Anthracene	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Atrazine	ND		600	200	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Benzaldehyde	ND		600	450	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Benzo[a]anthracene	ND		600	82	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Benzo[a]pyrene	ND		600	100	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Benzo[b]fluoranthene	**120**	**J**	600	80	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Benzo[g,h,i]perylene	ND		600	100	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Benzo[k]fluoranthene	ND		600	130	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Bis(2-chloroethoxy)methane	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Bis(2-chloroethyl)ether	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Bis(2-ethylhexyl) phthalate	ND		600	130	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Butyl benzyl phthalate	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Caprolactam	ND		600	140	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Carbazole	ND		600	120	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Chrysene	ND		600	140	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Dibenz(a,h)anthracene	ND		600	120	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Di-n-butyl phthalate	**160**	**J**	600	130	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Di-n-octyl phthalate	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Dibenzofuran	ND		600	100	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Diethyl phthalate	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3
Date Collected: 07/01/26 11:30
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 80.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Fluoranthene	**170**	**J**	600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Fluorene	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Hexachlorobenzene	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Hexachlorobutadiene	ND		600	89	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Hexachlorocyclopentadiene	ND		1200	260	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Hexachloroethane	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Indeno[1,2,3-cd]pyrene	ND		600	88	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Isophorone	ND		600	120	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
N-Nitrosodi-n-propylamine	ND		600	130	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
N-Nitrosodiphenylamine	ND		600	99	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Naphthalene	ND		600	98	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Nitrobenzene	ND		600	100	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Pentachlorophenol	ND		1200	190	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Phenanthrene	**130**	**J**	600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Phenol	ND		600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1
Pyrene	**120**	**J**	600	110	ug/Kg	☼	07/02/26 13:17	07/06/26 20:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*17000*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/06/26 20:46*	*1*
Unknown	*500*	*T J*	*ug/Kg*	☼	*12.02*	*N/A*	*07/02/26 13:17*	*07/06/26 20:46*	*1*
Cyclic octaatomic sulfur	*870*	*T J N*	*ug/Kg*	☼	*12.16*	*10544-50-0*	*07/02/26 13:17*	*07/06/26 20:46*	*1*
Unknown	*660*	*T J*	*ug/Kg*	☼	*12.79*	*N/A*	*07/02/26 13:17*	*07/06/26 20:46*	*1*
Octadecane	*530*	*T J N*	*ug/Kg*	☼	*13.26*	*593-45-3*	*07/02/26 13:17*	*07/06/26 20:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*90*		*22 - 120*	*07/02/26 13:17*	*07/06/26 20:46*	*1*
Phenol-d5 (Surr)	*91*		*23 - 120*	*07/02/26 13:17*	*07/06/26 20:46*	*1*
p-Terphenyl-d14 (Surr)	*99*		*28 - 124*	*07/02/26 13:17*	*07/06/26 20:46*	*1*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 140*	*07/02/26 13:17*	*07/06/26 20:46*	*1*
2-Fluorobiphenyl (Surr)	*91*		*29 - 120*	*07/02/26 13:17*	*07/06/26 20:46*	*1*
2-Fluorophenol (Surr)	*87*		*18 - 120*	*07/02/26 13:17*	*07/06/26 20:46*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**2.6**	**J**	4.1	0.79	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
4,4'-DDE	**1.1**	**J**	4.1	0.85	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
4,4'-DDT	**2.3**	**J**	4.1	0.95	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
beta-BHC	ND		4.1	0.73	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
cis-Chlordane	ND		4.1	2.0	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
alpha-BHC	ND		4.1	0.73	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
Aldrin	ND		4.1	1.0	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
delta-BHC	ND		4.1	0.76	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
Dieldrin	ND		4.1	0.97	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
Endosulfan I	ND		4.1	0.78	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
Endosulfan II	ND		4.1	0.73	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
Endosulfan sulfate	ND		4.1	0.76	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
Endrin	ND		4.1	0.80	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
Endrin aldehyde	ND		4.1	1.0	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
Endrin ketone	ND		4.1	1.0	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3
Date Collected: 07/01/26 11:30
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 80.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		4.1	0.75	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
trans-Chlordane	ND		4.1	1.3	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
Heptachlor	ND		4.1	0.88	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
Heptachlor epoxide	ND		4.1	1.0	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
Methoxychlor	ND		4.1	0.83	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1
Toxaphene	ND		41	24	ug/Kg	☼	07/06/26 06:47	07/07/26 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*45 - 120*	*07/06/26 06:47*	*07/07/26 16:23*	*1*
DCB Decachlorobiphenyl	*61*		*45 - 120*	*07/06/26 06:47*	*07/07/26 16:23*	*1*
Tetrachloro-m-xylene	*62*		*30 - 124*	*07/06/26 06:47*	*07/07/26 16:23*	*1*
Tetrachloro-m-xylene	*48*		*30 - 124*	*07/06/26 06:47*	*07/07/26 16:23*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.29	0.056	mg/Kg	☼	07/06/26 07:04	07/06/26 13:53	1
PCB-1221	ND		0.29	0.056	mg/Kg	☼	07/06/26 07:04	07/06/26 13:53	1
PCB-1232	ND		0.29	0.056	mg/Kg	☼	07/06/26 07:04	07/06/26 13:53	1
PCB-1242	ND		0.29	0.056	mg/Kg	☼	07/06/26 07:04	07/06/26 13:53	1
PCB-1248	ND		0.29	0.056	mg/Kg	☼	07/06/26 07:04	07/06/26 13:53	1
PCB-1254	ND		0.29	0.13	mg/Kg	☼	07/06/26 07:04	07/06/26 13:53	1
PCB-1260	ND		0.29	0.13	mg/Kg	☼	07/06/26 07:04	07/06/26 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*60 - 154*	*07/06/26 07:04*	*07/06/26 13:53*	*1*
Tetrachloro-m-xylene	*100*		*60 - 154*	*07/06/26 07:04*	*07/06/26 13:53*	*1*
DCB Decachlorobiphenyl	*84*		*65 - 174*	*07/06/26 07:04*	*07/06/26 13:53*	*1*
DCB Decachlorobiphenyl	*78*		*65 - 174*	*07/06/26 07:04*	*07/06/26 13:53*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3
Date Collected: 07/01/26 11:30
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 80.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/09/26 14:19	07/11/26 13:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*94.0*		*8 - 130*	*07/09/26 14:19*	*07/11/26 13:15*	*1*
13C5 PFPeA	*103*		*35 - 130*	*07/09/26 14:19*	*07/11/26 13:15*	*1*
13C5 PFHxA	*109*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:15*	*1*
13C4 PFHpA	*107*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:15*	*1*
13C8 PFOA	*97.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:15*	*1*
13C9 PFNA	*101*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:15*	*1*
13C6 PFDA	*86.0*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:15*	*1*
13C7 PFUnA	*84.7*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:15*	*1*
13C2 PFTeDA	*55.0*		*20 - 130*	*07/09/26 14:19*	*07/11/26 13:15*	*1*
13C3 PFBS	*92.0*		*40 - 135*	*07/09/26 14:19*	*07/11/26 13:15*	*1*

Client Sample ID: RI-BH-9 1-3'
Date Collected: 07/01/26 11:30
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-3
Matrix: Solid
Percent Solids: 80.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFHxS	89.3		40 - 130	07/09/26 14:19	07/11/26 13:15	1
13C8 PFOS	86.8		40 - 130	07/09/26 14:19	07/11/26 13:15	1
13C8 FOSA	84.3		40 - 130	07/09/26 14:19	07/11/26 13:15	1
d3-NMeFOSAA	71.8		40 - 135	07/09/26 14:19	07/11/26 13:15	1
d5-NEtFOSAA	71.8		40 - 150	07/09/26 14:19	07/11/26 13:15	1
13C2 4:2 FTS	84.8		40 - 165	07/09/26 14:19	07/11/26 13:15	1
13C2 6:2 FTS	86.1		40 - 215	07/09/26 14:19	07/11/26 13:15	1
13C2 8:2 FTS	272		40 - 275	07/09/26 14:19	07/11/26 13:15	1
13C3 HFPO-DA	87.5		40 - 130	07/09/26 14:19	07/11/26 13:15	1
d7-N-MeFOSE-M	42.9		20 - 130	07/09/26 14:19	07/11/26 13:15	1
d9-N-EtFOSE-M	42.0		15 - 130	07/09/26 14:19	07/11/26 13:15	1
d5-NEtPFOSA	53.5		10 - 130	07/09/26 14:19	07/11/26 13:15	1
d3-NMePFOSA	66.1		10 - 130	07/09/26 14:19	07/11/26 13:15	1
13C2 PFDoA	78.1		40 - 130	07/09/26 14:19	07/11/26 13:15	1
13C3-PFDoS	59.2		20 - 150	07/09/26 14:19	07/11/26 13:15	1
13C3-3:3 FTCA	102		20 - 150	07/09/26 14:19	07/11/26 13:15	1
13C3-5:3 FTCA	88.8		20 - 150	07/09/26 14:19	07/11/26 13:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4640**		12.4	10.7	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Antimony	ND		18.5	0.66	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Arsenic	**2.7**		2.5	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Barium	**54.6**		0.62	0.17	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Beryllium	**0.19**	**J**	0.25	0.049	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Cadmium	**0.19**	**J**	0.25	0.087	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Calcium	**44500**		61.8	33.4	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Chromium	**8.2**		0.62	0.45	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Cobalt	**2.2**		0.62	0.12	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Copper	**5.6**		1.2	0.70	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Iron	**8200**		12.4	10.5	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Lead	**115**		1.2	0.57	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Magnesium	**18100**		24.7	10.5	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Manganese	**195**		1.2	0.35	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Nickel	**4.3**	**J**	6.2	0.31	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Potassium	**1040**		37.1	30.0	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Selenium	ND		4.9	0.99	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Silver	ND	^5-	0.74	0.25	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Sodium	**343**		173	75.8	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Thallium	ND		7.4	0.94	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Vanadium	**16.1**		0.62	0.16	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1
Zinc	**96.2**		2.5	1.3	mg/Kg	☼	07/02/26 16:16	07/06/26 16:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.15**	**F1 F2**	0.024	0.0055	mg/Kg	☼	07/08/26 11:56	07/08/26 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.2	0.59	mg/Kg	☼	07/07/26 13:40	07/07/26 16:38	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-10 1-3'
Lab Sample ID: 480-240063-4
Date Collected: 07/01/26 11:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,1-Dichloroethane	ND	vs	5.7	0.69	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,1-Dichloroethene	ND	vs	5.7	0.69	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.34	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,2-Dichlorobenzene	ND	vs	5.7	0.44	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,2-Dichloroethane	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,2-Dichloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,4-Dichlorobenzene	ND	vs	5.7	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
2-Butanone (MEK)	ND	vs	28	2.1	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Acetone	**6.0**	**J B vs**	28	4.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Bromoform	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Carbon disulfide	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Chloroform	**0.74**	**J B vs**	5.7	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Chloromethane	ND	vs	5.7	0.34	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Cyclohexane	ND	vs	5.7	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Bromodichloromethane	ND	vs	5.7	0.76	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Isopropylbenzene	ND	vs	5.7	0.86	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Methylcyclohexane	ND	vs	5.7	0.86	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Tetrachloroethene	ND	vs	5.7	0.76	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Toluene	ND	vs	5.7	0.43	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Trichloroethene	ND	vs	5.7	1.2	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Vinyl chloride	ND	vs	5.7	0.69	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Xylenes, Total	ND	vs	11	0.95	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1
Styrene	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 02:24	1

Client Sample ID: RI-BH-10 1-3'
Date Collected: 07/01/26 11:00
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-4
Matrix: Solid
Percent Solids: 85.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	8.6	T J	ug/Kg	☼	12.89	N/A	07/06/26 18:24	07/07/26 02:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		64 - 126	07/06/26 18:24	07/07/26 02:24	1
4-Bromofluorobenzene (Surr)	102		72 - 126	07/06/26 18:24	07/07/26 02:24	1
Toluene-d8 (Surr)	102		71 - 125	07/06/26 18:24	07/07/26 02:24	1
Dibromofluoromethane (Surr)	101		60 - 140	07/06/26 18:24	07/07/26 02:24	1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
bis (2-chloroisopropyl) ether	ND		990	200	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2,4,5-Trichlorophenol	ND		990	200	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2,4,6-Trichlorophenol	ND		990	150	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2,4-Dichlorophenol	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2,4-Dimethylphenol	ND		990	210	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2,4-Dinitrophenol	ND		9600	190	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2,4-Dinitrotoluene	ND		990	130	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2,6-Dinitrotoluene	ND		990	140	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2-Chloronaphthalene	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
1,4-Dioxane	ND		580	220	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2-Chlorophenol	ND		990	150	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2-Methylphenol	ND		990	160	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2-Methylnaphthalene	ND		990	150	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2-Nitroaniline	ND		1900	170	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
2-Nitrophenol	ND		990	110	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
3,3'-Dichlorobenzidine	ND		1900	290	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
3-Nitroaniline	ND		1900	140	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
4,6-Dinitro-2-methylphenol	ND		1900	220	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
4-Bromophenyl phenyl ether	ND		990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
4-Chloro-3-methylphenol	ND		990	200	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
4-Chloroaniline	ND		990	140	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
4-Chlorophenyl phenyl ether	ND		990	210	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
4-Methylphenol	ND		1900	180	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
4-Nitroaniline	ND		1900	140	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
4-Nitrophenol	ND		1900	270	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Acenaphthene	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Acenaphthylene	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Acetophenone	ND		990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Anthracene	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Atrazine	ND		990	330	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Benzaldehyde	ND		990	750	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Benzo[a]anthracene	**230**	**J**	990	140	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Benzo[a]pyrene	**220**	**J**	990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Benzo[b]fluoranthene	**300**	**J**	990	130	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Benzo[g,h,i]perylene	ND		990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Benzo[k]fluoranthene	ND		990	220	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Bis(2-chloroethoxy)methane	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Bis(2-chloroethyl)ether	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Bis(2-ethylhexyl) phthalate	ND		990	210	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5

Client Sample ID: RI-BH-10 1-3'
Lab Sample ID: 480-240063-4
Date Collected: 07/01/26 11:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Caprolactam	ND		990	230	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Carbazole	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Chrysene	**240**	**J**	990	240	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Dibenz(a,h)anthracene	ND		990	200	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Di-n-butyl phthalate	ND		990	220	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Di-n-octyl phthalate	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Dibenzofuran	ND		990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Diethyl phthalate	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Dimethyl phthalate	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Fluoranthene	**440**	**J**	990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Fluorene	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Hexachlorobenzene	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Hexachlorobutadiene	ND		990	150	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Hexachlorocyclopentadiene	ND		1900	430	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Hexachloroethane	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Indeno[1,2,3-cd]pyrene	**150**	**J**	990	150	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Isophorone	ND		990	200	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
N-Nitrosodi-n-propylamine	ND		990	220	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
N-Nitrosodiphenylamine	ND		990	160	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Naphthalene	ND		990	160	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Nitrobenzene	ND		990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Pentachlorophenol	ND		1900	310	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Phenanthrene	**250**	**J**	990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Phenol	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5
Pyrene	**330**	**J**	990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 02:24	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5300*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/02/26 13:17*	*07/07/26 02:24*	*5*
Cyclopentadecane	*1200*	*T J N*	*ug/Kg*	☼	*13.80*	*295-48-7*	*07/02/26 13:17*	*07/07/26 02:24*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*84*		*22 - 120*	*07/02/26 13:17*	*07/07/26 02:24*	*5*
Phenol-d5 (Surr)	*84*		*23 - 120*	*07/02/26 13:17*	*07/07/26 02:24*	*5*
p-Terphenyl-d14 (Surr)	*82*		*28 - 124*	*07/02/26 13:17*	*07/07/26 02:24*	*5*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 140*	*07/02/26 13:17*	*07/07/26 02:24*	*5*
2-Fluorobiphenyl (Surr)	*82*		*29 - 120*	*07/02/26 13:17*	*07/07/26 02:24*	*5*
2-Fluorophenol (Surr)	*84*		*18 - 120*	*07/02/26 13:17*	*07/07/26 02:24*	*5*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		76	15	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
4,4'-DDE	ND		76	16	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
4,4'-DDT	ND		76	18	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
beta-BHC	ND		76	14	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
cis-Chlordane	ND		76	38	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
alpha-BHC	ND		76	14	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
Aldrin	ND		76	19	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
delta-BHC	ND		76	14	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
Dieldrin	ND		76	18	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20

Client Sample ID: RI-BH-10 1-3'
Lab Sample ID: 480-240063-4
Date Collected: 07/01/26 11:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		76	15	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
Endosulfan II	ND		76	14	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
Endosulfan sulfate	ND		76	14	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
Endrin	ND		76	15	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
Endrin aldehyde	ND		76	20	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
Endrin ketone	ND		76	19	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
gamma-BHC (Lindane)	ND		76	14	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
trans-Chlordane	ND		76	24	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
Heptachlor	ND		76	17	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
Heptachlor epoxide	ND		76	20	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
Methoxychlor	ND		76	16	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20
Toxaphene	ND		760	440	ug/Kg	☼	07/06/26 06:47	07/07/26 16:43	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*142*	*S1+*	*45 - 120*	*07/06/26 06:47*	*07/07/26 16:43*	*20*
DCB Decachlorobiphenyl	*218*	*S1+*	*45 - 120*	*07/06/26 06:47*	*07/07/26 16:43*	*20*
Tetrachloro-m-xylene	*182*	*S1+*	*30 - 124*	*07/06/26 06:47*	*07/07/26 16:43*	*20*
Tetrachloro-m-xylene	*119*		*30 - 124*	*07/06/26 06:47*	*07/07/26 16:43*	*20*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 14:12	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 14:12	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 14:12	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 14:12	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 14:12	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	07/06/26 07:04	07/06/26 14:12	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	07/06/26 07:04	07/06/26 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*60 - 154*	*07/06/26 07:04*	*07/06/26 14:12*	*1*
Tetrachloro-m-xylene	*100*		*60 - 154*	*07/06/26 07:04*	*07/06/26 14:12*	*1*
DCB Decachlorobiphenyl	*88*		*65 - 174*	*07/06/26 07:04*	*07/06/26 14:12*	*1*
DCB Decachlorobiphenyl	*82*		*65 - 174*	*07/06/26 07:04*	*07/06/26 14:12*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1

Client Sample ID: RI-BH-10 1-3'
Lab Sample ID: 480-240063-4
Date Collected: 07/01/26 11:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:28	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.4*		*8 - 130*	*07/09/26 14:19*	*07/11/26 13:28*	*1*
13C5 PFPeA	*92.8*		*35 - 130*	*07/09/26 14:19*	*07/11/26 13:28*	*1*
13C5 PFHxA	*92.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:28*	*1*
13C4 PFHpA	*94.0*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:28*	*1*
13C8 PFOA	*85.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:28*	*1*

Client Sample ID: RI-BH-10 1-3'
Date Collected: 07/01/26 11:00
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-4
Matrix: Solid
Percent Solids: 85.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C9 PFNA	81.8		40 - 130	07/09/26 14:19	07/11/26 13:28	1
13C6 PFDA	73.4		40 - 130	07/09/26 14:19	07/11/26 13:28	1
13C7 PFUnA	63.6		40 - 130	07/09/26 14:19	07/11/26 13:28	1
13C2 PFTeDA	35.4		20 - 130	07/09/26 14:19	07/11/26 13:28	1
13C3 PFBS	78.6		40 - 135	07/09/26 14:19	07/11/26 13:28	1
13C3 PFHxS	74.9		40 - 130	07/09/26 14:19	07/11/26 13:28	1
13C8 PFOS	65.4		40 - 130	07/09/26 14:19	07/11/26 13:28	1
13C8 FOSA	69.2		40 - 130	07/09/26 14:19	07/11/26 13:28	1
d3-NMeFOSAA	60.9		40 - 135	07/09/26 14:19	07/11/26 13:28	1
d5-NEtFOSAA	58.7		40 - 150	07/09/26 14:19	07/11/26 13:28	1
13C2 4:2 FTS	85.8		40 - 165	07/09/26 14:19	07/11/26 13:28	1
13C2 6:2 FTS	79.7		40 - 215	07/09/26 14:19	07/11/26 13:28	1
13C2 8:2 FTS	212		40 - 275	07/09/26 14:19	07/11/26 13:28	1
13C3 HFPO-DA	79.8		40 - 130	07/09/26 14:19	07/11/26 13:28	1
d7-N-MeFOSE-M	29.7		20 - 130	07/09/26 14:19	07/11/26 13:28	1
d9-N-EtFOSE-M	26.4		15 - 130	07/09/26 14:19	07/11/26 13:28	1
d5-NEtPFOSA	43.4		10 - 130	07/09/26 14:19	07/11/26 13:28	1
d3-NMePFOSA	54.4		10 - 130	07/09/26 14:19	07/11/26 13:28	1
13C2 PFDoA	52.2		40 - 130	07/09/26 14:19	07/11/26 13:28	1
13C3-PFDoS	40.4		20 - 150	07/09/26 14:19	07/11/26 13:28	1
13C3-3:3 FTCA	90.3		20 - 150	07/09/26 14:19	07/11/26 13:28	1
13C3-5:3 FTCA	83.3		20 - 150	07/09/26 14:19	07/11/26 13:28	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**20400**		11.5	9.9	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Antimony	ND		17.2	0.61	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Arsenic	**4.9**		2.3	1.0	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Barium	**126**		0.57	0.16	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Beryllium	**0.82**		0.23	0.046	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Cadmium	**0.34**		0.23	0.080	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Calcium	**31200**		57.3	30.9	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Chromium	**25.3**		0.57	0.41	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Cobalt	**11.0**		0.57	0.11	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Copper	**19.9**		1.1	0.65	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Iron	**23500**		11.5	9.7	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Lead	**107**		1.1	0.53	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Magnesium	**13500**		22.9	9.7	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Manganese	**460**		1.1	0.32	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Nickel	**22.0**		5.7	0.29	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Potassium	**4770**		34.4	27.8	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Selenium	ND		4.6	0.92	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Silver	**0.47**	**J ^5-**	0.69	0.23	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Sodium	**196**		160	70.3	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Thallium	ND		6.9	0.87	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Vanadium	**39.8**		0.57	0.15	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1
Zinc	**117**		2.3	1.2	mg/Kg	☼	07/02/26 16:16	07/06/26 16:50	1

Client Sample ID: RI-BH-10 1-3'
Lab Sample ID: 480-240063-4
Date Collected: 07/01/26 11:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.7

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.40**		0.024	0.0055	mg/Kg	☼	07/08/26 11:56	07/08/26 14:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.0	0.48	mg/Kg	☼	07/07/26 13:40	07/07/26 16:39	1

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5
Date Collected: 07/01/26 11:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 88.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,1-Dichloroethane	ND	vs	5.7	0.69	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,1-Dichloroethene	ND	vs	5.7	0.69	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.34	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,2-Dichlorobenzene	ND	vs	5.7	0.44	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,2-Dichloroethane	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,2-Dichloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,4-Dichlorobenzene	ND	vs	5.7	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
2-Butanone (MEK)	ND	vs	28	2.1	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Acetone	**7.1**	**J B vs**	28	4.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Bromoform	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Carbon disulfide	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Dibromochloromethane	ND	vs	5.7	0.72	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Chloroform	**0.80**	**J B vs**	5.7	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Chloromethane	ND	vs	5.7	0.34	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.72	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Cyclohexane	ND	vs	5.7	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Bromodichloromethane	ND	vs	5.7	0.76	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Isopropylbenzene	ND	vs	5.7	0.85	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Methylcyclohexane	ND	vs	5.7	0.86	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5
Date Collected: 07/01/26 11:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 88.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND	vs	5.7	0.76	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Toluene	ND	vs	5.7	0.43	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.58	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Trichloroethene	ND	vs	5.7	1.2	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Vinyl chloride	ND	vs	5.7	0.69	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Xylenes, Total	ND	vs	11	0.95	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1
Styrene	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 02:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:24*	*07/07/26 02:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*	*07/06/26 18:24*	*07/07/26 02:46*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*	*07/06/26 18:24*	*07/07/26 02:46*	*1*
Toluene-d8 (Surr)	*107*		*71 - 125*	*07/06/26 18:24*	*07/07/26 02:46*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*07/06/26 18:24*	*07/07/26 02:46*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
bis (2-chloroisopropyl) ether	ND		190	39	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2,4,5-Trichlorophenol	ND		190	39	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2,4,6-Trichlorophenol	ND		190	29	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2,4-Dichlorophenol	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2,4-Dimethylphenol	ND		190	40	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2,4-Dinitrophenol	ND		1900	36	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2,4-Dinitrotoluene	ND		190	26	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2,6-Dinitrotoluene	ND		190	27	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2-Chloronaphthalene	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
1,4-Dioxane	ND		110	42	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2-Chlorophenol	ND		190	30	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2-Methylphenol	ND		190	31	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2-Methylnaphthalene	ND		190	30	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2-Nitroaniline	ND		370	32	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
2-Nitrophenol	ND		190	22	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
3,3'-Dichlorobenzidine	ND		370	56	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
3-Nitroaniline	ND		370	27	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
4,6-Dinitro-2-methylphenol	ND		370	42	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
4-Bromophenyl phenyl ether	ND		190	32	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
4-Chloro-3-methylphenol	ND		190	39	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
4-Chloroaniline	ND		190	27	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
4-Chlorophenyl phenyl ether	ND		190	40	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
4-Methylphenol	ND		370	34	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
4-Nitroaniline	ND		370	28	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
4-Nitrophenol	ND		370	52	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Acenaphthene	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Acenaphthylene	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5
Date Collected: 07/01/26 11:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 88.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		190	34	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Anthracene	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Atrazine	ND		190	64	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Benzaldehyde	ND		190	150	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Benzo[a]anthracene	ND		190	26	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Benzo[a]pyrene	ND		190	32	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Benzo[b]fluoranthene	ND		190	26	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Benzo[g,h,i]perylene	ND		190	33	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Benzo[k]fluoranthene	ND		190	43	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Bis(2-chloroethoxy)methane	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Bis(2-chloroethyl)ether	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Bis(2-ethylhexyl) phthalate	ND		190	41	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Butyl benzyl phthalate	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Caprolactam	ND		190	44	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Carbazole	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Chrysene	ND		190	46	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Dibenz(a,h)anthracene	ND		190	38	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Di-n-butyl phthalate	ND		190	43	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Di-n-octyl phthalate	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Dibenzofuran	ND		190	34	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Diethyl phthalate	ND		190	34	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Dimethyl phthalate	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Fluoranthene	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Fluorene	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Hexachlorobenzene	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Hexachlorobutadiene	ND		190	28	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Hexachlorocyclopentadiene	ND		370	83	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Hexachloroethane	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Indeno[1,2,3-cd]pyrene	ND		190	28	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Isophorone	ND		190	39	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
N-Nitrosodi-n-propylamine	ND		190	43	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
N-Nitrosodiphenylamine	ND		190	32	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Naphthalene	ND		190	32	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Nitrobenzene	ND		190	32	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Pentachlorophenol	ND		370	61	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Phenanthrene	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Phenol	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1
Pyrene	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 02:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6700*	*T J*	*ug/Kg*	☼	*2.00*	*N/A*	*07/02/26 13:17*	*07/07/26 02:48*	*1*
Unknown	*5100*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/07/26 02:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*96*		*22 - 120*	*07/02/26 13:17*	*07/07/26 02:48*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*07/02/26 13:17*	*07/07/26 02:48*	*1*
p-Terphenyl-d14 (Surr)	*95*		*28 - 124*	*07/02/26 13:17*	*07/07/26 02:48*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 140*	*07/02/26 13:17*	*07/07/26 02:48*	*1*
2-Fluorobiphenyl (Surr)	*96*		*29 - 120*	*07/02/26 13:17*	*07/07/26 02:48*	*1*
2-Fluorophenol (Surr)	*87*		*18 - 120*	*07/02/26 13:17*	*07/07/26 02:48*	*1*

Client Sample ID: RI-BH-11 1-3'
Date Collected: 07/01/26 11:15
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-5
Matrix: Solid
Percent Solids: 88.0

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.7	0.72	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
4,4'-DDE	ND		3.7	0.78	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
4,4'-DDT	ND		3.7	0.87	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
beta-BHC	ND		3.7	0.67	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
cis-Chlordane	ND		3.7	1.9	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
alpha-BHC	ND		3.7	0.67	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
Aldrin	ND		3.7	0.92	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
delta-BHC	ND		3.7	0.69	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
Dieldrin	ND		3.7	0.89	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
Endosulfan I	ND		3.7	0.72	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
Endosulfan II	ND		3.7	0.67	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
Endosulfan sulfate	ND		3.7	0.70	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
Endrin	ND		3.7	0.74	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
Endrin aldehyde	ND		3.7	0.95	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
Endrin ketone	ND		3.7	0.92	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
gamma-BHC (Lindane)	ND		3.7	0.68	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
trans-Chlordane	ND		3.7	1.2	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
Heptachlor	ND		3.7	0.81	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
Heptachlor epoxide	ND		3.7	0.96	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
Methoxychlor	ND		3.7	0.76	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1
Toxaphene	ND		37	22	ug/Kg	☼	07/06/26 06:47	07/07/26 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*45 - 120*	*07/06/26 06:47*	*07/07/26 17:02*	*1*
DCB Decachlorobiphenyl	*95*		*45 - 120*	*07/06/26 06:47*	*07/07/26 17:02*	*1*
Tetrachloro-m-xylene	*78*		*30 - 124*	*07/06/26 06:47*	*07/07/26 17:02*	*1*
Tetrachloro-m-xylene	*69*		*30 - 124*	*07/06/26 06:47*	*07/07/26 17:02*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 14:30	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 14:30	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 14:30	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 14:30	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 14:30	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	07/06/26 07:04	07/06/26 14:30	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	07/06/26 07:04	07/06/26 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*60 - 154*	*07/06/26 07:04*	*07/06/26 14:30*	*1*
Tetrachloro-m-xylene	*103*		*60 - 154*	*07/06/26 07:04*	*07/06/26 14:30*	*1*
DCB Decachlorobiphenyl	*92*		*65 - 174*	*07/06/26 07:04*	*07/06/26 14:30*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*07/06/26 07:04*	*07/06/26 14:30*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5
Date Collected: 07/01/26 11:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 88.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5
Date Collected: 07/01/26 11:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 88.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77.5*		*8 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C5 PFPeA	*93.5*		*35 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C5 PFHxA	*90.6*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C4 PFHpA	*92.9*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C8 PFOA	*80.7*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C9 PFNA	*76.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C6 PFDA	*70.9*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C7 PFUnA	*66.9*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C2 PFTeDA	*47.8*		*20 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C3 PFBS	*74.5*		*40 - 135*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C3 PFHxS	*69.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C8 PFOS	*55.0*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C8 FOSA	*64.7*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
d3-NMeFOSAA	*56.9*		*40 - 135*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
d5-NEtFOSAA	*59.4*		*40 - 150*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C2 4:2 FTS	*71.3*		*40 - 165*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C2 6:2 FTS	*69.7*		*40 - 215*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C2 8:2 FTS	*213*		*40 - 275*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C3 HFPO-DA	*78.8*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
d7-N-MeFOSE-M	*46.4*		*20 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
d9-N-EtFOSE-M	*43.7*		*15 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
d5-NEtPFOSA	*47.3*		*10 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
d3-NMePFOSA	*63.1*		*10 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C2 PFDoA	*62.1*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C3-PFDoS	*52.9*		*20 - 150*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C3-3:3 FTCA	*84.4*		*20 - 150*	*07/09/26 14:19*	*07/11/26 13:42*	*1*
13C3-5:3 FTCA	*79.4*		*20 - 150*	*07/09/26 14:19*	*07/11/26 13:42*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**21300**		11.0	9.5	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Antimony	ND		16.5	0.58	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Arsenic	**2.6**		2.2	0.97	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Barium	**108**		0.55	0.15	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Beryllium	**0.82**		0.22	0.044	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Cadmium	**0.28**		0.22	0.077	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Calcium	**66400**		55.1	29.8	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Chromium	**25.6**		0.55	0.40	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Cobalt	**11.2**		0.55	0.11	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Copper	**15.3**		1.1	0.63	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Iron	**20900**		11.0	9.4	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Lead	**8.9**		1.1	0.51	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Magnesium	**23300**		22.1	9.4	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Manganese	**445**		1.1	0.31	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Nickel	**22.0**		5.5	0.28	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5
Date Collected: 07/01/26 11:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 88.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**6800**		33.1	26.7	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Selenium	ND		4.4	0.88	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Silver	**0.41**	**J ^5-**	0.66	0.22	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Sodium	**377**		154	67.6	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Thallium	ND		6.6	0.84	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Vanadium	**36.4**		0.55	0.14	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1
Zinc	**74.6**		2.2	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 16:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.018**	**J**	0.023	0.0052	mg/Kg	☼	07/08/26 11:56	07/08/26 14:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.53	mg/Kg	☼	07/07/26 13:40	07/07/26 16:39	1

Client Sample ID: RI-BH-1 1-3'
Lab Sample ID: 480-240063-6
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 70.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.9	0.50	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,1,2,2-Tetrachloroethane	ND	vs	6.9	1.1	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.9	1.6	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,1,2-Trichloroethane	ND	vs	6.9	0.90	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,1-Dichloroethane	ND	vs	6.9	0.85	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,1-Dichloroethene	ND	vs	6.9	0.85	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,2,4-Trichlorobenzene	ND	vs	6.9	0.42	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.9	3.5	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,2-Dichlorobenzene	ND	vs	6.9	0.54	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,2-Dichloroethane	ND	vs	6.9	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,2-Dichloropropane	ND	vs	6.9	3.5	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,3-Dichlorobenzene	ND	vs	6.9	0.36	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,4-Dichlorobenzene	ND	vs	6.9	0.97	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
2-Butanone (MEK)	ND	vs	35	2.5	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
2-Hexanone	ND	vs	35	3.5	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
4-Methyl-2-pentanone (MIBK)	ND	vs	35	2.3	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Acetone	ND	vs	35	5.8	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Benzene	ND	vs	6.9	0.34	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Bromoform	ND	vs	6.9	3.5	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Bromomethane	ND	vs	6.9	0.62	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Carbon disulfide	ND	vs	6.9	3.5	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Carbon tetrachloride	ND	vs	6.9	0.67	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Chlorobenzene	ND	vs	6.9	0.91	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Dibromochloromethane	ND	vs	6.9	0.89	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Chloroethane	ND	vs	6.9	1.6	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Chloroform	**0.90**	**J B vs**	6.9	0.43	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Chloromethane	ND	vs	6.9	0.42	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
cis-1,2-Dichloroethene	ND	vs	6.9	0.89	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1

Client Sample ID: RI-BH-1 1-3'
Lab Sample ID: 480-240063-6
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 70.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND	vs	6.9	0.97	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Bromodichloromethane	ND	vs	6.9	0.93	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Dichlorodifluoromethane	ND	vs	6.9	0.57	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Ethylbenzene	ND	vs	6.9	0.48	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
1,2-Dibromoethane	ND	vs	6.9	0.89	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Isopropylbenzene	ND	vs	6.9	1.0	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Methyl acetate	ND	vs	35	4.2	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Methyl tert-butyl ether	ND	vs	6.9	0.68	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Methylcyclohexane	ND	vs	6.9	1.1	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Methylene Chloride	ND	vs	6.9	3.2	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Tetrachloroethene	ND	vs	6.9	0.93	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Toluene	ND	vs	6.9	0.52	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
trans-1,2-Dichloroethene	ND	vs	6.9	0.71	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
trans-1,3-Dichloropropene	ND	vs	6.9	3.0	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Trichloroethene	ND	vs	6.9	1.5	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Trichlorofluoromethane	ND	vs	6.9	0.66	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Vinyl chloride	ND	vs	6.9	0.85	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Xylenes, Total	ND	vs	14	1.2	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
cis-1,3-Dichloropropene	ND	vs	6.9	1.0	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1
Styrene	ND	vs	6.9	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 03:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:24*	*07/07/26 03:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*07/06/26 18:24*	*07/07/26 03:09*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*07/06/26 18:24*	*07/07/26 03:09*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*07/06/26 18:24*	*07/07/26 03:09*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*07/06/26 18:24*	*07/07/26 03:09*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		240	45	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
bis (2-chloroisopropyl) ether	ND		240	49	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2,4,5-Trichlorophenol	ND		240	48	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2,4,6-Trichlorophenol	ND		240	36	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2,4-Dichlorophenol	ND		240	47	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2,4-Dimethylphenol	ND		240	50	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2,4-Dinitrophenol	ND		2300	46	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2,4-Dinitrotoluene	ND		240	33	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2,6-Dinitrotoluene	ND		240	34	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2-Chloronaphthalene	ND		240	45	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
1,4-Dioxane	ND		140	53	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2-Chlorophenol	ND		240	37	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2-Methylphenol	ND		240	39	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2-Methylnaphthalene	ND		240	38	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2-Nitroaniline	ND		470	41	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
2-Nitrophenol	ND		240	27	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
3,3'-Dichlorobenzidine	ND		470	70	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
3-Nitroaniline	ND		470	34	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1

Client Sample ID: RI-BH-1 1-3'
Lab Sample ID: 480-240063-6
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 70.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		470	52	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
4-Bromophenyl phenyl ether	ND		240	41	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
4-Chloro-3-methylphenol	ND		240	49	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
4-Chloroaniline	ND		240	34	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
4-Chlorophenyl phenyl ether	ND		240	50	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
4-Methylphenol	ND		470	43	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
4-Nitroaniline	ND		470	35	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
4-Nitrophenol	ND		470	65	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Acenaphthene	ND		240	44	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Acenaphthylene	ND		240	46	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Acetophenone	ND		240	42	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Anthracene	ND		240	44	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Atrazine	ND		240	81	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Benzaldehyde	ND		240	180	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Benzo[a]anthracene	ND		240	33	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Benzo[a]pyrene	ND		240	41	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Benzo[b]fluoranthene	ND		240	32	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Benzo[g,h,i]perylene	ND		240	42	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Benzo[k]fluoranthene	ND		240	54	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Bis(2-chloroethoxy)methane	ND		240	46	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Bis(2-chloroethyl)ether	ND		240	45	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Bis(2-ethylhexyl) phthalate	ND		240	52	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Butyl benzyl phthalate	ND		240	44	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Caprolactam	ND		240	55	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Carbazole	ND		240	47	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Chrysene	ND		240	58	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Dibenz(a,h)anthracene	ND		240	48	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Di-n-butyl phthalate	ND		240	54	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Di-n-octyl phthalate	ND		240	46	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Dibenzofuran	ND		240	42	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Diethyl phthalate	ND		240	43	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Dimethyl phthalate	ND		240	46	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Fluoranthene	ND		240	44	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Fluorene	ND		240	44	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Hexachlorobenzene	ND		240	46	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Hexachlorobutadiene	ND		240	36	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Hexachlorocyclopentadiene	ND		470	100	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Hexachloroethane	ND		240	44	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Indeno[1,2,3-cd]pyrene	ND		240	36	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Isophorone	ND		240	49	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
N-Nitrosodi-n-propylamine	ND		240	54	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
N-Nitrosodiphenylamine	ND		240	40	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Naphthalene	ND		240	40	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Nitrobenzene	ND		240	40	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Pentachlorophenol	ND		470	76	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Phenanthrene	ND		240	45	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Phenol	ND		240	44	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1
Pyrene	ND		240	45	ug/Kg	☼	07/02/26 13:17	07/07/26 03:12	1

Client Sample ID: RI-BH-1 1-3'
Date Collected: 07/01/26 13:00
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-6
Matrix: Solid
Percent Solids: 70.5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	6000	T J	ug/Kg	☼	3.49	N/A	07/02/26 13:17	07/07/26 03:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	86		22 - 120	07/02/26 13:17	07/07/26 03:12	1
Phenol-d5 (Surr)	85		23 - 120	07/02/26 13:17	07/07/26 03:12	1
p-Terphenyl-d14 (Surr)	93		28 - 124	07/02/26 13:17	07/07/26 03:12	1
2,4,6-Tribromophenol (Surr)	88		10 - 140	07/02/26 13:17	07/07/26 03:12	1
2-Fluorobiphenyl (Surr)	86		29 - 120	07/02/26 13:17	07/07/26 03:12	1
2-Fluorophenol (Surr)	81		18 - 120	07/02/26 13:17	07/07/26 03:12	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.6	0.90	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
4,4'-DDE	ND		4.6	0.97	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
4,4'-DDT	ND		4.6	1.1	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
beta-BHC	ND		4.6	0.83	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
cis-Chlordane	ND		4.6	2.3	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
alpha-BHC	ND		4.6	0.83	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
Aldrin	ND		4.6	1.1	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
delta-BHC	ND		4.6	0.86	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
Dieldrin	ND		4.6	1.1	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
Endosulfan I	ND		4.6	0.89	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
Endosulfan II	ND		4.6	0.83	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
Endosulfan sulfate	ND		4.6	0.87	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
Endrin	ND		4.6	0.92	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
Endrin aldehyde	ND		4.6	1.2	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
Endrin ketone	ND		4.6	1.1	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
gamma-BHC (Lindane)	ND		4.6	0.85	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
trans-Chlordane	ND		4.6	1.5	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
Heptachlor	ND		4.6	1.0	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
Heptachlor epoxide	ND		4.6	1.2	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
Methoxychlor	ND		4.6	0.95	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1
Toxaphene	ND		46	27	ug/Kg	☼	07/06/26 06:47	07/07/26 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		45 - 120	07/06/26 06:47	07/07/26 17:22	1
DCB Decachlorobiphenyl	81		45 - 120	07/06/26 06:47	07/07/26 17:22	1
Tetrachloro-m-xylene	73		30 - 124	07/06/26 06:47	07/07/26 17:22	1
Tetrachloro-m-xylene	61		30 - 124	07/06/26 06:47	07/07/26 17:22	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.33	0.065	mg/Kg	☼	07/06/26 07:04	07/06/26 14:49	1
PCB-1221	ND		0.33	0.065	mg/Kg	☼	07/06/26 07:04	07/06/26 14:49	1
PCB-1232	ND		0.33	0.065	mg/Kg	☼	07/06/26 07:04	07/06/26 14:49	1
PCB-1242	ND		0.33	0.065	mg/Kg	☼	07/06/26 07:04	07/06/26 14:49	1
PCB-1248	ND		0.33	0.065	mg/Kg	☼	07/06/26 07:04	07/06/26 14:49	1
PCB-1254	ND		0.33	0.15	mg/Kg	☼	07/06/26 07:04	07/06/26 14:49	1
PCB-1260	ND		0.33	0.15	mg/Kg	☼	07/06/26 07:04	07/06/26 14:49	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-1 1-3'
Lab Sample ID: 480-240063-6
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 70.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*60 - 154*	*07/06/26 07:04*	*07/06/26 14:49*	*1*
Tetrachloro-m-xylene	*106*		*60 - 154*	*07/06/26 07:04*	*07/06/26 14:49*	*1*
DCB Decachlorobiphenyl	*98*		*65 - 174*	*07/06/26 07:04*	*07/06/26 14:49*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*07/06/26 07:04*	*07/06/26 14:49*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorooctanesulfonic acid (PFOS)	**0.21**		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1

Client Sample ID: RI-BH-1 1-3'
Lab Sample ID: 480-240063-6
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 70.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 13:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*80.8*		*8 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C5 PFPeA	*87.3*		*35 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C5 PFHxA	*87.6*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C4 PFHpA	*96.0*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C8 PFOA	*76.4*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C9 PFNA	*81.1*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C6 PFDA	*67.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C7 PFUnA	*64.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C2 PFTeDA	*40.2*		*20 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C3 PFBS	*79.7*		*40 - 135*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C3 PFHxS	*70.4*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C8 PFOS	*65.7*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C8 FOSA	*68.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
d3-NMeFOSAA	*60.8*		*40 - 135*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
d5-NEtFOSAA	*59.9*		*40 - 150*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C2 4:2 FTS	*84.3*		*40 - 165*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C2 6:2 FTS	*78.7*		*40 - 215*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C2 8:2 FTS	*208*		*40 - 275*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C3 HFPO-DA	*82.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
d7-N-MeFOSE-M	*42.7*		*20 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
d9-N-EtFOSE-M	*37.8*		*15 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
d5-NEtPFOSA	*49.6*		*10 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
d3-NMePFOSA	*58.6*		*10 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C2 PFDoA	*55.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C3-PFDoS	*47.9*		*20 - 150*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C3-3:3 FTCA	*80.6*		*20 - 150*	*07/09/26 14:19*	*07/11/26 13:56*	*1*
13C3-5:3 FTCA	*74.0*		*20 - 150*	*07/09/26 14:19*	*07/11/26 13:56*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18700**		14.4	12.5	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Antimony	ND		21.7	0.77	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Arsenic	**3.9**		2.9	1.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1

Client Sample ID: RI-BH-1 1-3'
Lab Sample ID: 480-240063-6

Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 70.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	111		0.72	0.20	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Beryllium	0.74		0.29	0.058	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Cadmium	0.37		0.29	0.10	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Calcium	81200		72.2	39.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Chromium	23.3		0.72	0.52	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Cobalt	7.4		0.72	0.14	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Copper	16.5		1.4	0.82	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Iron	21200		14.4	12.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Lead	7.3		1.4	0.66	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Magnesium	32400		28.9	12.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Manganese	427		1.4	0.40	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Nickel	17.5		7.2	0.36	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Potassium	5640		43.3	35.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Selenium	ND		5.8	1.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Silver	0.48	J ^5-	0.87	0.29	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Sodium	459		202	88.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Thallium	ND		8.7	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Vanadium	36.2		0.72	0.19	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1
Zinc	90.3		2.9	1.5	mg/Kg	☼	07/02/26 16:16	07/06/26 17:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.029	0.0066	mg/Kg	☼	07/08/26 11:56	07/08/26 14:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.4	0.68	mg/Kg	☼	07/07/26 13:40	07/07/26 16:39	1

Client Sample ID: RI-BH-1 8-10'
Lab Sample ID: 480-240063-7

Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,1-Dichloroethane	ND	vs	5.7	0.69	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,1-Dichloroethene	ND	vs	5.7	0.69	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.34	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,2-Dichlorobenzene	ND	vs	5.7	0.44	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,2-Dichloroethane	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,2-Dichloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,4-Dichlorobenzene	ND	vs	5.7	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
2-Butanone (MEK)	ND	vs	28	2.1	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1

Client Sample ID: RI-BH-1 8-10'
Lab Sample ID: 480-240063-7
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**7.2**	**J B vs**	28	4.8	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Bromoform	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Carbon disulfide	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Dibromochloromethane	ND	vs	5.7	0.72	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Chloroform	**0.80**	**J B vs**	5.7	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Chloromethane	ND	vs	5.7	0.34	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.72	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Cyclohexane	ND	vs	5.7	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Bromodichloromethane	ND	vs	5.7	0.76	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Isopropylbenzene	ND	vs	5.7	0.85	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Methylcyclohexane	ND	vs	5.7	0.86	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Tetrachloroethene	ND	vs	5.7	0.76	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Toluene	ND	vs	5.7	0.43	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.58	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Trichloroethene	ND	vs	5.7	1.2	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Vinyl chloride	ND	vs	5.7	0.69	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Xylenes, Total	ND	vs	11	0.95	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.81	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1
Styrene	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 03:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:24*	*07/07/26 03:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*	*07/06/26 18:24*	*07/07/26 03:31*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*07/06/26 18:24*	*07/07/26 03:31*	*1*
Toluene-d8 (Surr)	*103*		*71 - 125*	*07/06/26 18:24*	*07/07/26 03:31*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*07/06/26 18:24*	*07/07/26 03:31*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
2,4,5-Trichlorophenol	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
2,4,6-Trichlorophenol	ND		200	30	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
2,4-Dichlorophenol	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
2,4-Dimethylphenol	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1

Client Sample ID: RI-BH-1 8-10'
Lab Sample ID: 480-240063-7
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
2,6-Dinitrotoluene	ND		200	28	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
2-Chloronaphthalene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
1,4-Dioxane	ND		120	43	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
2-Chlorophenol	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
2-Methylphenol	ND		200	32	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
2-Nitrophenol	ND		200	22	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
3,3'-Dichlorobenzidine	ND		380	58	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
3-Nitroaniline	ND		380	28	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
4-Bromophenyl phenyl ether	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
4-Chloro-3-methylphenol	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
4-Chloroaniline	ND		200	28	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
4-Chlorophenyl phenyl ether	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
4-Methylphenol	ND		380	35	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
4-Nitroaniline	ND		380	29	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
4-Nitrophenol	ND		380	54	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Acenaphthene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Acenaphthylene	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Acetophenone	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Anthracene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Atrazine	ND		200	66	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Benzo[a]anthracene	ND		200	27	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Benzo[a]pyrene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Benzo[b]fluoranthene	ND		200	26	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Benzo[g,h,i]perylene	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Benzo[k]fluoranthene	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Bis(2-chloroethoxy)methane	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Bis(2-chloroethyl)ether	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Bis(2-ethylhexyl) phthalate	ND		200	43	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Butyl benzyl phthalate	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Caprolactam	ND		200	45	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Carbazole	ND		200	39	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Chrysene	ND		200	47	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Dibenz(a,h)anthracene	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Di-n-butyl phthalate	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Di-n-octyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Dibenzofuran	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Diethyl phthalate	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Dimethyl phthalate	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Fluoranthene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Fluorene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Hexachlorobenzene	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Hexachlorocyclopentadiene	ND		380	86	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1

Client Sample ID: RI-BH-1 8-10'
Lab Sample ID: 480-240063-7
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Indeno[1,2,3-cd]pyrene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Isophorone	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
N-Nitrosodi-n-propylamine	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
N-Nitrosodiphenylamine	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Naphthalene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Nitrobenzene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Pentachlorophenol	ND		380	63	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Phenanthrene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Phenol	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1
Pyrene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 03:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5200*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/07/26 03:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*89*		*22 - 120*	*07/02/26 13:17*	*07/07/26 03:36*	*1*
Phenol-d5 (Surr)	*88*		*23 - 120*	*07/02/26 13:17*	*07/07/26 03:36*	*1*
p-Terphenyl-d14 (Surr)	*102*		*28 - 124*	*07/02/26 13:17*	*07/07/26 03:36*	*1*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 140*	*07/02/26 13:17*	*07/07/26 03:36*	*1*
2-Fluorobiphenyl (Surr)	*92*		*29 - 120*	*07/02/26 13:17*	*07/07/26 03:36*	*1*
2-Fluorophenol (Surr)	*84*		*18 - 120*	*07/02/26 13:17*	*07/07/26 03:36*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.9	0.76	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
4,4'-DDE	ND		3.9	0.82	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
4,4'-DDT	ND		3.9	0.91	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
beta-BHC	ND		3.9	0.70	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
cis-Chlordane	ND		3.9	1.9	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
alpha-BHC	ND		3.9	0.70	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
Aldrin	ND		3.9	0.96	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
delta-BHC	ND		3.9	0.72	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
Dieldrin	ND		3.9	0.94	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
Endosulfan I	ND		3.9	0.75	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
Endosulfan II	ND		3.9	0.70	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
Endosulfan sulfate	ND		3.9	0.73	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
Endrin	ND		3.9	0.77	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
Endrin aldehyde	ND		3.9	1.0	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
Endrin ketone	ND		3.9	0.96	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
gamma-BHC (Lindane)	ND		3.9	0.72	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
trans-Chlordane	ND		3.9	1.2	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
Heptachlor	ND		3.9	0.84	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
Heptachlor epoxide	ND		3.9	1.0	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
Methoxychlor	ND		3.9	0.79	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1
Toxaphene	ND		39	23	ug/Kg	☼	07/06/26 06:47	07/07/26 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*45 - 120*	*07/06/26 06:47*	*07/07/26 17:41*	*1*
DCB Decachlorobiphenyl	*88*		*45 - 120*	*07/06/26 06:47*	*07/07/26 17:41*	*1*

Client Sample ID: RI-BH-1 8-10'
Lab Sample ID: 480-240063-7
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*30 - 124*	*07/06/26 06:47*	*07/07/26 17:41*	*1*
Tetrachloro-m-xylene	*76*		*30 - 124*	*07/06/26 06:47*	*07/07/26 17:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.042	mg/Kg	☼	07/06/26 07:04	07/06/26 15:07	1
PCB-1221	ND		0.21	0.042	mg/Kg	☼	07/06/26 07:04	07/06/26 15:07	1
PCB-1232	ND		0.21	0.042	mg/Kg	☼	07/06/26 07:04	07/06/26 15:07	1
PCB-1242	ND		0.21	0.042	mg/Kg	☼	07/06/26 07:04	07/06/26 15:07	1
PCB-1248	ND		0.21	0.042	mg/Kg	☼	07/06/26 07:04	07/06/26 15:07	1
PCB-1254	ND		0.21	0.10	mg/Kg	☼	07/06/26 07:04	07/06/26 15:07	1
PCB-1260	ND		0.21	0.10	mg/Kg	☼	07/06/26 07:04	07/06/26 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*60 - 154*	*07/06/26 07:04*	*07/06/26 15:07*	*1*
Tetrachloro-m-xylene	*105*		*60 - 154*	*07/06/26 07:04*	*07/06/26 15:07*	*1*
DCB Decachlorobiphenyl	*91*		*65 - 174*	*07/06/26 07:04*	*07/06/26 15:07*	*1*
DCB Decachlorobiphenyl	*88*		*65 - 174*	*07/06/26 07:04*	*07/06/26 15:07*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1

Client Sample ID: RI-BH-1 8-10'
Lab Sample ID: 480-240063-7
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 14:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87.5*		*8 - 130*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C5 PFPeA	*102*		*35 - 130*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C5 PFHxA	*99.0*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C4 PFHpA	*98.7*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C8 PFOA	*85.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C9 PFNA	*89.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C6 PFDA	*67.3*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C7 PFUnA	*63.1*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C2 PFTeDA	*49.8*		*20 - 130*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C3 PFBS	*81.9*		*40 - 135*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C3 PFHxS	*69.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C8 PFOS	*61.1*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C8 FOSA	*71.1*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
d3-NMeFOSAA	*57.4*		*40 - 135*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
d5-NEtFOSAA	*60.8*		*40 - 150*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C2 4:2 FTS	*84.1*		*40 - 165*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C2 6:2 FTS	*80.5*		*40 - 215*	*07/09/26 14:19*	*07/11/26 14:09*	*1*
13C2 8:2 FTS	*212*		*40 - 275*	*07/09/26 14:19*	*07/11/26 14:09*	*1*

Client Sample ID: RI-BH-1 8-10'
Lab Sample ID: 480-240063-7
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	87.0		40 - 130	07/09/26 14:19	07/11/26 14:09	1
d7-N-MeFOSE-M	43.4		20 - 130	07/09/26 14:19	07/11/26 14:09	1
d9-N-EtFOSE-M	42.5		15 - 130	07/09/26 14:19	07/11/26 14:09	1
d5-NEtPFOSA	52.3		10 - 130	07/09/26 14:19	07/11/26 14:09	1
d3-NMePFOSA	63.0		10 - 130	07/09/26 14:19	07/11/26 14:09	1
13C2 PFDoA	61.0		40 - 130	07/09/26 14:19	07/11/26 14:09	1
13C3-PFDoS	54.6		20 - 150	07/09/26 14:19	07/11/26 14:09	1
13C3-3:3 FTCA	91.8		20 - 150	07/09/26 14:19	07/11/26 14:09	1
13C3-5:3 FTCA	87.1		20 - 150	07/09/26 14:19	07/11/26 14:09	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**20600**		11.9	10.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Antimony	ND		17.9	0.63	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Arsenic	**2.7**		2.4	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Barium	**149**		0.60	0.17	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Beryllium	**0.82**		0.24	0.048	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Cadmium	**0.28**		0.24	0.084	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Calcium	**63700**		59.7	32.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Chromium	**24.5**		0.60	0.43	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Cobalt	**11.3**		0.60	0.12	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Copper	**17.5**		1.2	0.68	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Iron	**21800**		11.9	10.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Lead	**10.0**		1.2	0.55	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Magnesium	**26500**		23.9	10.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Manganese	**470**		1.2	0.33	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Nickel	**20.8**		6.0	0.30	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Potassium	**7090**		35.8	28.9	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Selenium	ND		4.8	0.96	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Silver	**0.48**	**J ^5-**	0.72	0.24	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Sodium	**541**		167	73.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Thallium	ND		7.2	0.91	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Vanadium	**38.5**		0.60	0.16	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1
Zinc	**74.7**		2.4	1.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.011**	**J**	0.025	0.0056	mg/Kg	☼	07/08/26 11:56	07/08/26 14:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	F1	1.1	0.51	mg/Kg	☼	07/07/26 13:40	07/07/26 16:43	1

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.96	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
1,1,2-Trichloroethane	ND	vs	5.9	0.77	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.9	3.0	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
1,2-Dichloroethane	ND	vs	5.9	0.30	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
1,2-Dichloropropane	ND	vs	5.9	3.0	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
1,4-Dichlorobenzene	ND	vs	5.9	0.83	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
2-Butanone (MEK)	ND	vs	30	2.2	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	1.9	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Acetone	**6.3**	**J B vs**	30	5.0	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Bromoform	ND	vs	5.9	3.0	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Bromomethane	ND	vs	5.9	0.53	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Carbon disulfide	ND	vs	5.9	3.0	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Chlorobenzene	ND	vs	5.9	0.78	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Dibromochloromethane	ND	vs	5.9	0.76	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Chloroform	**0.79**	**J B vs**	5.9	0.36	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Chloromethane	ND	vs	5.9	0.36	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.76	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Cyclohexane	ND	vs	5.9	0.83	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Bromodichloromethane	ND	vs	5.9	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Dichlorodifluoromethane	ND	vs	5.9	0.49	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Ethylbenzene	ND	vs	5.9	0.41	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
1,2-Dibromoethane	ND	vs	5.9	0.76	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Isopropylbenzene	ND	vs	5.9	0.89	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Methylcyclohexane	ND	vs	5.9	0.90	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Tetrachloroethene	ND	vs	5.9	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Toluene	ND	vs	5.9	0.45	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.61	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
trans-1,3-Dichloropropene	ND	vs	5.9	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Trichlorofluoromethane	ND	vs	5.9	0.56	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Xylenes, Total	ND	vs	12	0.99	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.85	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1
Styrene	ND	vs	5.9	0.30	ug/Kg	☼	07/06/26 18:24	07/07/26 03:54	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:24*	*07/07/26 03:54*	*1*

Client Sample ID: RI-BH-2 1-3'
Date Collected: 07/01/26 12:40
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-8
Matrix: Solid
Percent Solids: 83.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*07/06/26 18:24*	*07/07/26 03:54*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*07/06/26 18:24*	*07/07/26 03:54*	*1*
Toluene-d8 (Surr)	*103*		*71 - 125*	*07/06/26 18:24*	*07/07/26 03:54*	*1*
Dibromofluoromethane (Surr)	*97*		*60 - 140*	*07/06/26 18:24*	*07/07/26 03:54*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
bis (2-chloroisopropyl) ether	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2,4,5-Trichlorophenol	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2,4,6-Trichlorophenol	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2,4-Dichlorophenol	ND		200	39	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2,4-Dimethylphenol	ND		200	42	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2,4-Dinitrophenol	ND		2000	38	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2,6-Dinitrotoluene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2-Chloronaphthalene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
1,4-Dioxane	ND		120	44	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2-Chlorophenol	ND		200	32	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2-Methylphenol	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2-Methylnaphthalene	ND		200	32	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2-Nitroaniline	ND		390	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
2-Nitrophenol	ND		200	23	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
3,3'-Dichlorobenzidine	ND		390	59	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
3-Nitroaniline	ND		390	28	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
4,6-Dinitro-2-methylphenol	ND		390	44	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
4-Bromophenyl phenyl ether	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
4-Chloro-3-methylphenol	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
4-Chloroaniline	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
4-Chlorophenyl phenyl ether	ND		200	42	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
4-Methylphenol	ND		390	36	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
4-Nitroaniline	ND		390	30	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
4-Nitrophenol	ND		390	55	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Acenaphthene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Acenaphthylene	ND		200	39	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Acetophenone	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Anthracene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Atrazine	ND		200	68	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Benzo[a]anthracene	**34**	**J**	200	28	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Benzo[a]pyrene	**40**	**J**	200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Benzo[b]fluoranthene	**60**	**J**	200	27	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Benzo[g,h,i]perylene	**35**	**J**	200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Benzo[k]fluoranthene	ND		200	45	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Bis(2-chloroethoxy)methane	ND		200	39	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Bis(2-chloroethyl)ether	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Bis(2-ethylhexyl) phthalate	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Butyl benzyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Caprolactam	ND		200	47	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Carbazole	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8

Date Collected: 07/01/26 12:40
Matrix: Solid

Date Received: 07/01/26 16:00
Percent Solids: 83.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**49**	**J**	200	48	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Dibenz(a,h)anthracene	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Di-n-butyl phthalate	ND		200	45	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Di-n-octyl phthalate	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Dibenzofuran	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Diethyl phthalate	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Dimethyl phthalate	ND		200	39	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Fluoranthene	**110**	**J**	200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Fluorene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Hexachlorobenzene	ND		200	39	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Hexachlorobutadiene	ND		200	30	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Hexachlorocyclopentadiene	ND		390	88	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Hexachloroethane	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Indeno[1,2,3-cd]pyrene	**31**	**J**	200	30	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Isophorone	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
N-Nitrosodi-n-propylamine	ND		200	45	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
N-Nitrosodiphenylamine	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Naphthalene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Nitrobenzene	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Pentachlorophenol	ND		390	64	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Phenanthrene	**43**	**J**	200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Phenol	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1
Pyrene	**86**	**J**	200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 04:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5300*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/07/26 04:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*89*		*22 - 120*	*07/02/26 13:17*	*07/07/26 04:00*	*1*
Phenol-d5 (Surr)	*87*		*23 - 120*	*07/02/26 13:17*	*07/07/26 04:00*	*1*
p-Terphenyl-d14 (Surr)	*96*		*28 - 124*	*07/02/26 13:17*	*07/07/26 04:00*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 140*	*07/02/26 13:17*	*07/07/26 04:00*	*1*
2-Fluorobiphenyl (Surr)	*89*		*29 - 120*	*07/02/26 13:17*	*07/07/26 04:00*	*1*
2-Fluorophenol (Surr)	*84*		*18 - 120*	*07/02/26 13:17*	*07/07/26 04:00*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		76	15	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
4,4'-DDE	ND		76	16	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
4,4'-DDT	ND		76	18	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
beta-BHC	ND		76	14	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
cis-Chlordane	ND		76	38	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
alpha-BHC	ND		76	14	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
Aldrin	ND		76	19	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
delta-BHC	ND		76	14	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
Dieldrin	ND		76	18	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
Endosulfan I	ND		76	15	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
Endosulfan II	ND		76	14	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
Endosulfan sulfate	ND		76	14	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
Endrin	ND		76	15	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20

Client Sample ID: RI-BH-2 1-3'
Date Collected: 07/01/26 12:40
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-8
Matrix: Solid
Percent Solids: 83.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		76	19	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
Endrin ketone	ND		76	19	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
gamma-BHC (Lindane)	ND		76	14	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
trans-Chlordane	ND		76	24	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
Heptachlor	ND		76	16	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
Heptachlor epoxide	ND		76	20	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
Methoxychlor	ND		76	15	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20
Toxaphene	ND		760	440	ug/Kg	☼	07/06/26 06:47	07/07/26 18:01	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 06:47*	*07/07/26 18:01*	*20*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 06:47*	*07/07/26 18:01*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 06:47*	*07/07/26 18:01*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 06:47*	*07/07/26 18:01*	*20*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.054	mg/Kg	☼	07/06/26 07:04	07/06/26 15:26	1
PCB-1221	ND		0.28	0.054	mg/Kg	☼	07/06/26 07:04	07/06/26 15:26	1
PCB-1232	ND		0.28	0.054	mg/Kg	☼	07/06/26 07:04	07/06/26 15:26	1
PCB-1242	ND		0.28	0.054	mg/Kg	☼	07/06/26 07:04	07/06/26 15:26	1
PCB-1248	ND		0.28	0.054	mg/Kg	☼	07/06/26 07:04	07/06/26 15:26	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	07/06/26 07:04	07/06/26 15:26	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	07/06/26 07:04	07/06/26 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*		*60 - 154*	*07/06/26 07:04*	*07/06/26 15:26*	*1*
Tetrachloro-m-xylene	*107*		*60 - 154*	*07/06/26 07:04*	*07/06/26 15:26*	*1*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*07/06/26 07:04*	*07/06/26 15:26*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*07/06/26 07:04*	*07/06/26 15:26*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	ng/g	☼	07/09/26 14:19	07/11/26 14:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82.6*		*8 - 130*	*07/09/26 14:19*	*07/11/26 14:23*	*1*
13C5 PFPeA	*89.3*		*35 - 130*	*07/09/26 14:19*	*07/11/26 14:23*	*1*
13C5 PFHxA	*92.7*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:23*	*1*
13C4 PFHpA	*89.3*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:23*	*1*
13C8 PFOA	*88.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:23*	*1*
13C9 PFNA	*78.6*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:23*	*1*
13C6 PFDA	*66.9*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:23*	*1*
13C7 PFUnA	*58.8*		*40 - 130*	*07/09/26 14:19*	*07/11/26 14:23*	*1*

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8

Date Collected: 07/01/26 12:40
Matrix: Solid

Date Received: 07/01/26 16:00
Percent Solids: 83.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	47.9		20 - 130	07/09/26 14:19	07/11/26 14:23	1
13C3 PFBS	73.8		40 - 135	07/09/26 14:19	07/11/26 14:23	1
13C3 PFHxS	65.4		40 - 130	07/09/26 14:19	07/11/26 14:23	1
13C8 PFOS	53.8		40 - 130	07/09/26 14:19	07/11/26 14:23	1
13C8 FOSA	68.7		40 - 130	07/09/26 14:19	07/11/26 14:23	1
d3-NMeFOSAA	60.0		40 - 135	07/09/26 14:19	07/11/26 14:23	1
d5-NEtFOSAA	62.3		40 - 150	07/09/26 14:19	07/11/26 14:23	1
13C2 4:2 FTS	79.4		40 - 165	07/09/26 14:19	07/11/26 14:23	1
13C2 6:2 FTS	78.0		40 - 215	07/09/26 14:19	07/11/26 14:23	1
13C2 8:2 FTS	226		40 - 275	07/09/26 14:19	07/11/26 14:23	1
13C3 HFPO-DA	79.6		40 - 130	07/09/26 14:19	07/11/26 14:23	1
d7-N-MeFOSE-M	49.4		20 - 130	07/09/26 14:19	07/11/26 14:23	1
d9-N-EtFOSE-M	46.0		15 - 130	07/09/26 14:19	07/11/26 14:23	1
d5-NEtPFOSA	50.8		10 - 130	07/09/26 14:19	07/11/26 14:23	1
d3-NMePFOSA	60.3		10 - 130	07/09/26 14:19	07/11/26 14:23	1
13C2 PFDoA	56.2		40 - 130	07/09/26 14:19	07/11/26 14:23	1
13C3-PFDoS	54.9		20 - 150	07/09/26 14:19	07/11/26 14:23	1
13C3-3:3 FTCA	80.3		20 - 150	07/09/26 14:19	07/11/26 14:23	1
13C3-5:3 FTCA	79.1		20 - 150	07/09/26 14:19	07/11/26 14:23	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18600**		12.0	10.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Antimony	ND		17.9	0.63	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Arsenic	**3.0**		2.4	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Barium	**124**		0.60	0.17	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Beryllium	**0.72**		0.24	0.048	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Cadmium	**0.31**		0.24	0.084	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Calcium	**79900**		59.8	32.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Chromium	**21.8**		0.60	0.43	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Cobalt	**10.0**		0.60	0.12	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Copper	**14.7**		1.2	0.68	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Iron	**19500**		12.0	10.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Lead	**12.0**		1.2	0.55	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Magnesium	**30600**		23.9	10.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Manganese	**453**		1.2	0.33	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Nickel	**18.7**		6.0	0.30	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Potassium	**6230**		35.9	29.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Selenium	ND		4.8	0.96	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Silver	**0.42**	**J ^5-**	0.72	0.24	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Sodium	**424**		167	73.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Thallium	ND		7.2	0.91	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Vanadium	**32.4**		0.60	0.16	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1
Zinc	**76.7**		2.4	1.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.017**	**J**	0.023	0.0054	mg/Kg	☼	07/08/26 11:56	07/08/26 14:31	1

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	F1	1.1	0.55	mg/Kg	☼	07/09/26 14:02	07/10/26 14:52	1

Client Sample ID: RI-BH-2 8-10
Lab Sample ID: 480-240063-9
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.1

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.93	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,1-Dichloroethane	ND	vs	5.7	0.70	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,2-Dichlorobenzene	ND	vs	5.7	0.45	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,2-Dichloropropane	ND	vs	5.7	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,4-Dichlorobenzene	ND	vs	5.7	0.80	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Acetone	**7.0**	**J B vs**	29	4.8	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Bromoform	ND	vs	5.7	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Carbon disulfide	ND	vs	5.7	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Chloroform	**0.72**	**J B vs**	5.7	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Chloromethane	ND	vs	5.7	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Cyclohexane	ND	vs	5.7	0.80	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Bromodichloromethane	ND	vs	5.7	0.77	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Isopropylbenzene	ND	vs	5.7	0.86	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Methylcyclohexane	ND	vs	5.7	0.87	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Tetrachloroethene	ND	vs	5.7	0.77	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Toluene	ND	vs	5.7	0.43	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1

Client Sample ID: RI-BH-2 8-10
Date Collected: 07/01/26 12:40
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-9
Matrix: Solid
Percent Solids: 85.1

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Vinyl chloride	ND	vs	5.7	0.70	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Xylenes, Total	ND	vs	11	0.96	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1
Styrene	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 04:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:24*	*07/07/26 04:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*07/06/26 18:24*	*07/07/26 04:16*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*07/06/26 18:24*	*07/07/26 04:16*	*1*
Toluene-d8 (Surr)	*103*		*71 - 125*	*07/06/26 18:24*	*07/07/26 04:16*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*07/06/26 18:24*	*07/07/26 04:16*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2,4,5-Trichlorophenol	ND		200	39	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2,4,6-Trichlorophenol	ND		200	30	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2,4-Dichlorophenol	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2,4-Dimethylphenol	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2,4-Dinitrotoluene	ND		200	26	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2,6-Dinitrotoluene	ND		200	28	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2-Chloronaphthalene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
1,4-Dioxane	ND		110	43	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2-Chlorophenol	ND		200	30	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2-Methylphenol	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
2-Nitrophenol	ND		200	22	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
3,3'-Dichlorobenzidine	ND		380	57	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
3-Nitroaniline	ND		380	27	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
4-Bromophenyl phenyl ether	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
4-Chloro-3-methylphenol	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
4-Chloroaniline	ND		200	28	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
4-Chlorophenyl phenyl ether	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
4-Methylphenol	ND		380	35	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
4-Nitroaniline	ND		380	29	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
4-Nitrophenol	ND		380	53	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Acenaphthene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Acenaphthylene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Acetophenone	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Anthracene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Atrazine	ND		200	66	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-2 8-10
Lab Sample ID: 480-240063-9
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		200	27	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Benzo[a]pyrene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Benzo[b]fluoranthene	ND		200	26	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Benzo[g,h,i]perylene	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Benzo[k]fluoranthene	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Bis(2-chloroethoxy)methane	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Bis(2-chloroethyl)ether	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Bis(2-ethylhexyl) phthalate	ND		200	42	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Butyl benzyl phthalate	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Caprolactam	ND		200	45	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Carbazole	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Chrysene	ND		200	47	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Dibenz(a,h)anthracene	ND		200	39	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Di-n-butyl phthalate	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Di-n-octyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Dibenzofuran	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Diethyl phthalate	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Dimethyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Fluoranthene	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Fluorene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Hexachlorobenzene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Hexachlorocyclopentadiene	ND		380	85	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Hexachloroethane	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Indeno[1,2,3-cd]pyrene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Isophorone	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
N-Nitrosodi-n-propylamine	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
N-Nitrosodiphenylamine	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Naphthalene	ND		200	32	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Nitrobenzene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Pentachlorophenol	ND		380	62	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Phenanthrene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Phenol	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1
Pyrene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:24	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6600*	*T J*	*ug/Kg*	☼	*2.00*	*N/A*	*07/02/26 13:17*	*07/07/26 04:24*	*1*
Unknown	*5500*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/07/26 04:24*	*1*
n-Hexadecanoic acid	*190*	*T J N*	*ug/Kg*	☼	*11.55*	*57-10-3*	*07/02/26 13:17*	*07/07/26 04:24*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*93*		*22 - 120*	*07/02/26 13:17*	*07/07/26 04:24*	*1*
Phenol-d5 (Surr)	*94*		*23 - 120*	*07/02/26 13:17*	*07/07/26 04:24*	*1*
p-Terphenyl-d14 (Surr)	*99*		*28 - 124*	*07/02/26 13:17*	*07/07/26 04:24*	*1*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 140*	*07/02/26 13:17*	*07/07/26 04:24*	*1*
2-Fluorobiphenyl (Surr)	*97*		*29 - 120*	*07/02/26 13:17*	*07/07/26 04:24*	*1*
2-Fluorophenol (Surr)	*92*		*18 - 120*	*07/02/26 13:17*	*07/07/26 04:24*	*1*

Client Sample ID: RI-BH-2 8-10
Lab Sample ID: 480-240063-9
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.8	0.74	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
4,4'-DDE	ND		3.8	0.80	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
4,4'-DDT	ND		3.8	0.89	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
beta-BHC	ND		3.8	0.68	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
cis-Chlordane	ND		3.8	1.9	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
alpha-BHC	ND		3.8	0.68	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
Aldrin	ND		3.8	0.93	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
delta-BHC	ND		3.8	0.71	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
Dieldrin	ND		3.8	0.91	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
Endosulfan I	ND		3.8	0.73	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
Endosulfan II	ND		3.8	0.68	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
Endosulfan sulfate	ND		3.8	0.71	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
Endrin	ND		3.8	0.75	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
Endrin aldehyde	ND		3.8	0.97	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
Endrin ketone	ND		3.8	0.93	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
gamma-BHC (Lindane)	ND		3.8	0.70	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
trans-Chlordane	ND		3.8	1.2	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
Heptachlor	ND		3.8	0.82	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
Heptachlor epoxide	ND		3.8	0.98	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
Methoxychlor	ND		3.8	0.77	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1
Toxaphene	ND		38	22	ug/Kg	☼	07/06/26 06:47	07/07/26 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*45 - 120*	*07/06/26 06:47*	*07/07/26 18:21*	*1*
DCB Decachlorobiphenyl	*90*		*45 - 120*	*07/06/26 06:47*	*07/07/26 18:21*	*1*
Tetrachloro-m-xylene	*96*		*30 - 124*	*07/06/26 06:47*	*07/07/26 18:21*	*1*
Tetrachloro-m-xylene	*84*		*30 - 124*	*07/06/26 06:47*	*07/07/26 18:21*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.046	mg/Kg	☼	07/06/26 07:04	07/06/26 15:44	1
PCB-1221	ND		0.23	0.046	mg/Kg	☼	07/06/26 07:04	07/06/26 15:44	1
PCB-1232	ND		0.23	0.046	mg/Kg	☼	07/06/26 07:04	07/06/26 15:44	1
PCB-1242	ND		0.23	0.046	mg/Kg	☼	07/06/26 07:04	07/06/26 15:44	1
PCB-1248	ND		0.23	0.046	mg/Kg	☼	07/06/26 07:04	07/06/26 15:44	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	07/06/26 07:04	07/06/26 15:44	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	07/06/26 07:04	07/06/26 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*60 - 154*	*07/06/26 07:04*	*07/06/26 15:44*	*1*
Tetrachloro-m-xylene	*103*		*60 - 154*	*07/06/26 07:04*	*07/06/26 15:44*	*1*
DCB Decachlorobiphenyl	*90*		*65 - 174*	*07/06/26 07:04*	*07/06/26 15:44*	*1*
DCB Decachlorobiphenyl	*85*		*65 - 174*	*07/06/26 07:04*	*07/06/26 15:44*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1

Client Sample ID: RI-BH-2 8-10
Lab Sample ID: 480-240063-9
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1

Client Sample ID: RI-BH-2 8-10
Date Collected: 07/01/26 12:40
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-9
Matrix: Solid
Percent Solids: 85.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/09/26 14:19	07/11/26 15:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*88.3*		*8 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C5 PFPeA	*101*		*35 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C5 PFHxA	*103*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C4 PFHpA	*103*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C8 PFOA	*90.0*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C9 PFNA	*88.4*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C6 PFDA	*71.9*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C7 PFUnA	*69.8*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C2 PFTeDA	*47.8*		*20 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C3 PFBS	*86.4*		*40 - 135*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C3 PFHxS	*81.8*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C8 PFOS	*74.3*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C8 FOSA	*75.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
d3-NMeFOSAA	*71.0*		*40 - 135*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
d5-NEtFOSAA	*71.6*		*40 - 150*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C2 4:2 FTS	*92.3*		*40 - 165*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C2 6:2 FTS	*92.5*		*40 - 215*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C2 8:2 FTS	*218*		*40 - 275*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C3 HFPO-DA	*86.7*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
d7-N-MeFOSE-M	*42.1*		*20 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
d9-N-EtFOSE-M	*38.7*		*15 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
d5-NEtPFOSA	*51.0*		*10 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
d3-NMePFOSA	*62.2*		*10 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C2 PFDoA	*64.0*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C3-PFDoS	*57.2*		*20 - 150*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C3-3:3 FTCA	*103*		*20 - 150*	*07/09/26 14:19*	*07/11/26 15:03*	*1*
13C3-5:3 FTCA	*99.1*		*20 - 150*	*07/09/26 14:19*	*07/11/26 15:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18000**		11.3	9.7	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Antimony	ND		17.0	0.60	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Arsenic	**4.3**		2.3	0.99	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Barium	**116**		0.57	0.16	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Beryllium	**0.73**		0.23	0.045	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Cadmium	**0.28**		0.23	0.079	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Calcium	**66900**		56.5	30.5	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Chromium	**22.0**		0.57	0.41	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Cobalt	**9.9**		0.57	0.11	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Copper	**16.2**		1.1	0.64	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Iron	**20600**		11.3	9.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Lead	**8.7**		1.1	0.52	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Magnesium	**28600**		22.6	9.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Manganese	**481**		1.1	0.32	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Nickel	**20.5**		5.7	0.28	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1

Client Sample ID: RI-BH-2 8-10

Lab Sample ID: 480-240063-9
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**6030**		33.9	27.4	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Selenium	ND		4.5	0.90	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Silver	**0.41**	**J ^5-**	0.68	0.23	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Sodium	**408**		158	69.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Thallium	ND		6.8	0.86	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Vanadium	**34.9**		0.57	0.15	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1
Zinc	**74.2**		2.3	1.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.012**	**J**	0.023	0.0053	mg/Kg	☼	07/08/26 11:56	07/08/26 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.53	mg/Kg	☼	07/09/26 14:02	07/10/26 14:55	1

Client Sample ID: RI-BH-8 1-3'

Lab Sample ID: 480-240063-10
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 93.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.2	0.38	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,1,2,2-Tetrachloroethane	ND	vs	5.2	0.84	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.2	1.2	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,1,2-Trichloroethane	ND	vs	5.2	0.67	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,1-Dichloroethane	ND	vs	5.2	0.63	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,1-Dichloroethene	ND	vs	5.2	0.64	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,2,4-Trichlorobenzene	ND	vs	5.2	0.32	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.2	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,2-Dichlorobenzene	ND	vs	5.2	0.41	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,2-Dichloroethane	ND	vs	5.2	0.26	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,2-Dichloropropane	ND	vs	5.2	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,3-Dichlorobenzene	ND	vs	5.2	0.27	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,4-Dichlorobenzene	ND	vs	5.2	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
2-Butanone (MEK)	ND	vs	26	1.9	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
2-Hexanone	ND	vs	26	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
4-Methyl-2-pentanone (MIBK)	ND	vs	26	1.7	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Acetone	**8.8**	**J B vs**	26	4.4	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Benzene	ND	vs	5.2	0.25	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Bromoform	ND	vs	5.2	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Bromomethane	ND	vs	5.2	0.47	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Carbon disulfide	ND	vs	5.2	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Carbon tetrachloride	ND	vs	5.2	0.50	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Chlorobenzene	ND	vs	5.2	0.69	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Dibromochloromethane	ND	vs	5.2	0.66	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Chloroethane	ND	vs	5.2	1.2	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Chloroform	**0.74**	**J B vs**	5.2	0.32	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Chloromethane	ND	vs	5.2	0.31	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
cis-1,2-Dichloroethene	ND	vs	5.2	0.66	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1

Client Sample ID: RI-BH-8 1-3'
Lab Sample ID: 480-240063-10
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 93.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND	vs	5.2	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Bromodichloromethane	ND	vs	5.2	0.70	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Dichlorodifluoromethane	ND	vs	5.2	0.43	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Ethylbenzene	ND	vs	5.2	0.36	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
1,2-Dibromoethane	ND	vs	5.2	0.67	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Isopropylbenzene	ND	vs	5.2	0.78	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Methyl acetate	ND	vs	26	3.1	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Methyl tert-butyl ether	ND	vs	5.2	0.51	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Methylcyclohexane	ND	vs	5.2	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Methylene Chloride	ND	vs	5.2	2.4	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Tetrachloroethene	ND	vs	5.2	0.70	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Toluene	**0.42**	**J B vs**	5.2	0.39	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
trans-1,2-Dichloroethene	ND	vs	5.2	0.54	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
trans-1,3-Dichloropropene	ND	vs	5.2	2.3	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Trichloroethene	ND	vs	5.2	1.1	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Trichlorofluoromethane	ND	vs	5.2	0.49	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Vinyl chloride	ND	vs	5.2	0.63	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Xylenes, Total	ND	vs	10	0.87	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
cis-1,3-Dichloropropene	ND	vs	5.2	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1
Styrene	ND	vs	5.2	0.26	ug/Kg	☼	07/06/26 18:24	07/07/26 04:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:24*	*07/07/26 04:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 126*	*07/06/26 18:24*	*07/07/26 04:39*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*07/06/26 18:24*	*07/07/26 04:39*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*07/06/26 18:24*	*07/07/26 04:39*	*1*
Dibromofluoromethane (Surr)	*96*		*60 - 140*	*07/06/26 18:24*	*07/07/26 04:39*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		180	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
bis (2-chloroisopropyl) ether	ND		180	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2,4,5-Trichlorophenol	ND		180	36	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2,4,6-Trichlorophenol	ND		180	27	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2,4-Dichlorophenol	ND		180	35	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2,4-Dimethylphenol	ND		180	38	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2,4-Dinitrophenol	ND		1800	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2,4-Dinitrotoluene	ND		180	24	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2,6-Dinitrotoluene	ND		180	26	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2-Chloronaphthalene	ND		180	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
1,4-Dioxane	ND		110	40	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2-Chlorophenol	ND		180	28	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2-Methylphenol	ND		180	29	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2-Methylnaphthalene	ND		180	28	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2-Nitroaniline	ND		350	31	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
2-Nitrophenol	ND		180	20	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
3,3'-Dichlorobenzidine	ND		350	53	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
3-Nitroaniline	ND		350	25	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1

Client Sample ID: RI-BH-8 1-3'
Lab Sample ID: 480-240063-10
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 93.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		350	39	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
4-Bromophenyl phenyl ether	ND		180	31	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
4-Chloro-3-methylphenol	ND		180	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
4-Chloroaniline	ND		180	26	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
4-Chlorophenyl phenyl ether	ND		180	38	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
4-Methylphenol	ND		350	32	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
4-Nitroaniline	ND		350	26	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
4-Nitrophenol	ND		350	49	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Acenaphthene	ND		180	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Acenaphthylene	ND		180	35	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Acetophenone	ND		180	32	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Anthracene	ND		180	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Atrazine	ND		180	61	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Benzaldehyde	ND		180	140	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Benzo[a]anthracene	ND		180	25	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Benzo[a]pyrene	ND		180	31	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Benzo[b]fluoranthene	ND		180	24	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Benzo[g,h,i]perylene	ND		180	31	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Benzo[k]fluoranthene	ND		180	40	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Bis(2-chloroethoxy)methane	ND		180	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Bis(2-chloroethyl)ether	ND		180	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Bis(2-ethylhexyl) phthalate	**230**	**B**	180	39	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Butyl benzyl phthalate	ND		180	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Caprolactam	ND		180	42	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Carbazole	ND		180	35	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Chrysene	ND		180	43	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Dibenz(a,h)anthracene	ND		180	36	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Di-n-butyl phthalate	**50**	**J**	180	40	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Di-n-octyl phthalate	**98**	**J**	180	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Dibenzofuran	ND		180	32	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Diethyl phthalate	ND		180	32	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Dimethyl phthalate	ND		180	35	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Fluoranthene	ND		180	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Fluorene	ND		180	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Hexachlorobenzene	ND		180	35	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Hexachlorobutadiene	ND		180	27	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Hexachlorocyclopentadiene	ND		350	79	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Hexachloroethane	ND		180	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Indeno[1,2,3-cd]pyrene	ND		180	27	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Isophorone	ND		180	37	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
N-Nitrosodi-n-propylamine	ND		180	40	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
N-Nitrosodiphenylamine	ND		180	30	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Naphthalene	ND		180	30	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Nitrobenzene	ND		180	30	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Pentachlorophenol	ND		350	57	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Phenanthrene	ND		180	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Phenol	ND		180	33	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1
Pyrene	ND		180	34	ug/Kg	☼	07/02/26 13:17	07/07/26 04:48	1

Client Sample ID: RI-BH-8 1-3'
Date Collected: 07/01/26 10:45
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-10
Matrix: Solid
Percent Solids: 93.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	5700	T J	ug/Kg	☼	2.00	N/A	07/02/26 13:17	07/07/26 04:48	1
Unknown	4800	T J	ug/Kg	☼	3.49	N/A	07/02/26 13:17	07/07/26 04:48	1
Unknown	260	T J	ug/Kg	☼	11.01	N/A	07/02/26 13:17	07/07/26 04:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	89		22 - 120	07/02/26 13:17	07/07/26 04:48	1
Phenol-d5 (Surr)	90		23 - 120	07/02/26 13:17	07/07/26 04:48	1
p-Terphenyl-d14 (Surr)	99		28 - 124	07/02/26 13:17	07/07/26 04:48	1
2,4,6-Tribromophenol (Surr)	95		10 - 140	07/02/26 13:17	07/07/26 04:48	1
2-Fluorobiphenyl (Surr)	93		29 - 120	07/02/26 13:17	07/07/26 04:48	1
2-Fluorophenol (Surr)	88		18 - 120	07/02/26 13:17	07/07/26 04:48	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.4	0.66	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
4,4'-DDE	ND		3.4	0.71	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
4,4'-DDT	ND		3.4	0.79	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
beta-BHC	ND		3.4	0.61	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
cis-Chlordane	ND		3.4	1.7	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
alpha-BHC	ND		3.4	0.61	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
Aldrin	ND		3.4	0.83	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
delta-BHC	ND		3.4	0.63	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
Dieldrin	ND		3.4	0.81	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
Endosulfan I	ND		3.4	0.65	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
Endosulfan II	ND		3.4	0.61	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
Endosulfan sulfate	ND		3.4	0.63	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
Endrin	ND		3.4	0.67	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
Endrin aldehyde	ND		3.4	0.86	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
Endrin ketone	ND		3.4	0.83	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
gamma-BHC (Lindane)	ND		3.4	0.62	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
trans-Chlordane	ND		3.4	1.1	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
Heptachlor	ND		3.4	0.73	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
Heptachlor epoxide	ND		3.4	0.87	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
Methoxychlor	ND		3.4	0.69	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1
Toxaphene	ND		34	20	ug/Kg	☼	07/06/26 06:47	07/07/26 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		45 - 120	07/06/26 06:47	07/07/26 18:40	1
DCB Decachlorobiphenyl	94		45 - 120	07/06/26 06:47	07/07/26 18:40	1
Tetrachloro-m-xylene	93		30 - 124	07/06/26 06:47	07/07/26 18:40	1
Tetrachloro-m-xylene	78		30 - 124	07/06/26 06:47	07/07/26 18:40	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	☼	07/06/26 07:04	07/06/26 16:03	1
PCB-1221	ND		0.23	0.045	mg/Kg	☼	07/06/26 07:04	07/06/26 16:03	1
PCB-1232	ND		0.23	0.045	mg/Kg	☼	07/06/26 07:04	07/06/26 16:03	1
PCB-1242	ND		0.23	0.045	mg/Kg	☼	07/06/26 07:04	07/06/26 16:03	1
PCB-1248	ND		0.23	0.045	mg/Kg	☼	07/06/26 07:04	07/06/26 16:03	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	07/06/26 07:04	07/06/26 16:03	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	07/06/26 07:04	07/06/26 16:03	1

Client Sample ID: RI-BH-8 1-3'
Lab Sample ID: 480-240063-10
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 93.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*60 - 154*	*07/06/26 07:04*	*07/06/26 16:03*	*1*
Tetrachloro-m-xylene	*109*		*60 - 154*	*07/06/26 07:04*	*07/06/26 16:03*	*1*
DCB Decachlorobiphenyl	*99*		*65 - 174*	*07/06/26 07:04*	*07/06/26 16:03*	*1*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*07/06/26 07:04*	*07/06/26 16:03*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorooctanoic acid (PFOA)	**0.088**	**J**	0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1

Client Sample ID: RI-BH-8 1-3'
Lab Sample ID: 480-240063-10
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 93.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	ng/g	☼	07/09/26 14:19	07/11/26 15:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*76.6*		*8 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C5 PFPeA	*84.4*		*35 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C5 PFHxA	*81.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C4 PFHpA	*74.4*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C8 PFOA	*64.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C9 PFNA	*55.8*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C6 PFDA	*40.7*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C7 PFUnA	*23.4*	*5-	*40 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C2 PFTeDA	*35.4*		*20 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C3 PFBS	*62.4*		*40 - 135*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C3 PFHxS	*41.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C8 PFOS	*14.4*	*5-	*40 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C8 FOSA	*53.6*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
d3-NMeFOSAA	*45.8*		*40 - 135*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
d5-NEtFOSAA	*46.6*		*40 - 150*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C2 4:2 FTS	*101*		*40 - 165*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C2 6:2 FTS	*79.9*		*40 - 215*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C2 8:2 FTS	*149*		*40 - 275*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C3 HFPO-DA	*74.4*		*40 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
d7-N-MeFOSE-M	*42.9*		*20 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
d9-N-EtFOSE-M	*40.4*		*15 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
d5-NEtPFOSA	*38.7*		*10 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
d3-NMePFOSA	*46.4*		*10 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C2 PFDoA	*17.6*	*5-	*40 - 130*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C3-PFDoS	*32.7*		*20 - 150*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C3-3:3 FTCA	*81.9*		*20 - 150*	*07/09/26 14:19*	*07/11/26 15:17*	*1*
13C3-5:3 FTCA	*75.0*		*20 - 150*	*07/09/26 14:19*	*07/11/26 15:17*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5820**	**F2**	10.8	9.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Antimony	ND		16.1	0.57	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Arsenic	**22.5**		2.2	0.95	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Barium	**284**	**F1**	0.54	0.15	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1

Client Sample ID: RI-BH-8 1-3'
Lab Sample ID: 480-240063-10
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 93.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.31		0.22	0.043	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Cadmium	1.6		0.22	0.075	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Calcium	48500		53.8	29.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Chromium	18.5		0.54	0.39	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Cobalt	4.6		0.54	0.11	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Copper	51.5		1.1	0.61	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Iron	14400	F2	10.8	9.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Lead	1940		1.1	0.49	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Magnesium	6230	F1	21.5	9.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Manganese	279	F2 F1	1.1	0.30	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Nickel	12.2		5.4	0.27	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Potassium	1410	F1	32.3	26.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Selenium	0.95	J	4.3	0.86	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Silver	1.1	^5-	0.65	0.22	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Sodium	307		151	65.9	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Thallium	ND		6.5	0.82	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Vanadium	21.2		0.54	0.14	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1
Zinc	802		2.2	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.9		0.11	0.025	mg/Kg	☼	07/08/26 11:56	07/08/26 17:09	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.51	mg/Kg	☼	07/09/26 14:02	07/10/26 14:56	1

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.95	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,1,2-Trichloroethane	ND	vs	5.9	0.76	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,1-Dichloroethane	ND	vs	5.9	0.71	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.9	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,2-Dichloroethane	ND	vs	5.9	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,2-Dichloropropane	ND	vs	5.9	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,4-Dichlorobenzene	ND	vs	5.9	0.82	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Acetone	8.4	J B vs	29	4.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Bromoform	ND	vs	5.9	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Bromomethane	ND	vs	5.9	0.53	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Carbon disulfide	ND	vs	5.9	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Chlorobenzene	ND	vs	5.9	0.77	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Dibromochloromethane	ND	vs	5.9	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Chloroform	**0.83**	**J B vs**	5.9	0.36	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Chloromethane	ND	vs	5.9	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Cyclohexane	ND	vs	5.9	0.82	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Bromodichloromethane	ND	vs	5.9	0.78	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Dichlorodifluoromethane	ND	vs	5.9	0.48	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Ethylbenzene	ND	vs	5.9	0.40	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
1,2-Dibromoethane	ND	vs	5.9	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Isopropylbenzene	ND	vs	5.9	0.88	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Methylcyclohexane	ND	vs	5.9	0.89	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Tetrachloroethene	ND	vs	5.9	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Toluene	ND	vs	5.9	0.44	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.60	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
trans-1,3-Dichloropropene	ND	vs	5.9	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Trichlorofluoromethane	ND	vs	5.9	0.55	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Vinyl chloride	ND	vs	5.9	0.71	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Xylenes, Total	ND	vs	12	0.98	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.84	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1
Styrene	ND	vs	5.9	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 05:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:24*	*07/07/26 05:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*07/06/26 18:24*	*07/07/26 05:02*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*	*07/06/26 18:24*	*07/07/26 05:02*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*07/06/26 18:24*	*07/07/26 05:02*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*07/06/26 18:24*	*07/07/26 05:02*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
2,4,5-Trichlorophenol	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
2,4,6-Trichlorophenol	ND		200	30	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
2,4-Dichlorophenol	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
2,4-Dimethylphenol	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
2,6-Dinitrotoluene	ND		200	28	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
2-Chloronaphthalene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
1,4-Dioxane	ND		120	43	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
2-Chlorophenol	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
2-Methylphenol	ND		200	32	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
2-Nitrophenol	ND		200	22	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
3,3'-Dichlorobenzidine	ND		380	57	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
3-Nitroaniline	ND		380	28	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
4-Bromophenyl phenyl ether	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
4-Chloro-3-methylphenol	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
4-Chloroaniline	ND		200	28	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
4-Chlorophenyl phenyl ether	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
4-Methylphenol	ND		380	35	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
4-Nitroaniline	ND		380	29	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
4-Nitrophenol	ND		380	54	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Acenaphthene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Acenaphthylene	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Acetophenone	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Anthracene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Atrazine	ND		200	66	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Benzo[a]anthracene	ND		200	27	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Benzo[a]pyrene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Benzo[b]fluoranthene	ND		200	26	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Benzo[g,h,i]perylene	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Benzo[k]fluoranthene	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Bis(2-chloroethoxy)methane	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Bis(2-chloroethyl)ether	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Bis(2-ethylhexyl) phthalate	ND		200	43	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Butyl benzyl phthalate	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Caprolactam	ND		200	45	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Carbazole	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Chrysene	ND		200	47	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Dibenz(a,h)anthracene	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Di-n-butyl phthalate	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Di-n-octyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Dibenzofuran	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Diethyl phthalate	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Dimethyl phthalate	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Fluoranthene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Fluorene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Hexachlorobenzene	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Hexachlorocyclopentadiene	ND		380	86	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Hexachloroethane	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Isophorone	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
N-Nitrosodi-n-propylamine	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
N-Nitrosodiphenylamine	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Naphthalene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Nitrobenzene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Pentachlorophenol	ND		380	62	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Phenanthrene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Phenol	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1
Pyrene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5100*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/07/26 05:11*	*1*
n-Hexadecanoic acid	*180*	*T J N*	*ug/Kg*	☼	*11.55*	*57-10-3*	*07/02/26 13:17*	*07/07/26 05:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*88*		*22 - 120*	*07/02/26 13:17*	*07/07/26 05:11*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*07/02/26 13:17*	*07/07/26 05:11*	*1*
p-Terphenyl-d14 (Surr)	*96*		*28 - 124*	*07/02/26 13:17*	*07/07/26 05:11*	*1*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 140*	*07/02/26 13:17*	*07/07/26 05:11*	*1*
2-Fluorobiphenyl (Surr)	*91*		*29 - 120*	*07/02/26 13:17*	*07/07/26 05:11*	*1*
2-Fluorophenol (Surr)	*83*		*18 - 120*	*07/02/26 13:17*	*07/07/26 05:11*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.9	0.76	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
4,4'-DDE	ND		3.9	0.82	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
4,4'-DDT	ND		3.9	0.91	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
beta-BHC	ND		3.9	0.70	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
cis-Chlordane	ND		3.9	1.9	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
alpha-BHC	ND		3.9	0.70	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
Aldrin	ND		3.9	0.96	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
delta-BHC	ND		3.9	0.72	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
Dieldrin	ND		3.9	0.93	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
Endosulfan I	ND		3.9	0.75	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
Endosulfan II	ND		3.9	0.70	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
Endosulfan sulfate	ND		3.9	0.73	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
Endrin	ND		3.9	0.77	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
Endrin aldehyde	ND		3.9	0.99	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
Endrin ketone	ND		3.9	0.96	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
gamma-BHC (Lindane)	ND		3.9	0.71	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
trans-Chlordane	ND		3.9	1.2	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
Heptachlor	ND		3.9	0.84	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
Heptachlor epoxide	ND		3.9	1.0	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
Methoxychlor	ND		3.9	0.79	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1
Toxaphene	ND		39	23	ug/Kg	☼	07/06/26 06:47	07/07/26 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*45 - 120*	*07/06/26 06:47*	*07/07/26 19:00*	*1*
DCB Decachlorobiphenyl	*81*		*45 - 120*	*07/06/26 06:47*	*07/07/26 19:00*	*1*

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11

Date Collected: 07/01/26 10:45
Matrix: Solid

Date Received: 07/01/26 16:00
Percent Solids: 85.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*30 - 124*	*07/06/26 06:47*	*07/07/26 19:00*	*1*
Tetrachloro-m-xylene	*69*		*30 - 124*	*07/06/26 06:47*	*07/07/26 19:00*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	07/06/26 07:04	07/06/26 16:21	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	07/06/26 07:04	07/06/26 16:21	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	07/06/26 07:04	07/06/26 16:21	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	07/06/26 07:04	07/06/26 16:21	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	07/06/26 07:04	07/06/26 16:21	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	07/06/26 07:04	07/06/26 16:21	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	07/06/26 07:04	07/06/26 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*60 - 154*	*07/06/26 07:04*	*07/06/26 16:21*	*1*
Tetrachloro-m-xylene	*100*		*60 - 154*	*07/06/26 07:04*	*07/06/26 16:21*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*07/06/26 07:04*	*07/06/26 16:21*	*1*
DCB Decachlorobiphenyl	*84*		*65 - 174*	*07/06/26 07:04*	*07/06/26 16:21*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	ng/g	☼	07/14/26 07:54	07/18/26 14:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*80.3*		*8 - 130*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C5 PFPeA	*76.5*		*35 - 130*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C5 PFHxA	*84.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C4 PFHpA	*74.3*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C8 PFOA	*78.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C9 PFNA	*76.3*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C6 PFDA	*79.5*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C7 PFUnA	*76.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C2 PFTeDA	*60.6*		*20 - 130*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C3 PFBS	*76.3*		*40 - 135*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C3 PFHxS	*75.7*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C8 PFOS	*67.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C8 FOSA	*74.5*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
d3-NMeFOSAA	*61.7*		*40 - 135*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
d5-NEtFOSAA	*58.1*		*40 - 150*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C2 4:2 FTS	*82.6*		*40 - 165*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C2 6:2 FTS	*90.7*		*40 - 215*	*07/14/26 07:54*	*07/18/26 14:26*	*1*
13C2 8:2 FTS	*176*		*40 - 275*	*07/14/26 07:54*	*07/18/26 14:26*	*1*

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	83.0		40 - 130	07/14/26 07:54	07/18/26 14:26	1
d7-N-MeFOSE-M	46.8		20 - 130	07/14/26 07:54	07/18/26 14:26	1
d9-N-EtFOSE-M	44.3		15 - 130	07/14/26 07:54	07/18/26 14:26	1
d5-NEtPFOSA	48.1		10 - 130	07/14/26 07:54	07/18/26 14:26	1
d3-NMePFOSA	59.8		10 - 130	07/14/26 07:54	07/18/26 14:26	1
13C2 PFDoA	67.9		40 - 130	07/14/26 07:54	07/18/26 14:26	1
13C3-PFDoS	57.9		20 - 150	07/14/26 07:54	07/18/26 14:26	1
13C3-3:3 FTCA	89.0		20 - 150	07/14/26 07:54	07/18/26 14:26	1
13C3-5:3 FTCA	94.3		20 - 150	07/14/26 07:54	07/18/26 14:26	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**20900**		11.4	9.8	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Antimony	ND		17.0	0.60	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Arsenic	**4.2**		2.3	1.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Barium	**102**		0.57	0.16	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Beryllium	**0.87**		0.23	0.045	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Cadmium	**0.25**		0.23	0.079	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Calcium	**45800**		56.8	30.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Chromium	**26.0**		0.57	0.41	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Cobalt	**14.8**		0.57	0.11	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Copper	**19.5**		1.1	0.65	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Iron	**24300**		11.4	9.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Lead	**6.3**		1.1	0.52	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Magnesium	**21000**		22.7	9.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Manganese	**401**		1.1	0.32	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Nickel	**24.8**		5.7	0.28	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Potassium	**6680**		34.1	27.5	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Selenium	ND		4.5	0.91	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Silver	**0.44**	**J ^5-**	0.68	0.23	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Sodium	**460**		159	69.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Thallium	ND		6.8	0.86	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Vanadium	**40.1**		0.57	0.15	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1
Zinc	**90.1**		2.3	1.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.013**	**J**	0.024	0.0055	mg/Kg	☼	07/08/26 11:56	07/08/26 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.51	mg/Kg	☼	07/09/26 14:02	07/10/26 14:59	1

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 81.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.0	0.44	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
1,1,2,2-Tetrachloroethane	ND	vs	6.0	0.97	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 81.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.0	1.4	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
1,1,2-Trichloroethane	ND	vs	6.0	0.78	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
1,1-Dichloroethane	ND	vs	6.0	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
1,1-Dichloroethene	ND	vs	6.0	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
1,2,4-Trichlorobenzene	ND	vs	6.0	0.36	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.0	3.0	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
1,2-Dichlorobenzene	ND	vs	6.0	0.47	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
1,2-Dichloroethane	ND	vs	6.0	0.30	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
1,2-Dichloropropane	ND	vs	6.0	3.0	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
1,3-Dichlorobenzene	ND	vs	6.0	0.31	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
1,4-Dichlorobenzene	ND	vs	6.0	0.84	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
2-Butanone (MEK)	ND	vs	30	2.2	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	2.0	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Acetone	**7.0**	**J vs B**	30	5.1	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Benzene	ND	vs	6.0	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Bromoform	ND	vs	6.0	3.0	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Bromomethane	ND	vs	6.0	0.54	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Carbon disulfide	ND	vs	6.0	3.0	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Carbon tetrachloride	ND	vs	6.0	0.58	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Chlorobenzene	ND	vs	6.0	0.79	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Dibromochloromethane	ND	vs	6.0	0.77	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Chloroethane	ND	vs	6.0	1.4	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Chloroform	**0.86**	**J vs B**	6.0	0.37	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Chloromethane	ND	vs	6.0	0.36	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
cis-1,2-Dichloroethene	ND	vs	6.0	0.77	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Cyclohexane	ND	vs	6.0	0.84	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Bromodichloromethane	ND	vs	6.0	0.80	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Dichlorodifluoromethane	ND	vs	6.0	0.50	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Ethylbenzene	ND	vs	6.0	0.41	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
1,2-Dibromoethane	ND	vs	6.0	0.77	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Isopropylbenzene	ND	vs	6.0	0.91	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Methyl tert-butyl ether	ND	vs	6.0	0.59	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Methylcyclohexane	ND	vs	6.0	0.91	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Methylene Chloride	ND	vs	6.0	2.8	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Tetrachloroethene	ND	vs	6.0	0.81	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Toluene	ND	vs	6.0	0.45	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
trans-1,2-Dichloroethene	ND	vs	6.0	0.62	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
trans-1,3-Dichloropropene	ND	vs	6.0	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Trichloroethene	ND	vs	6.0	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Trichlorofluoromethane	ND	vs	6.0	0.57	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Vinyl chloride	ND	vs	6.0	0.73	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
cis-1,3-Dichloropropene	ND	vs	6.0	0.86	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1
Styrene	ND	vs	6.0	0.30	ug/Kg	☼	07/06/26 18:24	07/07/26 05:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:24*	*07/07/26 05:25*	*1*

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 81.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*07/06/26 18:24*	*07/07/26 05:25*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*07/06/26 18:24*	*07/07/26 05:25*	*1*
Toluene-d8 (Surr)	*107*		*71 - 125*	*07/06/26 18:24*	*07/07/26 05:25*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*07/06/26 18:24*	*07/07/26 05:25*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
bis (2-chloroisopropyl) ether	ND		1000	210	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2,4,5-Trichlorophenol	ND		1000	210	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2,4,6-Trichlorophenol	ND		1000	160	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2,4-Dichlorophenol	ND		1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2,4-Dimethylphenol	ND		1000	220	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2,4-Dinitrophenol	ND		10000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2,4-Dinitrotoluene	ND		1000	140	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2,6-Dinitrotoluene	ND		1000	150	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2-Chloronaphthalene	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
1,4-Dioxane	ND		610	230	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2-Chlorophenol	ND		1000	160	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2-Methylphenol	ND		1000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2-Methylnaphthalene	ND		1000	160	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2-Nitroaniline	ND		2000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
2-Nitrophenol	ND		1000	120	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
3,3'-Dichlorobenzidine	ND		2000	300	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
3-Nitroaniline	ND		2000	150	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
4,6-Dinitro-2-methylphenol	ND		2000	230	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
4-Bromophenyl phenyl ether	ND		1000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
4-Chloro-3-methylphenol	ND		1000	210	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
4-Chloroaniline	ND		1000	150	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
4-Chlorophenyl phenyl ether	ND		1000	220	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
4-Methylphenol	ND		2000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
4-Nitroaniline	ND		2000	150	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
4-Nitrophenol	ND		2000	280	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Acenaphthene	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Acenaphthylene	ND		1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Acetophenone	ND		1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Anthracene	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Atrazine	ND		1000	350	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Benzaldehyde	ND		1000	780	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Benzo[a]anthracene	**420**	**J**	1000	140	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Benzo[a]pyrene	**390**	**J**	1000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Benzo[b]fluoranthene	**490**	**J**	1000	140	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Benzo[g,h,i]perylene	**250**	**J**	1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Benzo[k]fluoranthene	ND		1000	230	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Bis(2-chloroethoxy)methane	ND		1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Bis(2-chloroethyl)ether	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Bis(2-ethylhexyl) phthalate	ND		1000	220	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Butyl benzyl phthalate	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Caprolactam	ND		1000	240	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Carbazole	ND		1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 81.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**460**	**J**	1000	250	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Dibenz(a,h)anthracene	ND		1000	210	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Di-n-butyl phthalate	ND		1000	230	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Di-n-octyl phthalate	ND		1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Dibenzofuran	ND		1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Diethyl phthalate	ND		1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Dimethyl phthalate	ND		1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Fluoranthene	**1100**		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Fluorene	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Hexachlorobenzene	ND		1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Hexachlorobutadiene	ND		1000	150	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Hexachlorocyclopentadiene	ND		2000	450	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Hexachloroethane	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Indeno[1,2,3-cd]pyrene	**240**	**J**	1000	150	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Isophorone	ND		1000	210	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
N-Nitrosodi-n-propylamine	ND		1000	230	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
N-Nitrosodiphenylamine	ND		1000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Naphthalene	ND		1000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Nitrobenzene	ND		1000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Pentachlorophenol	ND		2000	330	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Phenanthrene	**790**	**J**	1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Phenol	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5
Pyrene	**760**	**J**	1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 05:35	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6700*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/07/26 05:35*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*87*		*22 - 120*	*07/02/26 13:17*	*07/07/26 05:35*	*5*
Phenol-d5 (Surr)	*84*		*23 - 120*	*07/02/26 13:17*	*07/07/26 05:35*	*5*
p-Terphenyl-d14 (Surr)	*84*		*28 - 124*	*07/02/26 13:17*	*07/07/26 05:35*	*5*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 140*	*07/02/26 13:17*	*07/07/26 05:35*	*5*
2-Fluorobiphenyl (Surr)	*86*		*29 - 120*	*07/02/26 13:17*	*07/07/26 05:35*	*5*
2-Fluorophenol (Surr)	*86*		*18 - 120*	*07/02/26 13:17*	*07/07/26 05:35*	*5*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**7.1**	**J**	20	3.9	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
4,4'-DDE	ND		20	4.2	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
4,4'-DDT	ND		20	4.7	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
beta-BHC	ND		20	3.6	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
cis-Chlordane	ND		20	10	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
alpha-BHC	ND		20	3.6	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
Aldrin	ND		20	4.9	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
delta-BHC	ND		20	3.7	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
Dieldrin	ND		20	4.8	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
Endosulfan I	ND		20	3.9	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
Endosulfan II	ND		20	3.6	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
Endosulfan sulfate	ND		20	3.7	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
Endrin	ND		20	4.0	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 81.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		20	5.1	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
Endrin ketone	ND		20	4.9	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
gamma-BHC (Lindane)	ND		20	3.7	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
trans-Chlordane	ND		20	6.4	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
Heptachlor	ND		20	4.3	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
Heptachlor epoxide	ND		20	5.2	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
Methoxychlor	**5.6**	**J**	20	4.1	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5
Toxaphene	ND		200	120	ug/Kg	☼	07/06/26 06:47	07/07/26 19:20	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*45 - 120*	*07/06/26 06:47*	*07/07/26 19:20*	*5*
DCB Decachlorobiphenyl	*170*	*S1+*	*45 - 120*	*07/06/26 06:47*	*07/07/26 19:20*	*5*
Tetrachloro-m-xylene	*91*		*30 - 124*	*07/06/26 06:47*	*07/07/26 19:20*	*5*
Tetrachloro-m-xylene	*76*		*30 - 124*	*07/06/26 06:47*	*07/07/26 19:20*	*5*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.053	mg/Kg	☼	07/06/26 07:04	07/06/26 16:40	1
PCB-1221	ND		0.27	0.053	mg/Kg	☼	07/06/26 07:04	07/06/26 16:40	1
PCB-1232	ND		0.27	0.053	mg/Kg	☼	07/06/26 07:04	07/06/26 16:40	1
PCB-1242	ND		0.27	0.053	mg/Kg	☼	07/06/26 07:04	07/06/26 16:40	1
PCB-1248	ND		0.27	0.053	mg/Kg	☼	07/06/26 07:04	07/06/26 16:40	1
PCB-1254	ND		0.27	0.13	mg/Kg	☼	07/06/26 07:04	07/06/26 16:40	1
PCB-1260	ND		0.27	0.13	mg/Kg	☼	07/06/26 07:04	07/06/26 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*60 - 154*	*07/06/26 07:04*	*07/06/26 16:40*	*1*
Tetrachloro-m-xylene	*96*		*60 - 154*	*07/06/26 07:04*	*07/06/26 16:40*	*1*
DCB Decachlorobiphenyl	*89*		*65 - 174*	*07/06/26 07:04*	*07/06/26 16:40*	*1*
DCB Decachlorobiphenyl	*73*		*65 - 174*	*07/06/26 07:04*	*07/06/26 16:40*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 81.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/14/26 07:54	07/18/26 14:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*80.0*		*8 - 130*	*07/14/26 07:54*	*07/18/26 14:40*	*1*
13C5 PFPeA	*81.3*		*35 - 130*	*07/14/26 07:54*	*07/18/26 14:40*	*1*
13C5 PFHxA	*82.1*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:40*	*1*
13C4 PFHpA	*79.6*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:40*	*1*
13C8 PFOA	*75.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:40*	*1*
13C9 PFNA	*70.0*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:40*	*1*
13C6 PFDA	*70.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:40*	*1*
13C7 PFUnA	*74.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:40*	*1*

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 81.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	53.9		20 - 130	07/14/26 07:54	07/18/26 14:40	1
13C3 PFBS	77.4		40 - 135	07/14/26 07:54	07/18/26 14:40	1
13C3 PFHxS	72.2		40 - 130	07/14/26 07:54	07/18/26 14:40	1
13C8 PFOS	60.6		40 - 130	07/14/26 07:54	07/18/26 14:40	1
13C8 FOSA	68.2		40 - 130	07/14/26 07:54	07/18/26 14:40	1
d3-NMeFOSAA	58.1		40 - 135	07/14/26 07:54	07/18/26 14:40	1
d5-NEtFOSAA	52.5		40 - 150	07/14/26 07:54	07/18/26 14:40	1
13C2 4:2 FTS	80.2		40 - 165	07/14/26 07:54	07/18/26 14:40	1
13C2 6:2 FTS	95.1		40 - 215	07/14/26 07:54	07/18/26 14:40	1
13C2 8:2 FTS	170		40 - 275	07/14/26 07:54	07/18/26 14:40	1
13C3 HFPO-DA	88.1		40 - 130	07/14/26 07:54	07/18/26 14:40	1
d7-N-MeFOSE-M	47.7		20 - 130	07/14/26 07:54	07/18/26 14:40	1
d9-N-EtFOSE-M	47.7		15 - 130	07/14/26 07:54	07/18/26 14:40	1
d5-NEtPFOSA	45.2		10 - 130	07/14/26 07:54	07/18/26 14:40	1
d3-NMePFOSA	58.4		10 - 130	07/14/26 07:54	07/18/26 14:40	1
13C2 PFDoA	59.8		40 - 130	07/14/26 07:54	07/18/26 14:40	1
13C3-PFDoS	52.5		20 - 150	07/14/26 07:54	07/18/26 14:40	1
13C3-3:3 FTCA	89.8		20 - 150	07/14/26 07:54	07/18/26 14:40	1
13C3-5:3 FTCA	97.3		20 - 150	07/14/26 07:54	07/18/26 14:40	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15000**		13.0	11.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Antimony	ND		19.5	0.69	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Arsenic	**3.5**		2.6	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Barium	**76.3**		0.65	0.18	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Beryllium	**0.59**		0.26	0.052	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Cadmium	**0.21**	**J**	0.26	0.091	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Calcium	**13300**		64.9	35.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Chromium	**18.7**		0.65	0.47	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Cobalt	**7.8**		0.65	0.13	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Copper	**14.0**		1.3	0.74	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Iron	**16700**		13.0	11.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Lead	**78.8**		1.3	0.60	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Magnesium	**6800**		26.0	11.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Manganese	**241**		1.3	0.36	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Nickel	**17.0**		6.5	0.32	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Potassium	**3040**		38.9	31.5	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Selenium	ND		5.2	1.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Silver	**0.37**	**J ^5-**	0.78	0.26	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Sodium	**152**	**J**	182	79.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Thallium	ND		7.8	0.99	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Vanadium	**30.9**		0.65	0.17	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1
Zinc	**108**		2.6	1.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.19**		0.024	0.0055	mg/Kg	☼	07/08/26 11:56	07/08/26 14:43	1

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 81.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.2	0.58	mg/Kg	☼	07/09/26 14:02	07/10/26 14:59	1

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.8	0.42	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,1,2,2-Tetrachloroethane	ND	F1 vs	5.8	0.94	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,1,2-Trichloroethane	ND	F1 vs	5.8	0.75	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,1-Dichloroethane	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,1-Dichloroethene	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,2,4-Trichlorobenzene	ND	F1 vs	5.8	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,2-Dibromo-3-Chloropropane	ND	F1 vs	5.8	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,2-Dichlorobenzene	ND	F1 vs	5.8	0.45	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,2-Dichloroethane	ND	F1 vs	5.8	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,2-Dichloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,3-Dichlorobenzene	ND	F1 vs	5.8	0.30	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,4-Dichlorobenzene	ND	F1 vs	5.8	0.81	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
2-Butanone (MEK)	ND	F1 vs	29	2.1	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
2-Hexanone	ND	F1 vs	29	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	29	1.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Acetone	**16**	**J B F1 vs**	29	4.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Benzene	ND	F1 vs	5.8	0.28	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Bromoform	ND	F1 vs	5.8	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Bromomethane	ND	vs	5.8	0.52	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Carbon disulfide	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Carbon tetrachloride	ND	vs	5.8	0.56	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Chlorobenzene	ND	F1 vs	5.8	0.77	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Dibromochloromethane	ND	F1 vs	5.8	0.74	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Chloroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Chloroform	**0.68**	**J B F1 vs**	5.8	0.36	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Chloromethane	ND	vs	5.8	0.35	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
cis-1,2-Dichloroethene	ND	F1 vs	5.8	0.74	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Cyclohexane	ND	F1 vs	5.8	0.81	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Bromodichloromethane	ND	F1 vs	5.8	0.78	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Dichlorodifluoromethane	ND	vs	5.8	0.48	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Ethylbenzene	ND	F1 vs	5.8	0.40	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
1,2-Dibromoethane	ND	F1 vs	5.8	0.74	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Isopropylbenzene	ND	vs	5.8	0.87	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Methyl acetate	ND	F1 vs	29	3.5	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Methyl tert-butyl ether	ND	vs	5.8	0.57	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Methylcyclohexane	ND	F1 vs	5.8	0.88	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Methylene Chloride	ND	vs	5.8	2.7	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Tetrachloroethene	ND	F1 vs	5.8	0.78	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Toluene	ND	F1 vs	5.8	0.44	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
trans-1,2-Dichloroethene	ND	F1 vs	5.8	0.60	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
trans-1,3-Dichloropropene	ND	F1 vs	5.8	2.6	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1

Client Sample ID: RI-BH-12 8-10
Date Collected: 07/01/26 10:00
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-13
Matrix: Solid
Percent Solids: 85.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	F1 vs	5.8	1.3	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Trichlorofluoromethane	ND	vs	5.8	0.55	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Vinyl chloride	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Xylenes, Total	ND	F1 vs	12	0.97	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
cis-1,3-Dichloropropene	ND	F1 vs	5.8	0.83	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1
Styrene	ND	F1 vs	5.8	0.29	ug/Kg	☼	07/06/26 18:24	07/07/26 05:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:24*	*07/07/26 05:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*07/06/26 18:24*	*07/07/26 05:47*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*07/06/26 18:24*	*07/07/26 05:47*	*1*
Toluene-d8 (Surr)	*108*		*71 - 125*	*07/06/26 18:24*	*07/07/26 05:47*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*07/06/26 18:24*	*07/07/26 05:47*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2,4,5-Trichlorophenol	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2,4,6-Trichlorophenol	ND		200	30	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2,4-Dichlorophenol	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2,4-Dimethylphenol	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2,6-Dinitrotoluene	ND		200	28	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2-Chloronaphthalene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
1,4-Dioxane	ND		120	43	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2-Chlorophenol	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2-Methylphenol	ND		200	32	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
2-Nitrophenol	ND		200	22	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
3,3'-Dichlorobenzidine	ND		380	57	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
3-Nitroaniline	ND		380	28	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
4-Bromophenyl phenyl ether	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
4-Chloro-3-methylphenol	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
4-Chloroaniline	ND		200	28	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
4-Chlorophenyl phenyl ether	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
4-Methylphenol	ND		380	35	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
4-Nitroaniline	ND		380	29	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
4-Nitrophenol	ND		380	53	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Acenaphthene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Acenaphthylene	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Acetophenone	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Anthracene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Atrazine	ND		200	66	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		200	27	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Benzo[a]pyrene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Benzo[b]fluoranthene	ND		200	26	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Benzo[g,h,i]perylene	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Benzo[k]fluoranthene	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Bis(2-chloroethoxy)methane	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Bis(2-chloroethyl)ether	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Bis(2-ethylhexyl) phthalate	ND		200	43	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Butyl benzyl phthalate	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Caprolactam	ND		200	45	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Carbazole	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Chrysene	ND		200	47	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Dibenz(a,h)anthracene	ND		200	39	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Di-n-butyl phthalate	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Di-n-octyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Dibenzofuran	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Diethyl phthalate	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Dimethyl phthalate	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Fluoranthene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Fluorene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Hexachlorobenzene	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Hexachlorocyclopentadiene	ND		380	85	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Hexachloroethane	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Indeno[1,2,3-cd]pyrene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Isophorone	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
N-Nitrosodi-n-propylamine	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
N-Nitrosodiphenylamine	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Naphthalene	ND		200	32	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Nitrobenzene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Pentachlorophenol	ND		380	62	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Phenanthrene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Phenol	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1
Pyrene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 05:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6300*	*T J*	*ug/Kg*	☼	*2.00*	*N/A*	*07/02/26 13:17*	*07/07/26 05:59*	*1*
Unknown	*5400*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/07/26 05:59*	*1*
Heptadecane	*160*	*T J N*	*ug/Kg*	☼	*10.45*	*629-78-7*	*07/02/26 13:17*	*07/07/26 05:59*	*1*
Unknown	*170*	*T J*	*ug/Kg*	☼	*11.14*	*N/A*	*07/02/26 13:17*	*07/07/26 05:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*89*		*22 - 120*	*07/02/26 13:17*	*07/07/26 05:59*	*1*
Phenol-d5 (Surr)	*89*		*23 - 120*	*07/02/26 13:17*	*07/07/26 05:59*	*1*
p-Terphenyl-d14 (Surr)	*94*		*28 - 124*	*07/02/26 13:17*	*07/07/26 05:59*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 140*	*07/02/26 13:17*	*07/07/26 05:59*	*1*
2-Fluorobiphenyl (Surr)	*90*		*29 - 120*	*07/02/26 13:17*	*07/07/26 05:59*	*1*
2-Fluorophenol (Surr)	*86*		*18 - 120*	*07/02/26 13:17*	*07/07/26 05:59*	*1*

Client Sample ID: RI-BH-12 8-10
Date Collected: 07/01/26 10:00
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-13
Matrix: Solid
Percent Solids: 85.6

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.7	0.72	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
4,4'-DDE	ND		3.7	0.78	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
4,4'-DDT	ND		3.7	0.86	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
beta-BHC	ND		3.7	0.66	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
cis-Chlordane	ND		3.7	1.8	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
alpha-BHC	ND		3.7	0.66	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
Aldrin	ND		3.7	0.91	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
delta-BHC	ND		3.7	0.69	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
Dieldrin	ND		3.7	0.89	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
Endosulfan I	ND		3.7	0.71	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
Endosulfan II	ND		3.7	0.66	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
Endosulfan sulfate	ND		3.7	0.69	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
Endrin	ND		3.7	0.73	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
Endrin aldehyde	ND		3.7	0.94	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
Endrin ketone	ND		3.7	0.91	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
gamma-BHC (Lindane)	ND		3.7	0.68	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
trans-Chlordane	ND		3.7	1.2	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
Heptachlor	ND		3.7	0.80	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
Heptachlor epoxide	ND		3.7	0.95	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
Methoxychlor	ND		3.7	0.75	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1
Toxaphene	ND		37	21	ug/Kg	☼	07/06/26 06:47	07/07/26 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*45 - 120*	*07/06/26 06:47*	*07/07/26 19:39*	*1*
DCB Decachlorobiphenyl	*79*		*45 - 120*	*07/06/26 06:47*	*07/07/26 19:39*	*1*
Tetrachloro-m-xylene	*57*		*30 - 124*	*07/06/26 06:47*	*07/07/26 19:39*	*1*
Tetrachloro-m-xylene	*64*		*30 - 124*	*07/06/26 06:47*	*07/07/26 19:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.054	mg/Kg	☼	07/06/26 07:04	07/06/26 16:58	1
PCB-1221	ND		0.28	0.054	mg/Kg	☼	07/06/26 07:04	07/06/26 16:58	1
PCB-1232	ND		0.28	0.054	mg/Kg	☼	07/06/26 07:04	07/06/26 16:58	1
PCB-1242	ND		0.28	0.054	mg/Kg	☼	07/06/26 07:04	07/06/26 16:58	1
PCB-1248	ND		0.28	0.054	mg/Kg	☼	07/06/26 07:04	07/06/26 16:58	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	07/06/26 07:04	07/06/26 16:58	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	07/06/26 07:04	07/06/26 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*60 - 154*	*07/06/26 07:04*	*07/06/26 16:58*	*1*
Tetrachloro-m-xylene	*101*		*60 - 154*	*07/06/26 07:04*	*07/06/26 16:58*	*1*
DCB Decachlorobiphenyl	*106*		*65 - 174*	*07/06/26 07:04*	*07/06/26 16:58*	*1*
DCB Decachlorobiphenyl	*86*		*65 - 174*	*07/06/26 07:04*	*07/06/26 16:58*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.49	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.49	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.49	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.49	ng/g	☼	07/14/26 07:54	07/18/26 14:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.1*		*8 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C5 PFPeA	*80.9*		*35 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C5 PFHxA	*87.2*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C4 PFHpA	*73.2*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C8 PFOA	*77.2*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C9 PFNA	*74.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C6 PFDA	*69.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C7 PFUnA	*71.5*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C2 PFTeDA	*48.4*		*20 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C3 PFBS	*74.1*		*40 - 135*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C3 PFHxS	*70.6*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C8 PFOS	*56.6*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C8 FOSA	*72.7*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
d3-NMeFOSAA	*56.6*		*40 - 135*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
d5-NEtFOSAA	*53.2*		*40 - 150*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C2 4:2 FTS	*110*		*40 - 165*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C2 6:2 FTS	*118*		*40 - 215*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C2 8:2 FTS	*155*		*40 - 275*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C3 HFPO-DA	*84.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
d7-N-MeFOSE-M	*50.9*		*20 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
d9-N-EtFOSE-M	*49.0*		*15 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
d5-NEtPFOSA	*51.4*		*10 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
d3-NMePFOSA	*65.3*		*10 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C2 PFDoA	*64.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C3-PFDoS	*44.1*		*20 - 150*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C3-3:3 FTCA	*92.4*		*20 - 150*	*07/14/26 07:54*	*07/18/26 14:54*	*1*
13C3-5:3 FTCA	*95.0*		*20 - 150*	*07/14/26 07:54*	*07/18/26 14:54*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18300**		11.6	10.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Antimony	ND		17.4	0.62	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Arsenic	**2.9**		2.3	1.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Barium	**93.3**		0.58	0.16	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Beryllium	**0.71**		0.23	0.047	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Cadmium	**0.28**		0.23	0.081	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Calcium	**63500**		58.2	31.4	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Chromium	**22.2**		0.58	0.42	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Cobalt	**9.6**		0.58	0.12	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Copper	**17.5**		1.2	0.66	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Iron	**20100**		11.6	9.9	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Lead	**7.7**		1.2	0.54	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Magnesium	**27500**		23.3	9.9	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Manganese	**450**		1.2	0.33	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Nickel	**18.9**		5.8	0.29	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**6390**		34.9	28.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Selenium	ND		4.7	0.93	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Silver	**0.45**	**J ^5-**	0.70	0.23	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Sodium	**425**		163	71.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Thallium	ND		7.0	0.88	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Vanadium	**35.2**		0.58	0.15	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1
Zinc	**73.7**		2.3	1.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.012**	**J**	0.023	0.0053	mg/Kg	☼	07/08/26 11:56	07/08/26 14:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.55	mg/Kg	☼	07/09/26 14:02	07/10/26 15:00	1

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.5	0.40	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,1,2,2-Tetrachloroethane	ND	vs	5.5	0.89	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.5	1.3	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,1,2-Trichloroethane	ND	vs	5.5	0.72	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,1-Dichloroethane	ND	vs	5.5	0.67	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,1-Dichloroethene	ND	vs	5.5	0.67	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,2,4-Trichlorobenzene	ND	vs	5.5	0.34	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.5	2.8	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,2-Dichlorobenzene	ND	vs	5.5	0.43	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,2-Dichloroethane	ND	vs	5.5	0.28	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,2-Dichloropropane	ND	vs	5.5	2.8	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,3-Dichlorobenzene	ND	vs	5.5	0.28	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,4-Dichlorobenzene	ND	vs	5.5	0.77	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
2-Butanone (MEK)	ND	*+ vs	28	2.0	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.8	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Acetone	ND	*+ vs	28	4.6	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Benzene	ND	vs	5.5	0.27	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Bromoform	ND	vs	5.5	2.8	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Bromomethane	ND	vs	5.5	0.50	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Carbon disulfide	ND	vs	5.5	2.8	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Carbon tetrachloride	ND	vs	5.5	0.53	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Chlorobenzene	ND	vs	5.5	0.73	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Dibromochloromethane	ND	vs	5.5	0.71	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Chloroethane	ND	vs	5.5	1.2	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Chloroform	**1.1**	**J B vs**	5.5	0.34	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Chloromethane	ND	*+ vs	5.5	0.33	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
cis-1,2-Dichloroethene	ND	vs	5.5	0.71	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND	vs	5.5	0.77	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Bromodichloromethane	ND	vs	5.5	0.74	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Dichlorodifluoromethane	ND	vs	5.5	0.46	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Ethylbenzene	ND	vs	5.5	0.38	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
1,2-Dibromoethane	ND	vs	5.5	0.71	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Isopropylbenzene	ND	vs	5.5	0.83	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Methyl acetate	ND	vs	28	3.3	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Methyl tert-butyl ether	ND	vs	5.5	0.54	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Methylcyclohexane	ND	vs	5.5	0.84	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Methylene Chloride	ND	vs	5.5	2.5	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Tetrachloroethene	ND	vs	5.5	0.74	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Toluene	ND	vs	5.5	0.42	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
trans-1,2-Dichloroethene	ND	vs	5.5	0.57	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
trans-1,3-Dichloropropene	ND	vs	5.5	2.4	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Trichloroethene	ND	vs	5.5	1.2	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Trichlorofluoromethane	ND	vs	5.5	0.52	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Vinyl chloride	ND	vs	5.5	0.67	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Xylenes, Total	ND	vs	11	0.93	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
cis-1,3-Dichloropropene	ND	vs	5.5	0.79	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1
Styrene	ND	vs	5.5	0.28	ug/Kg	☼	07/06/26 18:21	07/06/26 22:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/06/26 22:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*07/06/26 18:21*	*07/06/26 22:39*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*07/06/26 18:21*	*07/06/26 22:39*	*1*
Toluene-d8 (Surr)	*85*		*71 - 125*	*07/06/26 18:21*	*07/06/26 22:39*	*1*
Dibromofluoromethane (Surr)	*109*		*60 - 140*	*07/06/26 18:21*	*07/06/26 22:39*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1900	350	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
bis (2-chloroisopropyl) ether	ND		1900	380	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2,4,5-Trichlorophenol	ND		1900	380	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2,4,6-Trichlorophenol	ND		1900	290	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2,4-Dichlorophenol	ND		1900	370	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2,4-Dimethylphenol	ND		1900	400	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2,4-Dinitrophenol	ND		18000	360	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2,4-Dinitrotoluene	ND		1900	260	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2,6-Dinitrotoluene	ND		1900	270	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2-Chloronaphthalene	ND		1900	350	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
1,4-Dioxane	ND		1100	410	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2-Chlorophenol	ND		1900	290	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2-Methylphenol	ND		1900	300	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2-Methylnaphthalene	ND		1900	300	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2-Nitroaniline	ND		3700	320	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
2-Nitrophenol	ND		1900	210	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
3,3'-Dichlorobenzidine	ND		3700	550	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
3-Nitroaniline	ND		3700	270	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		3700	410	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
4-Bromophenyl phenyl ether	ND		1900	320	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
4-Chloro-3-methylphenol	ND		1900	390	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
4-Chloroaniline	ND		1900	270	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
4-Chlorophenyl phenyl ether	ND		1900	390	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
4-Methylphenol	ND		3700	340	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
4-Nitroaniline	ND		3700	280	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
4-Nitrophenol	ND		3700	510	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Acenaphthene	ND		1900	350	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Acenaphthylene	ND		1900	360	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Acetophenone	ND		1900	330	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Anthracene	ND		1900	350	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Atrazine	ND		1900	640	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Benzaldehyde	ND		1900	1400	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Benzo[a]anthracene	**610**	**J**	1900	260	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Benzo[a]pyrene	**680**	**J**	1900	320	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Benzo[b]fluoranthene	**940**	**J**	1900	250	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Benzo[g,h,i]perylene	**470**	**J**	1900	330	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Benzo[k]fluoranthene	ND		1900	420	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Bis(2-chloroethoxy)methane	ND		1900	360	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Bis(2-chloroethyl)ether	ND		1900	350	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Bis(2-ethylhexyl) phthalate	ND		1900	410	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Butyl benzyl phthalate	ND		1900	350	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Caprolactam	ND		1900	430	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Carbazole	ND		1900	370	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Chrysene	**680**	**J**	1900	450	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Dibenz(a,h)anthracene	ND		1900	380	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Di-n-butyl phthalate	ND		1900	420	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Di-n-octyl phthalate	ND		1900	360	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Dibenzofuran	ND		1900	330	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Diethyl phthalate	ND		1900	340	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Dimethyl phthalate	ND		1900	360	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Fluoranthene	**1300**	**J**	1900	340	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Fluorene	ND		1900	340	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Hexachlorobenzene	ND		1900	360	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Hexachlorobutadiene	ND		1900	280	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Hexachlorocyclopentadiene	ND		3700	820	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Hexachloroethane	ND		1900	340	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Indeno[1,2,3-cd]pyrene	**420**	**J**	1900	280	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Isophorone	ND		1900	390	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
N-Nitrosodi-n-propylamine	ND		1900	420	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
N-Nitrosodiphenylamine	ND		1900	310	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Naphthalene	ND		1900	310	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Nitrobenzene	ND		1900	320	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Pentachlorophenol	ND		3700	600	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Phenanthrene	**490**	**J**	1900	350	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Phenol	ND		1900	340	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10
Pyrene	**810**	**J**	1900	360	ug/Kg	☼	07/02/26 13:17	07/07/26 06:23	10

Client Sample ID: RI-BH-5 1-3'
Date Collected: 07/01/26 08:45
Date Received: 07/01/26 16:00

Lab Sample ID: 480-240063-14
Matrix: Solid
Percent Solids: 89.6

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	5500	T J	ug/Kg	☼	3.50	N/A	07/02/26 13:17	07/07/26 06:23	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	81		22 - 120	07/02/26 13:17	07/07/26 06:23	10
Phenol-d5 (Surr)	73		23 - 120	07/02/26 13:17	07/07/26 06:23	10
p-Terphenyl-d14 (Surr)	64		28 - 124	07/02/26 13:17	07/07/26 06:23	10
2,4,6-Tribromophenol (Surr)	78		10 - 140	07/02/26 13:17	07/07/26 06:23	10
2-Fluorobiphenyl (Surr)	78		29 - 120	07/02/26 13:17	07/07/26 06:23	10
2-Fluorophenol (Surr)	80		18 - 120	07/02/26 13:17	07/07/26 06:23	10

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		74	14	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
4,4'-DDE	ND		74	16	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
4,4'-DDT	ND		74	17	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
beta-BHC	ND		74	13	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
cis-Chlordane	ND		74	37	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
alpha-BHC	ND		74	13	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
Aldrin	ND		74	18	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
delta-BHC	ND		74	14	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
Dieldrin	ND		74	18	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
Endosulfan I	ND		74	14	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
Endosulfan II	ND		74	13	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
Endosulfan sulfate	ND		74	14	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
Endrin	ND		74	15	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
Endrin aldehyde	ND		74	19	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
Endrin ketone	ND		74	18	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
gamma-BHC (Lindane)	ND		74	14	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
trans-Chlordane	ND		74	24	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
Heptachlor	ND		74	16	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
Heptachlor epoxide	ND		74	19	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
Methoxychlor	ND		74	15	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20
Toxaphene	ND		740	430	ug/Kg	☼	07/06/26 06:47	07/07/26 19:59	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	S1-	45 - 120	07/06/26 06:47	07/07/26 19:59	20
DCB Decachlorobiphenyl	0	S1-	45 - 120	07/06/26 06:47	07/07/26 19:59	20
Tetrachloro-m-xylene	0	S1-	30 - 124	07/06/26 06:47	07/07/26 19:59	20
Tetrachloro-m-xylene	0	S1-	30 - 124	07/06/26 06:47	07/07/26 19:59	20

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.046	mg/Kg	☼	07/06/26 07:04	07/06/26 17:17	1
PCB-1221	ND		0.23	0.046	mg/Kg	☼	07/06/26 07:04	07/06/26 17:17	1
PCB-1232	ND		0.23	0.046	mg/Kg	☼	07/06/26 07:04	07/06/26 17:17	1
PCB-1242	ND		0.23	0.046	mg/Kg	☼	07/06/26 07:04	07/06/26 17:17	1
PCB-1248	ND		0.23	0.046	mg/Kg	☼	07/06/26 07:04	07/06/26 17:17	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	07/06/26 07:04	07/06/26 17:17	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	07/06/26 07:04	07/06/26 17:17	1

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*60 - 154*	*07/06/26 07:04*	*07/06/26 17:17*	*1*
Tetrachloro-m-xylene	*101*		*60 - 154*	*07/06/26 07:04*	*07/06/26 17:17*	*1*
DCB Decachlorobiphenyl	*103*		*65 - 174*	*07/06/26 07:04*	*07/06/26 17:17*	*1*
DCB Decachlorobiphenyl	*83*		*65 - 174*	*07/06/26 07:04*	*07/06/26 17:17*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorooctanesulfonic acid (PFOS)	**0.11**	**J**	0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/14/26 07:54	07/18/26 15:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*76.6*		*8 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C5 PFPeA	*70.4*		*35 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C5 PFHxA	*80.6*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C4 PFHpA	*67.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C8 PFOA	*69.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C9 PFNA	*70.6*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C6 PFDA	*72.2*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C7 PFUnA	*77.2*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C2 PFTeDA	*57.9*		*20 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C3 PFBS	*70.4*		*40 - 135*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C3 PFHxS	*69.7*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C8 PFOS	*65.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C8 FOSA	*70.2*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
d3-NMeFOSAA	*59.2*		*40 - 135*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
d5-NEtFOSAA	*56.2*		*40 - 150*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C2 4:2 FTS	*75.1*		*40 - 165*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C2 6:2 FTS	*91.5*		*40 - 215*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C2 8:2 FTS	*192*		*40 - 275*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C3 HFPO-DA	*82.3*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
d7-N-MeFOSE-M	*55.3*		*20 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
d9-N-EtFOSE-M	*56.0*		*15 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
d5-NEtPFOSA	*52.2*		*10 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
d3-NMePFOSA	*63.1*		*10 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C2 PFDoA	*66.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C3-PFDoS	*60.9*		*20 - 150*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C3-3:3 FTCA	*79.8*		*20 - 150*	*07/14/26 07:54*	*07/18/26 15:07*	*1*
13C3-5:3 FTCA	*88.1*		*20 - 150*	*07/14/26 07:54*	*07/18/26 15:07*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10200**		10.6	9.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Antimony	ND		15.9	0.56	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Arsenic	**1.8**	**J**	2.1	0.93	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	57.8		0.53	0.15	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Beryllium	0.41		0.21	0.042	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Cadmium	0.24		0.21	0.074	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Calcium	56900		52.9	28.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Chromium	12.9		0.53	0.38	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Cobalt	5.5		0.53	0.11	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Copper	10.3		1.1	0.60	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Iron	12900		10.6	9.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Lead	7.1		1.1	0.49	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Magnesium	25300		21.2	9.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Manganese	354		1.1	0.30	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Nickel	10.7		5.3	0.26	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Potassium	3370		31.7	25.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Selenium	ND		4.2	0.85	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Silver	0.31	J ^5-	0.63	0.21	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Sodium	274		148	64.9	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Thallium	ND		6.3	0.80	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Vanadium	22.2		0.53	0.14	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1
Zinc	55.0		2.1	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055		0.022	0.0050	mg/Kg	☼	07/08/26 11:56	07/08/26 14:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.98	0.47	mg/Kg	☼	07/09/26 14:02	07/10/26 15:00	1

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.7	0.42	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.93	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,1-Dichloroethane	ND	vs	5.7	0.70	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,2-Dichlorobenzene	ND	vs	5.7	0.45	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,2-Dichloropropane	ND	vs	5.7	2.9	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,4-Dichlorobenzene	ND	vs	5.7	0.80	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
2-Butanone (MEK)	ND	*+ vs	29	2.1	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+ vs	29	4.8	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Benzene	**47**	**vs**	5.7	0.28	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Bromoform	ND	vs	5.7	2.9	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Bromomethane	ND	vs	5.7	0.52	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Carbon disulfide	ND	vs	5.7	2.9	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Carbon tetrachloride	**150**	**vs**	5.7	0.55	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Chlorobenzene	ND	vs	5.7	0.76	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Chloroform	**110**	**B vs**	5.7	0.35	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Chloromethane	ND	*+ vs	5.7	0.35	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Cyclohexane	ND	vs	5.7	0.80	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Bromodichloromethane	ND	vs	5.7	0.77	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Isopropylbenzene	ND	vs	5.7	0.86	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Methylcyclohexane	ND	vs	5.7	0.87	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Tetrachloroethene	ND	vs	5.7	0.77	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Toluene	ND	vs	5.7	0.43	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Trichloroethene	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Vinyl chloride	ND	vs	5.7	0.70	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Xylenes, Total	ND	vs	11	0.96	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1
Styrene	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:21	07/06/26 23:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/06/26 23:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*07/06/26 18:21*	*07/06/26 23:02*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 126*	*07/06/26 18:21*	*07/06/26 23:02*	*1*
Toluene-d8 (Surr)	*86*		*71 - 125*	*07/06/26 18:21*	*07/06/26 23:02*	*1*
Dibromofluoromethane (Surr)	*109*		*60 - 140*	*07/06/26 18:21*	*07/06/26 23:02*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
2,4,5-Trichlorophenol	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
2,4,6-Trichlorophenol	ND		200	30	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
2,4-Dichlorophenol	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
2,4-Dimethylphenol	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
2,4-Dinitrotoluene	ND		200	27	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
2,6-Dinitrotoluene	ND		200	28	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
2-Chloronaphthalene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
1,4-Dioxane	ND		120	43	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
2-Chlorophenol	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
2-Methylphenol	ND		200	32	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
2-Methylnaphthalene	ND		200	31	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
2-Nitrophenol	ND		200	22	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
3,3'-Dichlorobenzidine	ND		380	57	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
3-Nitroaniline	ND		380	28	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
4-Bromophenyl phenyl ether	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
4-Chloro-3-methylphenol	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
4-Chloroaniline	ND		200	28	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
4-Chlorophenyl phenyl ether	ND		200	41	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
4-Methylphenol	ND		380	35	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
4-Nitroaniline	ND		380	29	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
4-Nitrophenol	ND		380	53	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Acenaphthene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Acenaphthylene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Acetophenone	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Anthracene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Atrazine	ND		200	66	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Benzaldehyde	ND		200	150	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Benzo[a]anthracene	ND		200	27	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Benzo[a]pyrene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Benzo[b]fluoranthene	ND		200	26	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Benzo[g,h,i]perylene	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Benzo[k]fluoranthene	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Bis(2-chloroethoxy)methane	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Bis(2-chloroethyl)ether	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Bis(2-ethylhexyl) phthalate	ND		200	42	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Butyl benzyl phthalate	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Caprolactam	ND		200	45	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Carbazole	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Chrysene	ND		200	47	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Dibenz(a,h)anthracene	ND		200	39	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Di-n-butyl phthalate	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Di-n-octyl phthalate	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Dibenzofuran	ND		200	34	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Diethyl phthalate	ND		200	35	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Dimethyl phthalate	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Fluoranthene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Fluorene	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Hexachlorobenzene	ND		200	38	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Hexachlorocyclopentadiene	ND		380	85	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Indeno[1,2,3-cd]pyrene	ND		200	29	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Isophorone	ND		200	40	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
N-Nitrosodi-n-propylamine	ND		200	44	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
N-Nitrosodiphenylamine	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Naphthalene	ND		200	32	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Nitrobenzene	ND		200	33	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Pentachlorophenol	ND		380	62	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Phenanthrene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Phenol	ND		200	36	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1
Pyrene	ND		200	37	ug/Kg	☼	07/02/26 13:17	07/07/26 06:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6400*	*T J*	*ug/Kg*	☼	*2.00*	*N/A*	*07/02/26 13:17*	*07/07/26 06:47*	*1*
Unknown	*5800*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/07/26 06:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*81*		*22 - 120*	*07/02/26 13:17*	*07/07/26 06:47*	*1*
Phenol-d5 (Surr)	*80*		*23 - 120*	*07/02/26 13:17*	*07/07/26 06:47*	*1*
p-Terphenyl-d14 (Surr)	*87*		*28 - 124*	*07/02/26 13:17*	*07/07/26 06:47*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 140*	*07/02/26 13:17*	*07/07/26 06:47*	*1*
2-Fluorobiphenyl (Surr)	*81*		*29 - 120*	*07/02/26 13:17*	*07/07/26 06:47*	*1*
2-Fluorophenol (Surr)	*76*		*18 - 120*	*07/02/26 13:17*	*07/07/26 06:47*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.7	0.71	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
4,4'-DDE	ND		3.7	0.77	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
4,4'-DDT	ND		3.7	0.86	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
beta-BHC	ND		3.7	0.66	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
cis-Chlordane	ND		3.7	1.8	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
alpha-BHC	ND		3.7	0.66	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
Aldrin	ND		3.7	0.90	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
delta-BHC	ND		3.7	0.68	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
Dieldrin	ND		3.7	0.88	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
Endosulfan I	ND		3.7	0.71	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
Endosulfan II	ND		3.7	0.66	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
Endosulfan sulfate	ND		3.7	0.69	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
Endrin	ND		3.7	0.73	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
Endrin aldehyde	ND		3.7	0.94	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
Endrin ketone	ND		3.7	0.90	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
gamma-BHC (Lindane)	ND		3.7	0.67	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
trans-Chlordane	ND		3.7	1.2	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
Heptachlor	ND		3.7	0.80	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
Heptachlor epoxide	ND		3.7	0.95	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
Methoxychlor	ND		3.7	0.75	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1
Toxaphene	ND		37	21	ug/Kg	☼	07/06/26 06:47	07/07/26 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*45 - 120*	*07/06/26 06:47*	*07/07/26 20:18*	*1*

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15

Date Collected: 07/01/26 08:45
Matrix: Solid

Date Received: 07/01/26 16:00
Percent Solids: 86.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*45 - 120*	*07/06/26 06:47*	*07/07/26 20:18*	*1*
Tetrachloro-m-xylene	*83*		*30 - 124*	*07/06/26 06:47*	*07/07/26 20:18*	*1*
Tetrachloro-m-xylene	*84*		*30 - 124*	*07/06/26 06:47*	*07/07/26 20:18*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 17:35	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 17:35	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 17:35	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 17:35	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	07/06/26 07:04	07/06/26 17:35	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	07/06/26 07:04	07/06/26 17:35	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	07/06/26 07:04	07/06/26 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*60 - 154*	*07/06/26 07:04*	*07/06/26 17:35*	*1*
Tetrachloro-m-xylene	*100*		*60 - 154*	*07/06/26 07:04*	*07/06/26 17:35*	*1*
DCB Decachlorobiphenyl	*104*		*65 - 174*	*07/06/26 07:04*	*07/06/26 17:35*	*1*
DCB Decachlorobiphenyl	*85*		*65 - 174*	*07/06/26 07:04*	*07/06/26 17:35*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.38	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.19	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.19	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.19	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/14/26 07:54	07/18/26 15:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*75.2*		*8 - 130*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C5 PFPeA	*71.2*		*35 - 130*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C5 PFHxA	*77.6*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C4 PFHpA	*68.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C8 PFOA	*74.1*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C9 PFNA	*73.5*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C6 PFDA	*69.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C7 PFUnA	*71.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C2 PFTeDA	*49.6*		*20 - 130*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C3 PFBS	*65.7*		*40 - 135*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C3 PFHxS	*64.5*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C8 PFOS	*61.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C8 FOSA	*70.6*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
d3-NMeFOSAA	*61.0*		*40 - 135*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
d5-NEtFOSAA	*58.0*		*40 - 150*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C2 4:2 FTS	*69.1*		*40 - 165*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C2 6:2 FTS	*83.0*		*40 - 215*	*07/14/26 07:54*	*07/18/26 15:21*	*1*
13C2 8:2 FTS	*160*		*40 - 275*	*07/14/26 07:54*	*07/18/26 15:21*	*1*

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	79.6		40 - 130	07/14/26 07:54	07/18/26 15:21	1
d7-N-MeFOSE-M	44.7		20 - 130	07/14/26 07:54	07/18/26 15:21	1
d9-N-EtFOSE-M	40.9		15 - 130	07/14/26 07:54	07/18/26 15:21	1
d5-NEtPFOSA	43.2		10 - 130	07/14/26 07:54	07/18/26 15:21	1
d3-NMePFOSA	57.1		10 - 130	07/14/26 07:54	07/18/26 15:21	1
13C2 PFDoA	62.0		40 - 130	07/14/26 07:54	07/18/26 15:21	1
13C3-PFDoS	52.3		20 - 150	07/14/26 07:54	07/18/26 15:21	1
13C3-3:3 FTCA	80.3		20 - 150	07/14/26 07:54	07/18/26 15:21	1
13C3-5:3 FTCA	86.8		20 - 150	07/14/26 07:54	07/18/26 15:21	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17900**		11.2	9.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Antimony	ND		16.8	0.59	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Arsenic	**3.0**		2.2	0.98	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Barium	**96.8**		0.56	0.16	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Beryllium	**0.71**		0.22	0.045	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Cadmium	**0.28**		0.22	0.078	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Calcium	**67800**		55.9	30.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Chromium	**21.8**		0.56	0.40	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Cobalt	**9.0**		0.56	0.11	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Copper	**14.9**		1.1	0.64	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Iron	**19400**		11.2	9.5	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Lead	**9.6**		1.1	0.51	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Magnesium	**25300**		22.3	9.5	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Manganese	**446**		1.1	0.31	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Nickel	**17.5**		5.6	0.28	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Potassium	**6050**		33.5	27.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Selenium	ND		4.5	0.89	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Silver	**0.37**	**J ^5-**	0.67	0.22	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Sodium	**374**		156	68.5	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Thallium	ND		6.7	0.85	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Vanadium	**33.1**		0.56	0.15	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1
Zinc	**74.6**		2.2	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.011**	**J**	0.022	0.0051	mg/Kg	☼	07/08/26 11:56	07/08/26 14:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.54	mg/Kg	☼	07/09/26 14:02	07/10/26 15:02	1

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16
Date Collected: 07/01/26 09:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.7	0.42	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.93	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16
Date Collected: 07/01/26 09:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
1,1-Dichloroethane	ND	vs	5.7	0.70	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
1,2-Dichlorobenzene	ND	vs	5.7	0.45	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
1,2-Dichloropropane	ND	vs	5.7	2.9	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
1,4-Dichlorobenzene	ND	vs	5.7	0.80	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
2-Butanone (MEK)	ND	*+ vs	29	2.1	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Acetone	**8.2**	**J *+ vs**	29	4.8	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Bromoform	ND	vs	5.7	2.9	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Bromomethane	ND	vs	5.7	0.52	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Carbon disulfide	ND	vs	5.7	2.9	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Carbon tetrachloride	**6.5**	**vs**	5.7	0.55	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Chlorobenzene	ND	vs	5.7	0.76	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Chloroform	**3.4**	**J B vs**	5.7	0.35	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Chloromethane	ND	*+ vs	5.7	0.35	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Cyclohexane	ND	vs	5.7	0.80	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Bromodichloromethane	ND	vs	5.7	0.77	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Ethylbenzene	ND	vs	5.7	0.40	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
1,2-Dibromoethane	ND	vs	5.7	0.74	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Isopropylbenzene	ND	vs	5.7	0.86	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Methylcyclohexane	ND	vs	5.7	0.87	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Tetrachloroethene	ND	vs	5.7	0.77	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Toluene	**0.50**	**J vs**	5.7	0.43	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Trichloroethene	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Vinyl chloride	ND	vs	5.7	0.70	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Xylenes, Total	ND	vs	11	0.96	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1
Styrene	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:21	07/06/26 23:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/06/26 23:27*	*1*

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16
Date Collected: 07/01/26 09:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*07/06/26 18:21*	*07/06/26 23:27*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 126*	*07/06/26 18:21*	*07/06/26 23:27*	*1*
Toluene-d8 (Surr)	*87*		*71 - 125*	*07/06/26 18:21*	*07/06/26 23:27*	*1*
Dibromofluoromethane (Surr)	*109*		*60 - 140*	*07/06/26 18:21*	*07/06/26 23:27*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2000	370	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
bis (2-chloroisopropyl) ether	ND		2000	410	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2,4,5-Trichlorophenol	ND		2000	400	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2,4,6-Trichlorophenol	ND		2000	300	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2,4-Dichlorophenol	ND		2000	390	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2,4-Dimethylphenol	ND		2000	420	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2,4-Dinitrophenol	ND		20000	380	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2,4-Dinitrotoluene	ND		2000	270	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2,6-Dinitrotoluene	ND		2000	280	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2-Chloronaphthalene	ND		2000	370	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
1,4-Dioxane	ND		1200	440	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2-Chlorophenol	ND		2000	310	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2-Methylphenol	ND		2000	320	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2-Methylnaphthalene	ND		2000	310	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2-Nitroaniline	ND		3900	340	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
2-Nitrophenol	ND		2000	230	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
3,3'-Dichlorobenzidine	ND		3900	580	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
3-Nitroaniline	ND		3900	280	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
4,6-Dinitro-2-methylphenol	ND		3900	440	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
4-Bromophenyl phenyl ether	ND		2000	340	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
4-Chloro-3-methylphenol	ND		2000	410	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
4-Chloroaniline	ND		2000	290	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
4-Chlorophenyl phenyl ether	ND		2000	420	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
4-Methylphenol	ND		3900	360	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
4-Nitroaniline	ND		3900	290	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
4-Nitrophenol	ND		3900	540	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Acenaphthene	ND		2000	370	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Acenaphthylene	ND		2000	380	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Acetophenone	ND		2000	350	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Anthracene	ND		2000	370	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Atrazine	ND		2000	670	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Benzaldehyde	ND		2000	1500	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Benzo[a]anthracene	**570**	**J**	2000	270	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Benzo[a]pyrene	**650**	**J**	2000	340	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Benzo[b]fluoranthene	**1000**	**J**	2000	270	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Benzo[g,h,i]perylene	**510**	**J**	2000	350	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Benzo[k]fluoranthene	ND		2000	450	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Bis(2-chloroethoxy)methane	ND		2000	380	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Bis(2-chloroethyl)ether	ND		2000	380	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Bis(2-ethylhexyl) phthalate	ND		2000	430	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Butyl benzyl phthalate	ND		2000	370	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Caprolactam	ND		2000	460	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Carbazole	ND		2000	390	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16
Date Collected: 07/01/26 09:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**830**	**J**	2000	480	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Dibenz(a,h)anthracene	ND		2000	400	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Di-n-butyl phthalate	ND		2000	450	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Di-n-octyl phthalate	ND		2000	380	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Dibenzofuran	ND		2000	350	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Diethyl phthalate	ND		2000	360	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Dimethyl phthalate	ND		2000	380	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Fluoranthene	**2700**		2000	360	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Fluorene	ND		2000	360	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Hexachlorobenzene	ND		2000	380	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Hexachlorobutadiene	ND		2000	300	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Hexachlorocyclopentadiene	ND		3900	870	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Hexachloroethane	ND		2000	360	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Indeno[1,2,3-cd]pyrene	**530**	**J**	2000	300	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Isophorone	ND		2000	410	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
N-Nitrosodi-n-propylamine	ND		2000	450	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
N-Nitrosodiphenylamine	ND		2000	330	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Naphthalene	ND		2000	330	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Nitrobenzene	ND		2000	330	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Pentachlorophenol	ND		3900	630	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Phenanthrene	**1700**	**J**	2000	370	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Phenol	ND		2000	360	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10
Pyrene	**1600**	**J**	2000	380	ug/Kg	☼	07/02/26 13:17	07/07/26 07:11	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5200*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/02/26 13:17*	*07/07/26 07:11*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*91*		*22 - 120*	*07/02/26 13:17*	*07/07/26 07:11*	*10*
Phenol-d5 (Surr)	*84*		*23 - 120*	*07/02/26 13:17*	*07/07/26 07:11*	*10*
p-Terphenyl-d14 (Surr)	*81*		*28 - 124*	*07/02/26 13:17*	*07/07/26 07:11*	*10*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 140*	*07/02/26 13:17*	*07/07/26 07:11*	*10*
2-Fluorobiphenyl (Surr)	*84*		*29 - 120*	*07/02/26 13:17*	*07/07/26 07:11*	*10*
2-Fluorophenol (Surr)	*91*		*18 - 120*	*07/02/26 13:17*	*07/07/26 07:11*	*10*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		19	3.7	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
4,4'-DDE	ND		19	3.9	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
4,4'-DDT	ND		19	4.4	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
beta-BHC	ND		19	3.4	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
cis-Chlordane	ND		19	9.4	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
alpha-BHC	ND		19	3.4	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
Aldrin	ND		19	4.6	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
delta-BHC	ND		19	3.5	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
Dieldrin	ND		19	4.5	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
Endosulfan I	ND		19	3.6	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
Endosulfan II	ND		19	3.4	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
Endosulfan sulfate	ND		19	3.5	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
Endrin	ND		19	3.7	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16
Date Collected: 07/01/26 09:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		19	4.8	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
Endrin ketone	ND		19	4.6	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
gamma-BHC (Lindane)	ND		19	3.4	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
trans-Chlordane	ND		19	6.0	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
Heptachlor	ND		19	4.1	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
Heptachlor epoxide	ND		19	4.8	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
Methoxychlor	**9.5**	**J**	19	3.8	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5
Toxaphene	ND		190	110	ug/Kg	☼	07/06/26 06:47	07/08/26 10:09	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*45 - 120*	*07/06/26 06:47*	*07/08/26 10:09*	*5*
DCB Decachlorobiphenyl	*119*		*45 - 120*	*07/06/26 06:47*	*07/08/26 10:09*	*5*
Tetrachloro-m-xylene	*92*		*30 - 124*	*07/06/26 06:47*	*07/08/26 10:09*	*5*
Tetrachloro-m-xylene	*77*		*30 - 124*	*07/06/26 06:47*	*07/08/26 10:09*	*5*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.042	mg/Kg	☼	07/06/26 07:04	07/06/26 17:54	1
PCB-1221	ND		0.21	0.042	mg/Kg	☼	07/06/26 07:04	07/06/26 17:54	1
PCB-1232	ND		0.21	0.042	mg/Kg	☼	07/06/26 07:04	07/06/26 17:54	1
PCB-1242	ND		0.21	0.042	mg/Kg	☼	07/06/26 07:04	07/06/26 17:54	1
PCB-1248	ND		0.21	0.042	mg/Kg	☼	07/06/26 07:04	07/06/26 17:54	1
PCB-1254	ND		0.21	0.10	mg/Kg	☼	07/06/26 07:04	07/06/26 17:54	1
PCB-1260	ND		0.21	0.10	mg/Kg	☼	07/06/26 07:04	07/06/26 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*60 - 154*	*07/06/26 07:04*	*07/06/26 17:54*	*1*
Tetrachloro-m-xylene	*105*		*60 - 154*	*07/06/26 07:04*	*07/06/26 17:54*	*1*
DCB Decachlorobiphenyl	*111*		*65 - 174*	*07/06/26 07:04*	*07/06/26 17:54*	*1*
DCB Decachlorobiphenyl	*90*		*65 - 174*	*07/06/26 07:04*	*07/06/26 17:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorohexanesulfonic acid (PFHxS)	**0.13**	**J**	0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16
Date Collected: 07/01/26 09:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**0.26**		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/14/26 07:54	07/18/26 15:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*78.5*		*8 - 130*	*07/14/26 07:54*	*07/18/26 15:34*	*1*
13C5 PFPeA	*68.9*		*35 - 130*	*07/14/26 07:54*	*07/18/26 15:34*	*1*
13C5 PFHxA	*83.4*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:34*	*1*
13C4 PFHpA	*69.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:34*	*1*
13C8 PFOA	*76.0*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:34*	*1*
13C9 PFNA	*74.5*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:34*	*1*
13C6 PFDA	*77.3*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:34*	*1*

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16

Date Collected: 07/01/26 09:00
Matrix: Solid

Date Received: 07/01/26 16:00
Percent Solids: 83.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C7 PFUnA	76.7		40 - 130	07/14/26 07:54	07/18/26 15:34	1
13C2 PFTeDA	56.7		20 - 130	07/14/26 07:54	07/18/26 15:34	1
13C3 PFBS	71.1		40 - 135	07/14/26 07:54	07/18/26 15:34	1
13C3 PFHxS	65.7		40 - 130	07/14/26 07:54	07/18/26 15:34	1
13C8 PFOS	64.1		40 - 130	07/14/26 07:54	07/18/26 15:34	1
13C8 FOSA	73.0		40 - 130	07/14/26 07:54	07/18/26 15:34	1
d3-NMeFOSAA	62.0		40 - 135	07/14/26 07:54	07/18/26 15:34	1
d5-NEtFOSAA	56.0		40 - 150	07/14/26 07:54	07/18/26 15:34	1
13C2 4:2 FTS	73.3		40 - 165	07/14/26 07:54	07/18/26 15:34	1
13C2 6:2 FTS	82.9		40 - 215	07/14/26 07:54	07/18/26 15:34	1
13C2 8:2 FTS	166		40 - 275	07/14/26 07:54	07/18/26 15:34	1
13C3 HFPO-DA	78.8		40 - 130	07/14/26 07:54	07/18/26 15:34	1
d7-N-MeFOSE-M	42.2		20 - 130	07/14/26 07:54	07/18/26 15:34	1
d9-N-EtFOSE-M	33.6		15 - 130	07/14/26 07:54	07/18/26 15:34	1
d5-NEtPFOSA	51.5		10 - 130	07/14/26 07:54	07/18/26 15:34	1
d3-NMePFOSA	62.7		10 - 130	07/14/26 07:54	07/18/26 15:34	1
13C2 PFDoA	65.4		40 - 130	07/14/26 07:54	07/18/26 15:34	1
13C3-PFDoS	59.2		20 - 150	07/14/26 07:54	07/18/26 15:34	1
13C3-3:3 FTCA	84.4		20 - 150	07/14/26 07:54	07/18/26 15:34	1
13C3-5:3 FTCA	88.7		20 - 150	07/14/26 07:54	07/18/26 15:34	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7410**		12.2	10.5	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Antimony	ND		18.3	0.65	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Arsenic	**3.7**		2.4	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Barium	**48.0**		0.61	0.17	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Beryllium	**0.39**		0.24	0.049	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Cadmium	**0.18**	**J**	0.24	0.085	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Calcium	**208000**		305	165	mg/Kg	☼	07/02/26 16:16	07/07/26 12:15	5
Chromium	**17.0**		0.61	0.44	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Cobalt	**4.4**		0.61	0.12	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Copper	**12.6**		1.2	0.70	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Iron	**9740**		12.2	10.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Lead	**20.3**		1.2	0.56	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Magnesium	**12100**		24.4	10.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Manganese	**295**		1.2	0.34	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Nickel	**14.1**		6.1	0.31	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Potassium	**2230**		36.6	29.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Selenium	ND		4.9	0.98	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Silver	ND	^5-	0.73	0.24	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Sodium	**282**		171	74.8	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Thallium	ND		7.3	0.93	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Vanadium	**22.4**		0.61	0.16	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1
Zinc	**62.3**		2.4	1.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:46	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.020**	**J**	0.024	0.0055	mg/Kg	☼	07/08/26 11:56	07/08/26 15:00	1

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16
Date Collected: 07/01/26 09:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.53	mg/Kg	☼	07/09/26 14:02	07/10/26 15:03	1

Client Sample ID: RI-BH-6 4-6'
Lab Sample ID: 480-240063-17
Date Collected: 07/01/26 09:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.6	0.41	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,1,2,2-Tetrachloroethane	ND	vs	5.6	0.91	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.6	1.3	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,1,2-Trichloroethane	ND	vs	5.6	0.73	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,1-Dichloroethane	ND	vs	5.6	0.69	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,1-Dichloroethene	ND	vs	5.6	0.69	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,2,4-Trichlorobenzene	ND	vs	5.6	0.34	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.6	2.8	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,2-Dichlorobenzene	ND	vs	5.6	0.44	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,2-Dichloroethane	ND	vs	5.6	0.28	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,2-Dichloropropane	ND	vs	5.6	2.8	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,3-Dichlorobenzene	ND	vs	5.6	0.29	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,4-Dichlorobenzene	ND	vs	5.6	0.79	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
2-Butanone (MEK)	ND	*+ vs	28	2.1	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.8	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Acetone	ND	*+ vs	28	4.7	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Benzene	ND	vs	5.6	0.28	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Bromoform	ND	vs	5.6	2.8	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Bromomethane	ND	vs	5.6	0.51	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Carbon disulfide	ND	vs	5.6	2.8	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Carbon tetrachloride	ND	vs	5.6	0.54	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Chlorobenzene	ND	vs	5.6	0.74	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Dibromochloromethane	ND	vs	5.6	0.72	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Chloroethane	ND	vs	5.6	1.3	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Chloroform	**1.2**	**J B vs**	5.6	0.35	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Chloromethane	ND	*+ vs	5.6	0.34	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
cis-1,2-Dichloroethene	ND	vs	5.6	0.72	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Cyclohexane	ND	vs	5.6	0.79	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Bromodichloromethane	ND	vs	5.6	0.75	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Dichlorodifluoromethane	ND	vs	5.6	0.46	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Ethylbenzene	ND	vs	5.6	0.39	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
1,2-Dibromoethane	ND	vs	5.6	0.72	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Isopropylbenzene	ND	vs	5.6	0.85	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Methyl tert-butyl ether	ND	vs	5.6	0.55	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Methylcyclohexane	ND	vs	5.6	0.85	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Methylene Chloride	ND	vs	5.6	2.6	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Tetrachloroethene	ND	vs	5.6	0.75	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Toluene	ND	vs	5.6	0.43	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
trans-1,2-Dichloroethene	ND	vs	5.6	0.58	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
trans-1,3-Dichloropropene	ND	vs	5.6	2.5	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1

Client Sample ID: RI-BH-6 4-6'
Lab Sample ID: 480-240063-17

Date Collected: 07/01/26 09:15
Matrix: Solid

Date Received: 07/01/26 16:00
Percent Solids: 86.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	vs	5.6	1.2	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Trichlorofluoromethane	ND	vs	5.6	0.53	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Vinyl chloride	ND	vs	5.6	0.69	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Xylenes, Total	ND	vs	11	0.94	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
cis-1,3-Dichloropropene	ND	vs	5.6	0.81	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1
Styrene	ND	vs	5.6	0.28	ug/Kg	☼	07/06/26 18:21	07/06/26 23:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/06/26 23:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*	*07/06/26 18:21*	*07/06/26 23:50*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 126*	*07/06/26 18:21*	*07/06/26 23:50*	*1*
Toluene-d8 (Surr)	*86*		*71 - 125*	*07/06/26 18:21*	*07/06/26 23:50*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*07/06/26 18:21*	*07/06/26 23:50*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
bis (2-chloroisopropyl) ether	ND		190	40	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2,4,5-Trichlorophenol	ND		190	39	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2,4,6-Trichlorophenol	ND		190	29	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2,4-Dichlorophenol	ND		190	38	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2,4-Dimethylphenol	ND		190	41	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2,4-Dinitrophenol	ND		1900	37	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2,4-Dinitrotoluene	ND		190	26	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2,6-Dinitrotoluene	ND		190	28	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2-Chloronaphthalene	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
1,4-Dioxane	ND		110	43	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2-Chlorophenol	ND		190	30	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2-Methylphenol	ND		190	31	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2-Methylnaphthalene	ND		190	30	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2-Nitroaniline	ND		380	33	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
2-Nitrophenol	ND		190	22	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
3,3'-Dichlorobenzidine	ND		380	57	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
3-Nitroaniline	ND		380	27	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
4,6-Dinitro-2-methylphenol	ND		380	43	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
4-Bromophenyl phenyl ether	ND		190	33	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
4-Chloro-3-methylphenol	ND		190	40	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
4-Chloroaniline	ND		190	28	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
4-Chlorophenyl phenyl ether	ND		190	41	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
4-Methylphenol	ND		380	35	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
4-Nitroaniline	ND		380	28	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
4-Nitrophenol	ND		380	53	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Acenaphthene	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Acenaphthylene	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Acetophenone	ND		190	34	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Anthracene	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Atrazine	ND		190	66	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Benzaldehyde	ND		190	150	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-6 4-6'
Lab Sample ID: 480-240063-17
Date Collected: 07/01/26 09:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		190	27	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Benzo[a]pyrene	ND		190	33	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Benzo[b]fluoranthene	ND		190	26	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Benzo[g,h,i]perylene	ND		190	34	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Benzo[k]fluoranthene	ND		190	43	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Bis(2-chloroethoxy)methane	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Bis(2-chloroethyl)ether	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Bis(2-ethylhexyl) phthalate	ND		190	42	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Butyl benzyl phthalate	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Caprolactam	ND		190	45	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Carbazole	ND		190	38	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Chrysene	ND		190	47	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Dibenz(a,h)anthracene	ND		190	39	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Di-n-butyl phthalate	ND		190	43	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Di-n-octyl phthalate	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Dibenzofuran	ND		190	34	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Diethyl phthalate	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Dimethyl phthalate	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Fluoranthene	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Fluorene	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Hexachlorobenzene	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Hexachlorobutadiene	ND		190	29	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Hexachlorocyclopentadiene	ND		380	85	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Hexachloroethane	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Indeno[1,2,3-cd]pyrene	ND		190	29	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Isophorone	ND		190	40	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
N-Nitrosodi-n-propylamine	ND		190	43	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
N-Nitrosodiphenylamine	ND		190	32	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Naphthalene	ND		190	32	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Nitrobenzene	ND		190	33	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Pentachlorophenol	ND		380	62	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Phenanthrene	ND		190	36	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Phenol	ND		190	35	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1
Pyrene	ND		190	37	ug/Kg	☼	07/02/26 13:17	07/07/26 07:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6400*	*T J*	*ug/Kg*	☼	*2.00*	*N/A*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
Unknown	*5400*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
Hexadecane	*210*	*T J N*	*ug/Kg*	☼	*9.93*	*544-76-3*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
Heptadecane	*320*	*T J N*	*ug/Kg*	☼	*10.45*	*629-78-7*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
Octadecane	*250*	*T J N*	*ug/Kg*	☼	*10.91*	*593-45-3*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
Heptadecane, 2,6,10,15-tetramethyl-	*240*	*T J N*	*ug/Kg*	☼	*11.33*	*54833-48-6*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
Eicosane	*210*	*T J N*	*ug/Kg*	☼	*11.71*	*112-95-8*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
Heneicosane	*190*	*T J N*	*ug/Kg*	☼	*12.06*	*629-94-7*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
Docosane	*170*	*T J N*	*ug/Kg*	☼	*12.38*	*629-97-0*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
Nonadecane	*160*	*T J N*	*ug/Kg*	☼	*12.69*	*629-92-5*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
Pentacosane	*180*	*T J N*	*ug/Kg*	☼	*13.26*	*629-99-2*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
Heptacosane	*160*	*T J N*	*ug/Kg*	☼	*13.79*	*593-49-7*	*07/02/26 13:17*	*07/07/26 07:35*	*1*

Client Sample ID: RI-BH-6 4-6'
Lab Sample ID: 480-240063-17
Date Collected: 07/01/26 09:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*97*		*22 - 120*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
Phenol-d5 (Surr)	*93*		*23 - 120*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
p-Terphenyl-d14 (Surr)	*99*		*28 - 124*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
2,4,6-Tribromophenol (Surr)	*92*		*10 - 140*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
2-Fluorobiphenyl (Surr)	*97*		*29 - 120*	*07/02/26 13:17*	*07/07/26 07:35*	*1*
2-Fluorophenol (Surr)	*91*		*18 - 120*	*07/02/26 13:17*	*07/07/26 07:35*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.8	0.75	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
4,4'-DDE	ND		3.8	0.81	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
4,4'-DDT	ND		3.8	0.90	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
beta-BHC	ND		3.8	0.69	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
cis-Chlordane	ND		3.8	1.9	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
alpha-BHC	ND		3.8	0.69	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
Aldrin	ND		3.8	0.94	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
delta-BHC	ND		3.8	0.71	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
Dieldrin	ND		3.8	0.92	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
Endosulfan I	ND		3.8	0.74	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
Endosulfan II	ND		3.8	0.69	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
Endosulfan sulfate	ND		3.8	0.72	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
Endrin	ND		3.8	0.76	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
Endrin aldehyde	ND		3.8	0.98	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
Endrin ketone	ND		3.8	0.94	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
gamma-BHC (Lindane)	ND		3.8	0.70	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
trans-Chlordane	ND		3.8	1.2	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
Heptachlor	ND		3.8	0.83	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
Heptachlor epoxide	ND		3.8	0.99	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
Methoxychlor	ND		3.8	0.78	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1
Toxaphene	ND		38	22	ug/Kg	☼	07/06/26 06:47	07/08/26 10:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*45 - 120*	*07/06/26 06:47*	*07/08/26 10:29*	*1*
DCB Decachlorobiphenyl	*106*		*45 - 120*	*07/06/26 06:47*	*07/08/26 10:29*	*1*
Tetrachloro-m-xylene	*39*		*30 - 124*	*07/06/26 06:47*	*07/08/26 10:29*	*1*
Tetrachloro-m-xylene	*72*		*30 - 124*	*07/06/26 06:47*	*07/08/26 10:29*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.20	0.040	mg/Kg	☼	07/06/26 07:04	07/06/26 18:49	1
PCB-1221	ND		0.20	0.040	mg/Kg	☼	07/06/26 07:04	07/06/26 18:49	1
PCB-1232	ND		0.20	0.040	mg/Kg	☼	07/06/26 07:04	07/06/26 18:49	1
PCB-1242	ND		0.20	0.040	mg/Kg	☼	07/06/26 07:04	07/06/26 18:49	1
PCB-1248	ND		0.20	0.040	mg/Kg	☼	07/06/26 07:04	07/06/26 18:49	1
PCB-1254	ND		0.20	0.096	mg/Kg	☼	07/06/26 07:04	07/06/26 18:49	1
PCB-1260	ND		0.20	0.096	mg/Kg	☼	07/06/26 07:04	07/06/26 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*60 - 154*	*07/06/26 07:04*	*07/06/26 18:49*	*1*
Tetrachloro-m-xylene	*101*		*60 - 154*	*07/06/26 07:04*	*07/06/26 18:49*	*1*
DCB Decachlorobiphenyl	*105*		*65 - 174*	*07/06/26 07:04*	*07/06/26 18:49*	*1*

Client Sample ID: RI-BH-6 4-6'
Lab Sample ID: 480-240063-17
Date Collected: 07/01/26 09:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		65 - 174	07/06/26 07:04	07/06/26 18:49	1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1

Client Sample ID: RI-BH-6 4-6'
Lab Sample ID: 480-240063-17
Date Collected: 07/01/26 09:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/14/26 07:54	07/18/26 15:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*78.8*		*8 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C5 PFPeA	*73.1*		*35 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C5 PFHxA	*80.4*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C4 PFHpA	*68.6*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C8 PFOA	*75.4*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C9 PFNA	*70.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C6 PFDA	*67.7*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C7 PFUnA	*69.1*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C2 PFTeDA	*48.6*		*20 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C3 PFBS	*67.9*		*40 - 135*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C3 PFHxS	*67.5*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C8 PFOS	*57.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C8 FOSA	*67.1*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
d3-NMeFOSAA	*57.1*		*40 - 135*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
d5-NEtFOSAA	*54.6*		*40 - 150*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C2 4:2 FTS	*70.8*		*40 - 165*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C2 6:2 FTS	*84.1*		*40 - 215*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C2 8:2 FTS	*146*		*40 - 275*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C3 HFPO-DA	*80.4*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
d7-N-MeFOSE-M	*35.9*		*20 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
d9-N-EtFOSE-M	*31.5*		*15 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
d5-NEtPFOSA	*47.8*		*10 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
d3-NMePFOSA	*57.7*		*10 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C2 PFDoA	*59.7*		*40 - 130*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C3-PFDoS	*51.8*		*20 - 150*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C3-3:3 FTCA	*87.9*		*20 - 150*	*07/14/26 07:54*	*07/18/26 15:48*	*1*
13C3-5:3 FTCA	*84.3*		*20 - 150*	*07/14/26 07:54*	*07/18/26 15:48*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16500**		11.2	9.6	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Antimony	ND		16.7	0.59	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Arsenic	**3.9**		2.2	0.98	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Barium	**155**		0.56	0.16	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Beryllium	**0.67**		0.22	0.045	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Cadmium	**0.22**		0.22	0.078	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1

Client Sample ID: RI-BH-6 4-6'
Lab Sample ID: 480-240063-17
Date Collected: 07/01/26 09:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	64100		55.8	30.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Chromium	20.4		0.56	0.40	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Cobalt	9.7		0.56	0.11	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Copper	16.2		1.1	0.64	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Iron	19900		11.2	9.5	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Lead	8.6		1.1	0.51	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Magnesium	28500		22.3	9.5	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Manganese	432		1.1	0.31	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Nickel	18.4		5.6	0.28	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Potassium	5600		33.5	27.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Selenium	ND		4.5	0.89	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Silver	0.42	J ^5-	0.67	0.22	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Sodium	353		156	68.5	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Thallium	ND		6.7	0.85	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Vanadium	32.6		0.56	0.15	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1
Zinc	69.3		2.2	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:48	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.010	J	0.023	0.0053	mg/Kg	☼	07/08/26 11:56	07/08/26 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.51	mg/Kg	☼	07/09/26 14:02	07/10/26 15:03	1

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.8	0.42	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.95	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,1,2-Trichloroethane	ND	vs	5.8	0.76	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,1-Dichloroethane	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,1-Dichloroethene	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,2,4-Trichlorobenzene	ND	vs	5.8	0.36	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,2-Dichlorobenzene	ND	vs	5.8	0.46	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,2-Dichloroethane	ND	vs	5.8	0.29	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,2-Dichloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,3-Dichlorobenzene	ND	vs	5.8	0.30	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,4-Dichlorobenzene	ND	vs	5.8	0.82	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
2-Butanone (MEK)	ND	*+ vs	29	2.1	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Acetone	ND	*+ vs	29	4.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Benzene	ND	vs	5.8	0.29	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Bromoform	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND	vs	5.8	0.53	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Carbon disulfide	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Carbon tetrachloride	ND	vs	5.8	0.57	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Chlorobenzene	ND	vs	5.8	0.77	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Dibromochloromethane	ND	vs	5.8	0.75	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Chloroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Chloroform	**1.2**	**J B vs**	5.8	0.36	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Chloromethane	ND	*+ vs	5.8	0.35	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
cis-1,2-Dichloroethene	ND	vs	5.8	0.75	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Cyclohexane	ND	vs	5.8	0.82	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Bromodichloromethane	ND	vs	5.8	0.78	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Dichlorodifluoromethane	ND	vs	5.8	0.48	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Ethylbenzene	ND	vs	5.8	0.40	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
1,2-Dibromoethane	ND	vs	5.8	0.75	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Isopropylbenzene	ND	vs	5.8	0.88	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Methyl tert-butyl ether	ND	vs	5.8	0.57	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Methylcyclohexane	ND	vs	5.8	0.89	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Methylene Chloride	ND	vs	5.8	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Tetrachloroethene	ND	vs	5.8	0.78	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Toluene	ND	vs	5.8	0.44	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
trans-1,2-Dichloroethene	ND	vs	5.8	0.60	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
trans-1,3-Dichloropropene	ND	vs	5.8	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Trichloroethene	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Trichlorofluoromethane	ND	vs	5.8	0.55	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Vinyl chloride	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Xylenes, Total	ND	vs	12	0.98	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
cis-1,3-Dichloropropene	ND	vs	5.8	0.84	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1
Styrene	ND	vs	5.8	0.29	ug/Kg	☼	07/06/26 18:21	07/07/26 00:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/07/26 00:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*07/06/26 18:21*	*07/07/26 00:14*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 126*	*07/06/26 18:21*	*07/07/26 00:14*	*1*
Toluene-d8 (Surr)	*87*		*71 - 125*	*07/06/26 18:21*	*07/07/26 00:14*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*07/06/26 18:21*	*07/07/26 00:14*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
bis (2-chloroisopropyl) ether	ND		1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
2,4,5-Trichlorophenol	ND		1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
2,4,6-Trichlorophenol	ND		1000	150	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
2,4-Dichlorophenol	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
2,4-Dimethylphenol	ND		1000	210	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
2,4-Dinitrophenol	ND		9800	190	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
2,4-Dinitrotoluene	ND		1000	140	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
2,6-Dinitrotoluene	ND		1000	140	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
1,4-Dioxane	ND		590	220	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
2-Chlorophenol	ND		1000	160	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
2-Methylphenol	ND		1000	160	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
2-Methylnaphthalene	ND		1000	160	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
2-Nitroaniline	ND		1900	170	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
2-Nitrophenol	ND		1000	110	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
3,3'-Dichlorobenzidine	ND		1900	290	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
3-Nitroaniline	ND		1900	140	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
4,6-Dinitro-2-methylphenol	ND		1900	220	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
4-Bromophenyl phenyl ether	ND		1000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
4-Chloro-3-methylphenol	ND		1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
4-Chloroaniline	ND		1000	140	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
4-Chlorophenyl phenyl ether	ND		1000	210	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
4-Methylphenol	ND		1900	180	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
4-Nitroaniline	ND		1900	150	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
4-Nitrophenol	ND		1900	270	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Acenaphthene	ND		1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Acenaphthylene	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Acetophenone	ND		1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Anthracene	**390**	**J**	1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Atrazine	ND		1000	340	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Benzaldehyde	ND		1000	760	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Benzo[a]anthracene	**1100**		1000	140	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Benzo[a]pyrene	**1000**		1000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Benzo[b]fluoranthene	**1300**		1000	130	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Benzo[g,h,i]perylene	**570**	**J**	1000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Benzo[k]fluoranthene	**560**	**J**	1000	220	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Bis(2-chloroethoxy)methane	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Bis(2-chloroethyl)ether	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Bis(2-ethylhexyl) phthalate	ND		1000	220	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Butyl benzyl phthalate	ND		1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Caprolactam	ND		1000	230	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Carbazole	ND		1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Chrysene	**1100**		1000	240	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Dibenz(a,h)anthracene	**200**	**J**	1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Di-n-butyl phthalate	ND		1000	220	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Di-n-octyl phthalate	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Dibenzofuran	ND		1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Diethyl phthalate	ND		1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Dimethyl phthalate	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Fluoranthene	**2400**		1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Fluorene	ND		1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Hexachlorobenzene	ND		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Hexachlorobutadiene	ND		1000	150	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Hexachlorocyclopentadiene	ND		1900	440	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Hexachloroethane	ND		1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Indeno[1,2,3-cd]pyrene	**560**	**J**	1000	150	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Isophorone	ND		1000	200	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18

Date Collected: 07/01/26 12:00
Matrix: Solid

Date Received: 07/01/26 16:00
Percent Solids: 83.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		1000	220	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
N-Nitrosodiphenylamine	ND		1000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Naphthalene	ND		1000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Nitrobenzene	ND		1000	170	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Pentachlorophenol	ND		1900	320	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Phenanthrene	**1400**		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Phenol	ND		1000	180	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5
Pyrene	**1800**		1000	190	ug/Kg	☼	07/02/26 13:17	07/07/26 07:59	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5400*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/07/26 07:59*	*5*
Benzo[j]fluoranthene	*820*	*T J N*	*ug/Kg*	☼	*14.44*	*205-82-3*	*07/02/26 13:17*	*07/07/26 07:59*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*86*		*22 - 120*	*07/02/26 13:17*	*07/07/26 07:59*	*5*
Phenol-d5 (Surr)	*78*		*23 - 120*	*07/02/26 13:17*	*07/07/26 07:59*	*5*
p-Terphenyl-d14 (Surr)	*83*		*28 - 124*	*07/02/26 13:17*	*07/07/26 07:59*	*5*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 140*	*07/02/26 13:17*	*07/07/26 07:59*	*5*
2-Fluorobiphenyl (Surr)	*81*		*29 - 120*	*07/02/26 13:17*	*07/07/26 07:59*	*5*
2-Fluorophenol (Surr)	*82*		*18 - 120*	*07/02/26 13:17*	*07/07/26 07:59*	*5*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		77	15	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
4,4'-DDE	ND		77	16	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
4,4'-DDT	ND		77	18	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
beta-BHC	ND		77	14	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
cis-Chlordane	ND		77	38	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
alpha-BHC	ND		77	14	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
Aldrin	ND		77	19	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
delta-BHC	ND		77	14	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
Dieldrin	ND		77	18	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
Endosulfan I	ND		77	15	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
Endosulfan II	ND		77	14	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
Endosulfan sulfate	ND		77	14	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
Endrin	ND		77	15	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
Endrin aldehyde	ND		77	20	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
Endrin ketone	ND		77	19	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
gamma-BHC (Lindane)	ND		77	14	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
trans-Chlordane	ND		77	24	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
Heptachlor	ND		77	17	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
Heptachlor epoxide	ND		77	20	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
Methoxychlor	**20**	**J**	77	16	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20
Toxaphene	ND		770	450	ug/Kg	☼	07/06/26 06:47	07/08/26 10:48	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 06:47*	*07/08/26 10:48*	*20*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 06:47*	*07/08/26 10:48*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 06:47*	*07/08/26 10:48*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 06:47*	*07/08/26 10:48*	*20*

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18

Date Collected: 07/01/26 12:00
Matrix: Solid

Date Received: 07/01/26 16:00
Percent Solids: 83.3

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	☼	07/06/26 07:04	07/06/26 19:08	1
PCB-1221	ND		0.23	0.045	mg/Kg	☼	07/06/26 07:04	07/06/26 19:08	1
PCB-1232	ND		0.23	0.045	mg/Kg	☼	07/06/26 07:04	07/06/26 19:08	1
PCB-1242	ND		0.23	0.045	mg/Kg	☼	07/06/26 07:04	07/06/26 19:08	1
PCB-1248	ND		0.23	0.045	mg/Kg	☼	07/06/26 07:04	07/06/26 19:08	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	07/06/26 07:04	07/06/26 19:08	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	07/06/26 07:04	07/06/26 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*60 - 154*	*07/06/26 07:04*	*07/06/26 19:08*	*1*
Tetrachloro-m-xylene	*105*		*60 - 154*	*07/06/26 07:04*	*07/06/26 19:08*	*1*
DCB Decachlorobiphenyl	*107*		*65 - 174*	*07/06/26 07:04*	*07/06/26 19:08*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*07/06/26 07:04*	*07/06/26 19:08*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.38	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.19	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.19	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.19	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/14/26 07:54	07/18/26 16:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*86.8*		*8 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C5 PFPeA	*77.4*		*35 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C5 PFHxA	*88.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C4 PFHpA	*80.1*		*40 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C8 PFOA	*79.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C9 PFNA	*78.5*		*40 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C6 PFDA	*74.3*		*40 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C7 PFUnA	*77.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C2 PFTeDA	*54.4*		*20 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C3 PFBS	*83.4*		*40 - 135*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C3 PFHxS	*79.7*		*40 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C8 PFOS	*66.9*		*40 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C8 FOSA	*74.4*		*40 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
d3-NMeFOSAA	*61.2*		*40 - 135*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
d5-NEtFOSAA	*58.4*		*40 - 150*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C2 4:2 FTS	*79.2*		*40 - 165*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C2 6:2 FTS	*95.4*		*40 - 215*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C2 8:2 FTS	*166*		*40 - 275*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C3 HFPO-DA	*84.3*		*40 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
d7-N-MeFOSE-M	*43.4*		*20 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
d9-N-EtFOSE-M	*38.6*		*15 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
d5-NEtPFOSA	*50.1*		*10 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
d3-NMePFOSA	*64.7*		*10 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C2 PFDoA	*64.6*		*40 - 130*	*07/14/26 07:54*	*07/18/26 16:01*	*1*

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3-PFDoS	*55.4*		*20 - 150*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C3-3:3 FTCA	*92.5*		*20 - 150*	*07/14/26 07:54*	*07/18/26 16:01*	*1*
13C3-5:3 FTCA	*85.9*		*20 - 150*	*07/14/26 07:54*	*07/18/26 16:01*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**18500**		11.9	10.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Antimony	ND		17.8	0.63	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Arsenic	**8.6**		2.4	1.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Barium	**152**		0.59	0.17	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Beryllium	**0.85**		0.24	0.047	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Cadmium	**0.39**		0.24	0.083	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Calcium	**24100**		59.3	32.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Chromium	**25.2**		0.59	0.43	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Cobalt	**10.6**		0.59	0.12	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Copper	**53.0**		1.2	0.68	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Iron	**28200**		11.9	10.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Lead	**273**		1.2	0.55	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Magnesium	**9990**		23.7	10.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Manganese	**253**		1.2	0.33	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Nickel	**22.2**		5.9	0.30	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Potassium	**4020**		35.6	28.8	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Selenium	ND		4.7	0.95	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Silver	**0.56**	**J ^5-**	0.71	0.24	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Sodium	**182**		166	72.7	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Thallium	ND		7.1	0.90	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Vanadium	**38.9**		0.59	0.15	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1
Zinc	**220**		2.4	1.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.53**		0.025	0.0057	mg/Kg	☼	07/08/26 11:56	07/08/26 15:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.2	0.58	mg/Kg	☼	07/09/26 14:02	07/10/26 15:04	1

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 84.4

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.8	0.42	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.95	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
1,1,2-Trichloroethane	ND	vs	5.8	0.76	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
1,1-Dichloroethane	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
1,1-Dichloroethene	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 84.4

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	vs	5.8	0.46	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
1,2-Dichloroethane	ND	vs	5.8	0.29	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
1,2-Dichloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
1,3-Dichlorobenzene	ND	vs	5.8	0.30	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
1,4-Dichlorobenzene	ND	vs	5.8	0.82	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
2-Butanone (MEK)	ND	*+ vs	29	2.1	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Acetone	ND	*+ vs	29	4.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Benzene	ND	vs	5.8	0.29	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Bromoform	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Bromomethane	ND	vs	5.8	0.52	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Carbon disulfide	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Carbon tetrachloride	ND	vs	5.8	0.56	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Chlorobenzene	ND	vs	5.8	0.77	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Dibromochloromethane	ND	vs	5.8	0.75	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Chloroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Chloroform	**1.3**	**J B vs**	5.8	0.36	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Chloromethane	ND	*+ vs	5.8	0.35	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
cis-1,2-Dichloroethene	ND	vs	5.8	0.75	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Cyclohexane	ND	vs	5.8	0.82	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Bromodichloromethane	ND	vs	5.8	0.78	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Dichlorodifluoromethane	ND	vs	5.8	0.48	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Ethylbenzene	ND	vs	5.8	0.40	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
1,2-Dibromoethane	ND	vs	5.8	0.75	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Isopropylbenzene	ND	vs	5.8	0.88	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Methyl tert-butyl ether	ND	vs	5.8	0.57	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Methylcyclohexane	ND	vs	5.8	0.89	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Methylene Chloride	ND	vs	5.8	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Tetrachloroethene	ND	vs	5.8	0.78	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Toluene	ND	vs	5.8	0.44	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
trans-1,2-Dichloroethene	ND	vs	5.8	0.60	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
trans-1,3-Dichloropropene	ND	vs	5.8	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Trichloroethene	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Trichlorofluoromethane	ND	vs	5.8	0.55	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Vinyl chloride	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Xylenes, Total	ND	vs	12	0.98	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
cis-1,3-Dichloropropene	ND	vs	5.8	0.84	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1
Styrene	ND	vs	5.8	0.29	ug/Kg	☼	07/06/26 18:21	07/07/26 00:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/07/26 00:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*07/06/26 18:21*	*07/07/26 00:38*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 126*	*07/06/26 18:21*	*07/07/26 00:38*	*1*
Toluene-d8 (Surr)	*87*		*71 - 125*	*07/06/26 18:21*	*07/07/26 00:38*	*1*
Dibromofluoromethane (Surr)	*110*		*60 - 140*	*07/06/26 18:21*	*07/07/26 00:38*	*1*

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 84.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
bis (2-chloroisopropyl) ether	ND		990	200	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2,4,5-Trichlorophenol	ND		990	200	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2,4,6-Trichlorophenol	ND		990	150	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2,4-Dichlorophenol	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2,4-Dimethylphenol	ND		990	210	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2,4-Dinitrophenol	ND		9700	190	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2,4-Dinitrotoluene	ND		990	130	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2,6-Dinitrotoluene	ND		990	140	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2-Chloronaphthalene	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
1,4-Dioxane	ND		580	220	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2-Chlorophenol	ND		990	150	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2-Methylphenol	ND		990	160	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2-Methylnaphthalene	ND		990	160	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2-Nitroaniline	ND		1900	170	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
2-Nitrophenol	ND		990	110	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
3,3'-Dichlorobenzidine	ND		1900	290	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
3-Nitroaniline	ND		1900	140	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
4,6-Dinitro-2-methylphenol	ND		1900	220	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
4-Bromophenyl phenyl ether	ND		990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
4-Chloro-3-methylphenol	ND		990	200	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
4-Chloroaniline	ND		990	140	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
4-Chlorophenyl phenyl ether	ND		990	210	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
4-Methylphenol	ND		1900	180	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
4-Nitroaniline	ND		1900	140	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
4-Nitrophenol	ND		1900	270	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Acenaphthene	**240**	**J**	990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Acenaphthylene	**1400**		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Acetophenone	ND		990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Anthracene	**3600**		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Atrazine	ND		990	330	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Benzaldehyde	ND		990	750	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Benzo[a]anthracene	**6600**		990	140	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Benzo[a]pyrene	**4700**		990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Benzo[b]fluoranthene	**5300**		990	130	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Benzo[g,h,i]perylene	**2000**		990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Benzo[k]fluoranthene	**3100**		990	220	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Bis(2-chloroethoxy)methane	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Bis(2-chloroethyl)ether	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Bis(2-ethylhexyl) phthalate	ND		990	210	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Butyl benzyl phthalate	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Caprolactam	ND		990	230	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Carbazole	**260**	**J**	990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Chrysene	**6100**		990	240	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Dibenz(a,h)anthracene	**740**	**J**	990	200	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Di-n-butyl phthalate	ND		990	220	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Di-n-octyl phthalate	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Dibenzofuran	**700**	**J**	990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Diethyl phthalate	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 84.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Fluoranthene	**15000**		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Fluorene	**1500**		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Hexachlorobenzene	ND		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Hexachlorobutadiene	ND		990	150	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Hexachlorocyclopentadiene	ND		1900	430	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Hexachloroethane	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Indeno[1,2,3-cd]pyrene	**2200**		990	150	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Isophorone	ND		990	200	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
N-Nitrosodi-n-propylamine	ND		990	220	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
N-Nitrosodiphenylamine	ND		990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Naphthalene	**160**	**J**	990	160	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Nitrobenzene	ND		990	170	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Pentachlorophenol	ND		1900	310	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Phenanthrene	**13000**		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Phenol	ND		990	180	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5
Pyrene	**11000**		990	190	ug/Kg	☼	07/02/26 13:17	07/07/26 08:23	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6100*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
Dibenzofuran, 4-methyl-	*1000*	*T J N*	*ug/Kg*	☼	*10.16*	*7320-53-8*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
Anthracene, 1-methyl-	*2200*	*T J N*	*ug/Kg*	☼	*11.46*	*610-48-0*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
Phenanthrene, 2-methyl-	*3300*	*T J N*	*ug/Kg*	☼	*11.49*	*2531-84-2*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
Anthracene, 2-methyl-	*1400*	*T J N*	*ug/Kg*	☼	*11.53*	*613-12-7*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
Unknown	*3400*	*T J*	*ug/Kg*	☼	*11.56*	*N/A*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
Phenanthrene, 1-methyl-	*2000*	*T J N*	*ug/Kg*	☼	*11.59*	*832-69-9*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
2-Phenylnaphthalene	*2100*	*T J N*	*ug/Kg*	☼	*11.75*	*35465-71-5*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
Phenanthrene, 2,3-dimethyl-	*1500*	*T J N*	*ug/Kg*	☼	*11.98*	*3674-65-5*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
Pyrene, 1-methyl-	*790*	*T J N*	*ug/Kg*	☼	*12.52*	*2381-21-7*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
11H-Benzo[b]fluorene	*1400*	*T J N*	*ug/Kg*	☼	*12.61*	*243-17-4*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
Triphenylene, 2-methyl-	*960*	*T J N*	*ug/Kg*	☼	*13.70*	*1705-84-6*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
Benzo[e]pyrene	*1300*	*T J N*	*ug/Kg*	☼	*14.31*	*192-97-2*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
Perylene	*3200*	*T J N*	*ug/Kg*	☼	*14.44*	*198-55-0*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
1,2:7,8-Dibenzophenanthrene	*880*	*T J N*	*ug/Kg*	☼	*15.61*	*213-46-7*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
di(p-Nitrophenyl) sulfide	*1200*	*T J N*	*ug/Kg*	☼	*15.88*	*1223-31-0*	*07/02/26 13:17*	*07/07/26 08:23*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*87*		*22 - 120*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
Phenol-d5 (Surr)	*83*		*23 - 120*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
p-Terphenyl-d14 (Surr)	*83*		*28 - 124*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 140*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
2-Fluorobiphenyl (Surr)	*84*		*29 - 120*	*07/02/26 13:17*	*07/07/26 08:23*	*5*
2-Fluorophenol (Surr)	*82*		*18 - 120*	*07/02/26 13:17*	*07/07/26 08:23*	*5*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		38	7.4	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
4,4'-DDE	ND		38	8.0	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
4,4'-DDT	**22**	**J**	38	8.9	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
beta-BHC	ND		38	6.8	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 84.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	ND		38	19	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
alpha-BHC	ND		38	6.8	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
Aldrin	ND		38	9.3	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
delta-BHC	**7.9**	**J**	38	7.0	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
Dieldrin	ND		38	9.1	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
Endosulfan I	ND		38	7.3	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
Endosulfan II	ND		38	6.8	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
Endosulfan sulfate	ND		38	7.1	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
Endrin	ND		38	7.5	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
Endrin aldehyde	ND		38	9.7	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
Endrin ketone	**14**	**J**	38	9.3	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
gamma-BHC (Lindane)	**10**	**J**	38	7.0	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
trans-Chlordane	ND		38	12	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
Heptachlor	ND		38	8.2	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
Heptachlor epoxide	ND		38	9.8	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
Methoxychlor	**12**	**J**	38	7.7	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10
Toxaphene	ND		380	220	ug/Kg	☼	07/06/26 06:47	07/08/26 11:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*45 - 120*	*07/06/26 06:47*	*07/08/26 11:08*	*10*
DCB Decachlorobiphenyl	*210*	*S1+*	*45 - 120*	*07/06/26 06:47*	*07/08/26 11:08*	*10*
Tetrachloro-m-xylene	*108*		*30 - 124*	*07/06/26 06:47*	*07/08/26 11:08*	*10*
Tetrachloro-m-xylene	*74*		*30 - 124*	*07/06/26 06:47*	*07/08/26 11:08*	*10*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.29	0.057	mg/Kg	☼	07/06/26 07:04	07/06/26 19:26	1
PCB-1221	ND		0.29	0.057	mg/Kg	☼	07/06/26 07:04	07/06/26 19:26	1
PCB-1232	ND		0.29	0.057	mg/Kg	☼	07/06/26 07:04	07/06/26 19:26	1
PCB-1242	ND		0.29	0.057	mg/Kg	☼	07/06/26 07:04	07/06/26 19:26	1
PCB-1248	ND		0.29	0.057	mg/Kg	☼	07/06/26 07:04	07/06/26 19:26	1
PCB-1254	ND		0.29	0.14	mg/Kg	☼	07/06/26 07:04	07/06/26 19:26	1
PCB-1260	ND		0.29	0.14	mg/Kg	☼	07/06/26 07:04	07/06/26 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*97*		*60 - 154*	*07/06/26 07:04*	*07/06/26 19:26*	*1*
Tetrachloro-m-xylene	*110*		*60 - 154*	*07/06/26 07:04*	*07/06/26 19:26*	*1*
DCB Decachlorobiphenyl	*117*		*65 - 174*	*07/06/26 07:04*	*07/06/26 19:26*	*1*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*07/06/26 07:04*	*07/06/26 19:26*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.058	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 84.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.49	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.49	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.49	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.49	ng/g	☼	07/14/26 07:54	07/18/26 16:15	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 84.4

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	87.5		8 - 130	07/14/26 07:54	07/18/26 16:15	1
13C5 PFPeA	80.8		35 - 130	07/14/26 07:54	07/18/26 16:15	1
13C5 PFHxA	86.3		40 - 130	07/14/26 07:54	07/18/26 16:15	1
13C4 PFHpA	76.1		40 - 130	07/14/26 07:54	07/18/26 16:15	1
13C8 PFOA	80.8		40 - 130	07/14/26 07:54	07/18/26 16:15	1
13C9 PFNA	80.4		40 - 130	07/14/26 07:54	07/18/26 16:15	1
13C6 PFDA	77.6		40 - 130	07/14/26 07:54	07/18/26 16:15	1
13C7 PFUnA	80.4		40 - 130	07/14/26 07:54	07/18/26 16:15	1
13C2 PFTeDA	59.3		20 - 130	07/14/26 07:54	07/18/26 16:15	1
13C3 PFBS	81.2		40 - 135	07/14/26 07:54	07/18/26 16:15	1
13C3 PFHxS	75.2		40 - 130	07/14/26 07:54	07/18/26 16:15	1
13C8 PFOS	72.0		40 - 130	07/14/26 07:54	07/18/26 16:15	1
13C8 FOSA	74.9		40 - 130	07/14/26 07:54	07/18/26 16:15	1
d3-NMeFOSAA	66.1		40 - 135	07/14/26 07:54	07/18/26 16:15	1
d5-NEtFOSAA	58.0		40 - 150	07/14/26 07:54	07/18/26 16:15	1
13C2 4:2 FTS	85.6		40 - 165	07/14/26 07:54	07/18/26 16:15	1
13C2 6:2 FTS	96.3		40 - 215	07/14/26 07:54	07/18/26 16:15	1
13C2 8:2 FTS	168		40 - 275	07/14/26 07:54	07/18/26 16:15	1
13C3 HFPO-DA	85.1		40 - 130	07/14/26 07:54	07/18/26 16:15	1
d7-N-MeFOSE-M	49.0		20 - 130	07/14/26 07:54	07/18/26 16:15	1
d9-N-EtFOSE-M	47.3		15 - 130	07/14/26 07:54	07/18/26 16:15	1
d5-NEtPFOSA	51.7		10 - 130	07/14/26 07:54	07/18/26 16:15	1
d3-NMePFOSA	65.7		10 - 130	07/14/26 07:54	07/18/26 16:15	1
13C2 PFDoA	68.2		40 - 130	07/14/26 07:54	07/18/26 16:15	1
13C3-PFDoS	63.1		20 - 150	07/14/26 07:54	07/18/26 16:15	1
13C3-3:3 FTCA	95.4		20 - 150	07/14/26 07:54	07/18/26 16:15	1
13C3-5:3 FTCA	89.3		20 - 150	07/14/26 07:54	07/18/26 16:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9250**		12.0	10.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Antimony	ND		17.9	0.63	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Arsenic	**2.5**		2.4	1.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Barium	**46.7**		0.60	0.17	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Beryllium	**0.38**		0.24	0.048	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Cadmium	**0.15**	**J**	0.24	0.084	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Calcium	**71300**		59.8	32.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Chromium	**12.2**		0.60	0.43	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Cobalt	**5.7**		0.60	0.12	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Copper	**10.3**		1.2	0.68	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Iron	**12800**		12.0	10.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Lead	**10.7**		1.2	0.55	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Magnesium	**35200**		23.9	10.1	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Manganese	**411**		1.2	0.33	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Nickel	**10.2**		6.0	0.30	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Potassium	**3090**		35.9	29.0	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Selenium	ND		4.8	0.96	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Silver	**0.32**	**J ^5-**	0.72	0.24	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Sodium	**293**		167	73.3	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Thallium	ND		7.2	0.91	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1
Vanadium	**21.7**		0.60	0.16	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 84.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	49.3		2.4	1.2	mg/Kg	☼	07/02/26 16:16	07/06/26 17:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0078	J	0.023	0.0053	mg/Kg	☼	07/08/26 11:56	07/08/26 15:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1	0.53	mg/Kg	☼	07/09/26 14:02	07/10/26 15:04	1

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)	(60-140)
480-240063-1	RI-BH-3 1-3'	103	94	112	102
480-240063-2	RI-BH-4 1-3'	110	103	102	104
480-240063-3	RI-BH-9 1-3'	102	99	106	98
480-240063-4	RI-BH-10 1-3'	107	102	102	101
480-240063-5	RI-BH-11 1-3'	99	99	107	98
480-240063-6	RI-BH-1 1-3'	102	101	104	98
480-240063-7	RI-BH-1 8-10'	99	102	103	101
480-240063-8	RI-BH-2 1-3'	101	102	103	97
480-240063-9	RI-BH-2 8-10	100	102	103	99
480-240063-10	RI-BH-8 1-3'	98	101	102	96
480-240063-11	RI-BH-8 8-10'	103	99	104	100
480-240063-12	RI-BH-12 1-3'	103	100	107	101
480-240063-13	RI-BH-12 8-10	100	102	108	99
480-240063-13 MS	RI-BH-12 8-10	87	95	109	91
480-240063-13 MSD	RI-BH-12 8-10	90	95	108	92
480-240063-14	RI-BH-5 1-3'	100	105	85	109
480-240063-15	RI-BH-5 4-6'	101	107	86	109
480-240063-16	RI-BH-6 1-3'	100	106	87	109
480-240063-17	RI-BH-6 4-6'	99	106	86	106
480-240063-18	RI-BH-7 1-3'	103	107	87	105
480-240063-19	RI-BH-7 4-6'	101	107	87	110
LCS 480-779978/1-A	Lab Control Sample	97	104	86	106
LCS 480-779979/1-A	Lab Control Sample	101	102	102	97
MB 480-779978/2-A	Method Blank	100	105	86	107
MB 480-779979/2-A	Method Blank	100	101	102	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	PHL	TPHd14	TBP	FBP	2FP
Lab Sample ID	Client Sample ID	(22-120)	(23-120)	(28-124)	(10-140)	(29-120)	(18-120)
480-240063-1	RI-BH-3 1-3'	82	84	88	83	81	80
480-240063-2	RI-BH-4 1-3'	94	90	102	93	96	88
480-240063-3	RI-BH-9 1-3'	90	91	99	93	91	87
480-240063-4	RI-BH-10 1-3'	84	84	82	83	82	84
480-240063-5	RI-BH-11 1-3'	96	86	95	95	96	87
480-240063-6	RI-BH-1 1-3'	86	85	93	88	86	81
480-240063-7	RI-BH-1 8-10'	89	88	102	94	92	84
480-240063-8	RI-BH-2 1-3'	89	87	96	89	89	84
480-240063-9	RI-BH-2 8-10	93	94	99	96	97	92
480-240063-10	RI-BH-8 1-3'	89	90	99	95	93	88
480-240063-11	RI-BH-8 8-10'	88	86	96	93	91	83
480-240063-12	RI-BH-12 1-3'	87	84	84	79	86	86

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	NBZ (22-120)	PHL (23-120)	TPHd14 (28-124)	TBP (10-140)	FBP (29-120)	2FP (18-120)
480-240063-13	RI-BH-12 8-10	89	89	94	81	90	86
480-240063-14	RI-BH-5 1-3'	81	73	64	78	78	80
480-240063-15	RI-BH-5 4-6'	81	80	87	77	81	76
480-240063-16	RI-BH-6 1-3'	91	84	81	87	84	91
480-240063-17	RI-BH-6 4-6'	97	93	99	92	97	91
480-240063-18	RI-BH-7 1-3'	86	78	83	80	81	82
480-240063-19	RI-BH-7 4-6'	87	83	83	74	84	82
LCS 480-779822/2-A	Lab Control Sample	93	92	98	106	94	89
MB 480-779822/1-A	Method Blank	84	84	98	95	87	80

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (45-120)	DCBP2 (45-120)	TCX1 (30-124)	TCX2 (30-124)
480-240063-1	RI-BH-3 1-3'	73	90	64	54
480-240063-2	RI-BH-4 1-3'	75	76	88	84
480-240063-2 MS	RI-BH-4 1-3'	72	82	87	78
480-240063-2 MSD	RI-BH-4 1-3'	55	69	73	71
480-240063-3	RI-BH-9 1-3'	49	61	62	48
480-240063-4	RI-BH-10 1-3'	142 S1+	218 S1+	182 S1+	119
480-240063-5	RI-BH-11 1-3'	85	95	78	69
480-240063-6	RI-BH-1 1-3'	77	81	73	61
480-240063-7	RI-BH-1 8-10'	75	88	85	76
480-240063-8	RI-BH-2 1-3'	0 S1-	0 S1-	0 S1-	0 S1-
480-240063-9	RI-BH-2 8-10	86	90	96	84
480-240063-10	RI-BH-8 1-3'	82	94	93	78
480-240063-11	RI-BH-8 8-10'	76	81	79	69
480-240063-12	RI-BH-12 1-3'	88	170 S1+	91	76
480-240063-13	RI-BH-12 8-10	75	79	57	64
480-240063-14	RI-BH-5 1-3'	0 S1-	0 S1-	0 S1-	0 S1-
480-240063-15	RI-BH-5 4-6'	81	100	83	84
480-240063-16	RI-BH-6 1-3'	116	119	92	77
480-240063-17	RI-BH-6 4-6'	82	106	39	72
480-240063-18	RI-BH-7 1-3'	0 S1-	0 S1-	0 S1-	0 S1-
480-240063-19	RI-BH-7 4-6'	74	210 S1+	108	74
LCS 480-779888/2-A	Lab Control Sample	85	85	85	62
MB 480-779888/1-A	Method Blank	90	87	80	68

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(60-154)	(65-174)	(65-174)
480-240063-1	RI-BH-3 1-3'	86	98	86	78
480-240063-2	RI-BH-4 1-3'	87	99	89	81
480-240063-2 MS	RI-BH-4 1-3'	98	113	107	99
480-240063-2 MSD	RI-BH-4 1-3'	95	109	105	97
480-240063-3	RI-BH-9 1-3'	83	100	84	78
480-240063-4	RI-BH-10 1-3'	88	100	88	82
480-240063-5	RI-BH-11 1-3'	90	103	92	87
480-240063-6	RI-BH-1 1-3'	92	106	98	87
480-240063-7	RI-BH-1 8-10'	92	105	91	88
480-240063-8	RI-BH-2 1-3'	94	107	94	87
480-240063-9	RI-BH-2 8-10	89	103	90	85
480-240063-10	RI-BH-8 1-3'	96	109	99	94
480-240063-11	RI-BH-8 8-10'	87	100	87	84
480-240063-12	RI-BH-12 1-3'	84	96	89	73
480-240063-13	RI-BH-12 8-10	89	101	106	86
480-240063-14	RI-BH-5 1-3'	88	101	103	83
480-240063-15	RI-BH-5 4-6'	88	100	104	85
480-240063-16	RI-BH-6 1-3'	93	105	111	90
480-240063-17	RI-BH-6 4-6'	89	101	105	86
480-240063-18	RI-BH-7 1-3'	91	105	107	87
480-240063-19	RI-BH-7 4-6'	97	110	117	94
LCS 480-779892/2-A	Lab Control Sample	100	113	109	101
MB 480-779892/1-A	Method Blank	96	108	104	96

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
480-240063-1	RI-BH-3 1-3'	87.8	96.1	95.8	94.6	82.6	83.8	73.5	63.3
480-240063-2	RI-BH-4 1-3'	89.6	103	99.9	99.4	80.2	89.1	75.2	74.1
480-240063-3	RI-BH-9 1-3'	94.0	103	109	107	97.5	101	86.0	84.7
480-240063-4	RI-BH-10 1-3'	84.4	92.8	92.5	94.0	85.5	81.8	73.4	63.6
480-240063-5	RI-BH-11 1-3'	77.5	93.5	90.6	92.9	80.7	76.2	70.9	66.9
480-240063-6	RI-BH-1 1-3'	80.8	87.3	87.6	96.0	76.4	81.1	67.5	64.2
480-240063-7	RI-BH-1 8-10'	87.5	102	99.0	98.7	85.2	89.5	67.3	63.1
480-240063-8	RI-BH-2 1-3'	82.6	89.3	92.7	89.3	88.2	78.6	66.9	58.8
480-240063-9	RI-BH-2 8-10	88.3	101	103	103	90.0	88.4	71.9	69.8
480-240063-10	RI-BH-8 1-3'	76.6	84.4	81.5	74.4	64.5	55.8	40.7	23.4 *5-
480-240063-10 MS	RI-BH-8 1-3'	73.9	83.9	83.2	84.3	76.2	76.7	73.3	69.2
480-240063-10 MSD	RI-BH-8 1-3'	76.2	84.4	83.0	83.8	70.4	72.9	67.7	64.0
480-240063-11	RI-BH-8 8-10'	80.3	76.5	84.8	74.3	78.9	76.3	79.5	76.8
480-240063-12	RI-BH-12 1-3'	80.0	81.3	82.1	79.6	75.9	70.0	70.9	74.9
480-240063-13	RI-BH-12 8-10	85.1	80.9	87.2	73.2	77.2	74.8	69.8	71.5
480-240063-14	RI-BH-5 1-3'	76.6	70.4	80.6	67.9	69.8	70.6	72.2	77.2
480-240063-15	RI-BH-5 4-6'	75.2	71.2	77.6	68.8	74.1	73.5	69.8	71.8
480-240063-16	RI-BH-6 1-3'	78.5	68.9	83.4	69.9	76.0	74.5	77.3	76.7
480-240063-17	RI-BH-6 4-6'	78.8	73.1	80.4	68.6	75.4	70.9	67.7	69.1
480-240063-18	RI-BH-7 1-3'	86.8	77.4	88.8	80.1	79.8	78.5	74.3	77.8
480-240063-19	RI-BH-7 4-6'	87.5	80.8	86.3	76.1	80.8	80.4	77.6	80.4
480-240063-19 MS	RI-BH-7 4-6'	83.9	79.3	84.5	77.3	79.6	72.1	72.9	74.5
480-240063-19 MSD	RI-BH-7 4-6'	86.9	77.5	86.5	78.7	84.2	82.8	84.6	87.9
LCS 410-848843/2-A	Lab Control Sample	81.8	88.0	88.5	90.0	80.8	83.0	75.5	65.5
LCS 410-851001/2-A	Lab Control Sample	103	94.1	105	92.3	95.8	88.7	81.7	77.4
LLCS 410-848843/3-A	Lab Control Sample	83.9	91.4	94.5	89.2	88.2	79.1	68.6	65.0
LLCS 410-851001/3-A	Lab Control Sample	98.2	90.3	102	90.9	89.6	88.9	87.0	89.5
MB 410-848843/1-A	Method Blank	97.7	110	111	113	98.2	92.3	86.3	81.5
MB 410-851001/1-A	Method Blank	97.3	92.9	99.6	91.2	91.6	89.6	85.5	95.8

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
480-240063-1	RI-BH-3 1-3'	44.0	84.3	82.1	72.4	73.5	79.9	79.0	181 *5+
480-240063-2	RI-BH-4 1-3'	52.1	78.7	78.8	75.1	66.2	57.1	58.5	74.7
480-240063-3	RI-BH-9 1-3'	55.0	92.0	89.3	86.8	84.3	71.8	71.8	84.8
480-240063-4	RI-BH-10 1-3'	35.4	78.6	74.9	65.4	69.2	60.9	58.7	85.8
480-240063-5	RI-BH-11 1-3'	47.8	74.5	69.5	55.0	64.7	56.9	59.4	71.3
480-240063-6	RI-BH-1 1-3'	40.2	79.7	70.4	65.7	68.5	60.8	59.9	84.3
480-240063-7	RI-BH-1 8-10'	49.8	81.9	69.5	61.1	71.1	57.4	60.8	84.1
480-240063-8	RI-BH-2 1-3'	47.9	73.8	65.4	53.8	68.7	60.0	62.3	79.4
480-240063-9	RI-BH-2 8-10	47.8	86.4	81.8	74.3	75.5	71.0	71.6	92.3
480-240063-10	RI-BH-8 1-3'	35.4	62.4	41.2	14.4 *5-	53.6	45.8	46.6	101
480-240063-10 MS	RI-BH-8 1-3'	56.3	70.8	72.0	68.0	66.9	68.9	74.4	114
480-240063-10 MSD	RI-BH-8 1-3'	55.3	76.1	72.5	68.0	69.9	71.0	75.7	126
480-240063-11	RI-BH-8 8-10'	60.6	76.3	75.7	67.9	74.5	61.7	58.1	82.6
480-240063-12	RI-BH-12 1-3'	53.9	77.4	72.2	60.6	68.2	58.1	52.5	80.2
480-240063-13	RI-BH-12 8-10	48.4	74.1	70.6	56.6	72.7	56.6	53.2	110
480-240063-14	RI-BH-5 1-3'	57.9	70.4	69.7	65.9	70.2	59.2	56.2	75.1
480-240063-15	RI-BH-5 4-6'	49.6	65.7	64.5	61.9	70.6	61.0	58.0	69.1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
480-240063-16	RI-BH-6 1-3'	56.7	71.1	65.7	64.1	73.0	62.0	56.0	73.3
480-240063-17	RI-BH-6 4-6'	48.6	67.9	67.5	57.9	67.1	57.1	54.6	70.8
480-240063-18	RI-BH-7 1-3'	54.4	83.4	79.7	66.9	74.4	61.2	58.4	79.2
480-240063-19	RI-BH-7 4-6'	59.3	81.2	75.2	72.0	74.9	66.1	58.0	85.6
480-240063-19 MS	RI-BH-7 4-6'	45.3	75.6	69.5	66.5	71.1	58.3	52.4	75.4
480-240063-19 MSD	RI-BH-7 4-6'	64.0	82.5	78.9	71.5	78.7	68.2	64.6	81.4
LCS 410-848843/2-A	Lab Control Sample	45.9	81.1	77.2	71.7	66.5	54.2	56.5	83.5
LCS 410-851001/2-A	Lab Control Sample	52.5	94.1	92.5	74.9	77.5	62.6	55.5	101
LLCS 410-848843/3-A	Lab Control Sample	46.0	83.1	81.0	71.7	67.7	54.4	54.3	79.5
LLCS 410-851001/3-A	Lab Control Sample	66.0	95.4	90.1	74.8	80.2	70.1	66.0	105
MB 410-848843/1-A	Method Blank	47.4	100	95.2	84.1	78.9	69.0	70.2	108
MB 410-851001/1-A	Method Blank	71.8	93.4	85.4	81.1	88.8	74.9	69.3	104

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
480-240063-1	RI-BH-3 1-3'	176	197	94.1	38.8	30.9	48.3	57.4	56.2
480-240063-2	RI-BH-4 1-3'	71.1	202	86.2	39.4	38.5	50.2	58.8	69.7
480-240063-3	RI-BH-9 1-3'	86.1	272	87.5	42.9	42.0	53.5	66.1	78.1
480-240063-4	RI-BH-10 1-3'	79.7	212	79.8	29.7	26.4	43.4	54.4	52.2
480-240063-5	RI-BH-11 1-3'	69.7	213	78.8	46.4	43.7	47.3	63.1	62.1
480-240063-6	RI-BH-1 1-3'	78.7	208	82.2	42.7	37.8	49.6	58.6	55.5
480-240063-7	RI-BH-1 8-10'	80.5	212	87.0	43.4	42.5	52.3	63.0	61.0
480-240063-8	RI-BH-2 1-3'	78.0	226	79.6	49.4	46.0	50.8	60.3	56.2
480-240063-9	RI-BH-2 8-10	92.5	218	86.7	42.1	38.7	51.0	62.2	64.0
480-240063-10	RI-BH-8 1-3'	79.9	149	74.4	42.9	40.4	38.7	46.4	17.6 *5-
480-240063-10 MS	RI-BH-8 1-3'	97.9	192	74.1	51.1	46.1	51.8	60.1	68.8
480-240063-10 MSD	RI-BH-8 1-3'	120	172	76.7	56.9	54.6	53.0	60.3	60.8
480-240063-11	RI-BH-8 8-10'	90.7	176	83.0	46.8	44.3	48.1	59.8	67.9
480-240063-12	RI-BH-12 1-3'	95.1	170	88.1	47.7	47.7	45.2	58.4	59.8
480-240063-13	RI-BH-12 8-10	118	155	84.9	50.9	49.0	51.4	65.3	64.9
480-240063-14	RI-BH-5 1-3'	91.5	192	82.3	55.3	56.0	52.2	63.1	66.8
480-240063-15	RI-BH-5 4-6'	83.0	160	79.6	44.7	40.9	43.2	57.1	62.0
480-240063-16	RI-BH-6 1-3'	82.9	166	78.8	42.2	33.6	51.5	62.7	65.4
480-240063-17	RI-BH-6 4-6'	84.1	146	80.4	35.9	31.5	47.8	57.7	59.7
480-240063-18	RI-BH-7 1-3'	95.4	166	84.3	43.4	38.6	50.1	64.7	64.6
480-240063-19	RI-BH-7 4-6'	96.3	168	85.1	49.0	47.3	51.7	65.7	68.2
480-240063-19 MS	RI-BH-7 4-6'	84.5	162	86.3	28.3	22.2	40.6	55.7	58.0
480-240063-19 MSD	RI-BH-7 4-6'	97.8	190	89.7	53.6	55.5	54.9	69.7	77.6
LCS 410-848843/2-A	Lab Control Sample	75.4	179	79.9	26.2	19.8	47.9	56.6	62.9
LCS 410-851001/2-A	Lab Control Sample	108	204	108	35.8	34.3	44.6	57.9	60.4
LLCS 410-848843/3-A	Lab Control Sample	77.5	196	85.3	34.7	31.7	46.2	54.1	58.9
LLCS 410-851001/3-A	Lab Control Sample	129	201	107	45.0	46.3	51.1	63.7	72.7
MB 410-848843/1-A	Method Blank	107	226	93.2	34.4	28.1	49.4	60.6	71.4
MB 410-851001/1-A	Method Blank	117	218	101	64.8	64.2	59.4	71.6	79.2

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		3C3-PFDo	3-3:3 FTC	3-5:3 FTC					
Lab Sample ID	Client Sample ID	(20-150)	(20-150)	(20-150)					
480-240063-1	RI-BH-3 1-3'	52.9	95.0	93.1					
480-240063-2	RI-BH-4 1-3'	57.8	97.3	93.1					

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)		
		3C3-PFDo	3-3:3 FTC	3-5:3 FTC
Lab Sample ID	Client Sample ID	(20-150)	(20-150)	(20-150)
480-240063-3	RI-BH-9 1-3'	59.2	102	88.8
480-240063-4	RI-BH-10 1-3'	40.4	90.3	83.3
480-240063-5	RI-BH-11 1-3'	52.9	84.4	79.4
480-240063-6	RI-BH-1 1-3'	47.9	80.6	74.0
480-240063-7	RI-BH-1 8-10'	54.6	91.8	87.1
480-240063-8	RI-BH-2 1-3'	54.9	80.3	79.1
480-240063-9	RI-BH-2 8-10	57.2	103	99.1
480-240063-10	RI-BH-8 1-3'	32.7	81.9	75.0
480-240063-10 MS	RI-BH-8 1-3'	59.1	77.8	81.5
480-240063-10 MSD	RI-BH-8 1-3'	60.7	81.0	84.1
480-240063-11	RI-BH-8 8-10'	57.9	89.0	94.3
480-240063-12	RI-BH-12 1-3'	52.5	89.8	97.3
480-240063-13	RI-BH-12 8-10	44.1	92.4	95.0
480-240063-14	RI-BH-5 1-3'	60.9	79.8	88.1
480-240063-15	RI-BH-5 4-6'	52.3	80.3	86.8
480-240063-16	RI-BH-6 1-3'	59.2	84.4	88.7
480-240063-17	RI-BH-6 4-6'	51.8	87.9	84.3
480-240063-18	RI-BH-7 1-3'	55.4	92.5	85.9
480-240063-19	RI-BH-7 4-6'	63.1	95.4	89.3
480-240063-19 MS	RI-BH-7 4-6'	47.5	93.7	92.8
480-240063-19 MSD	RI-BH-7 4-6'	63.9	97.4	95.6
LCS 410-848843/2-A	Lab Control Sample	54.7	89.2	82.4
LCS 410-851001/2-A	Lab Control Sample	58.1	119	123
LLCS 410-848843/3-A	Lab Control Sample	51.3	93.5	84.4
LLCS 410-851001/3-A	Lab Control Sample	68.9	117	115
MB 410-848843/1-A	Method Blank	62.2	111	99.4
MB 410-851001/1-A	Method Blank	70.7	108	119

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA
13C3-PFDoS = 13C3-PFDoS
C3-3:3 FTCA = 13C3-3:3 FTCA
C3-5:3 FTCA = 13C3-5:3 FTCA

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-779978/2-A
Matrix: Solid
Analysis Batch: 779982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
2-Hexanone	ND		25	2.5	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Acetone	ND		25	4.2	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Benzene	ND		5.0	0.25	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Bromoform	ND		5.0	2.5	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Bromomethane	ND		5.0	0.45	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Chloroethane	ND		5.0	1.1	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Chloroform	1.02	J	5.0	0.31	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Chloromethane	ND		5.0	0.30	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Cyclohexane	ND		5.0	0.70	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Methyl acetate	ND		25	3.0	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Toluene	ND		5.0	0.38	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Trichloroethene	ND		5.0	1.1	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Xylenes, Total	ND		10	0.84	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Styrene	ND		5.0	0.25	ug/Kg		07/06/26 18:21	07/06/26 21:27	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-779978/2-A
Matrix: Solid
Analysis Batch: 779982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779978

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg			N/A	07/06/26 18:21	07/06/26 21:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	07/06/26 18:21	07/06/26 21:27	1
4-Bromofluorobenzene (Surr)	105		72 - 126	07/06/26 18:21	07/06/26 21:27	1
Toluene-d8 (Surr)	86		71 - 125	07/06/26 18:21	07/06/26 21:27	1
Dibromofluoromethane (Surr)	107		60 - 140	07/06/26 18:21	07/06/26 21:27	1

Lab Sample ID: LCS 480-779978/1-A
Matrix: Solid
Analysis Batch: 779982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	57.5		ug/Kg		115	77 - 121
1,1,2,2-Tetrachloroethane	50.0	41.4		ug/Kg		83	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.3		ug/Kg		109	60 - 140
1,1,2-Trichloroethane	50.0	44.8		ug/Kg		90	78 - 122
1,1-Dichloroethane	50.0	56.7		ug/Kg		113	73 - 126
1,1-Dichloroethene	50.0	53.8		ug/Kg		108	59 - 125
1,2,4-Trichlorobenzene	50.0	39.6		ug/Kg		79	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	43.2		ug/Kg		86	63 - 124
1,2-Dichlorobenzene	50.0	39.4		ug/Kg		79	75 - 120
1,2-Dichloroethane	50.0	55.7		ug/Kg		111	77 - 122
1,2-Dichloropropane	50.0	56.8		ug/Kg		114	75 - 124
1,3-Dichlorobenzene	50.0	39.7		ug/Kg		79	74 - 120
1,4-Dichlorobenzene	50.0	39.0		ug/Kg		78	73 - 120
2-Butanone (MEK)	250	341	*+	ug/Kg		136	70 - 134
2-Hexanone	250	247		ug/Kg		99	59 - 130
4-Methyl-2-pentanone (MIBK)	250	240		ug/Kg		96	65 - 133
Acetone	250	350	*+	ug/Kg		140	61 - 137
Benzene	50.0	55.9		ug/Kg		112	79 - 127
Bromoform	50.0	49.7		ug/Kg		99	68 - 126
Bromomethane	50.0	60.0		ug/Kg		120	37 - 149
Carbon disulfide	50.0	54.4		ug/Kg		109	64 - 131
Carbon tetrachloride	50.0	59.8		ug/Kg		120	75 - 135
Chlorobenzene	50.0	43.2		ug/Kg		86	76 - 124
Dibromochloromethane	50.0	47.4		ug/Kg		95	76 - 125
Chloroethane	50.0	59.4		ug/Kg		119	69 - 135
Chloroform	50.0	52.4		ug/Kg		105	80 - 120
Chloromethane	50.0	65.9	*+	ug/Kg		132	63 - 127
cis-1,2-Dichloroethene	50.0	55.2		ug/Kg		110	81 - 120
Cyclohexane	50.0	58.6		ug/Kg		117	65 - 120
Bromodichloromethane	50.0	56.8		ug/Kg		114	80 - 122
Dichlorodifluoromethane	50.0	67.6		ug/Kg		135	57 - 142
Ethylbenzene	50.0	43.2		ug/Kg		86	80 - 120
1,2-Dibromoethane	50.0	44.6		ug/Kg		89	78 - 120
Isopropylbenzene	50.0	41.1		ug/Kg		82	72 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-779978/1-A
Matrix: Solid
Analysis Batch: 779982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	100	115		ug/Kg		115	55 - 136
Methyl tert-butyl ether	50.0	53.4		ug/Kg		107	63 - 125
Methylcyclohexane	50.0	55.9		ug/Kg		112	60 - 140
Methylene Chloride	50.0	58.2		ug/Kg		116	61 - 127
Tetrachloroethene	50.0	42.9		ug/Kg		86	74 - 122
Toluene	50.0	43.3		ug/Kg		87	74 - 128
trans-1,2-Dichloroethene	50.0	55.2		ug/Kg		110	78 - 126
trans-1,3-Dichloropropene	50.0	46.5		ug/Kg		93	73 - 123
Trichloroethene	50.0	54.8		ug/Kg		110	77 - 129
Trichlorofluoromethane	50.0	58.8		ug/Kg		118	65 - 146
Vinyl chloride	50.0	62.8		ug/Kg		126	61 - 133
cis-1,3-Dichloropropene	50.0	59.8		ug/Kg		120	80 - 120
Styrene	50.0	43.6		ug/Kg		87	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 126*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*
Toluene-d8 (Surr)	*86*		*71 - 125*
Dibromofluoromethane (Surr)	*106*		*60 - 140*

Lab Sample ID: MB 480-779979/2-A
Matrix: Solid
Analysis Batch: 779985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779979

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
2-Hexanone	ND		25	2.5	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Acetone	6.71	J	25	4.2	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Benzene	ND		5.0	0.25	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Bromoform	ND		5.0	2.5	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Bromomethane	ND		5.0	0.45	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		07/06/26 18:24	07/06/26 21:21	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-779979/2-A
Matrix: Solid
Analysis Batch: 779985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779979

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		5.0	0.64	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Chloroethane	ND		5.0	1.1	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Chloroform	0.758	J	5.0	0.31	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Chloromethane	ND		5.0	0.30	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Cyclohexane	ND		5.0	0.70	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Methyl acetate	ND		25	3.0	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Toluene	0.390	J	5.0	0.38	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Trichloroethene	ND		5.0	1.1	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Xylenes, Total	ND		10	0.84	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		07/06/26 18:24	07/06/26 21:21	1
Styrene	ND		5.0	0.25	ug/Kg		07/06/26 18:24	07/06/26 21:21	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5.04*	*T J*	*ug/Kg*		*11.39*	*N/A*	*07/06/26 18:24*	*07/06/26 21:21*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*07/06/26 18:24*	*07/06/26 21:21*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*07/06/26 18:24*	*07/06/26 21:21*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*07/06/26 18:24*	*07/06/26 21:21*	*1*
Dibromofluoromethane (Surr)	*96*		*60 - 140*	*07/06/26 18:24*	*07/06/26 21:21*	*1*

Lab Sample ID: LCS 480-779979/1-A
Matrix: Solid
Analysis Batch: 779985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779979

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	45.9		ug/Kg		92	77 - 121
1,1,2,2-Tetrachloroethane	50.0	48.6		ug/Kg		97	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.5		ug/Kg		89	60 - 140
1,1,2-Trichloroethane	50.0	50.0		ug/Kg		100	78 - 122
1,1-Dichloroethane	50.0	45.1		ug/Kg		90	73 - 126
1,1-Dichloroethene	50.0	44.8		ug/Kg		90	59 - 125
1,2,4-Trichlorobenzene	50.0	47.0		ug/Kg		94	64 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-779979/1-A
Matrix: Solid
Analysis Batch: 779985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779979

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	50.0	50.8		ug/Kg		102	63 - 124
1,2-Dichlorobenzene	50.0	47.2		ug/Kg		94	75 - 120
1,2-Dichloroethane	50.0	48.9		ug/Kg		98	77 - 122
1,2-Dichloropropane	50.0	48.0		ug/Kg		96	75 - 124
1,3-Dichlorobenzene	50.0	48.6		ug/Kg		97	74 - 120
1,4-Dichlorobenzene	50.0	48.2		ug/Kg		96	73 - 120
2-Butanone (MEK)	250	249		ug/Kg		99	70 - 134
2-Hexanone	250	255		ug/Kg		102	59 - 130
4-Methyl-2-pentanone (MIBK)	250	246		ug/Kg		98	65 - 133
Acetone	250	235		ug/Kg		94	61 - 137
Benzene	50.0	46.7		ug/Kg		93	79 - 127
Bromoform	50.0	53.8		ug/Kg		108	68 - 126
Bromomethane	50.0	43.9		ug/Kg		88	37 - 149
Carbon disulfide	50.0	43.8		ug/Kg		88	64 - 131
Carbon tetrachloride	50.0	47.2		ug/Kg		94	75 - 135
Chlorobenzene	50.0	49.2		ug/Kg		98	76 - 124
Dibromochloromethane	50.0	53.8		ug/Kg		108	76 - 125
Chloroethane	50.0	43.4		ug/Kg		87	69 - 135
Chloroform	50.0	46.0		ug/Kg		92	80 - 120
Chloromethane	50.0	41.8		ug/Kg		84	63 - 127
cis-1,2-Dichloroethene	50.0	46.6		ug/Kg		93	81 - 120
Cyclohexane	50.0	43.2		ug/Kg		86	65 - 120
Bromodichloromethane	50.0	49.7		ug/Kg		99	80 - 122
Dichlorodifluoromethane	50.0	41.8		ug/Kg		84	57 - 142
Ethylbenzene	50.0	48.1		ug/Kg		96	80 - 120
1,2-Dibromoethane	50.0	51.1		ug/Kg		102	78 - 120
Isopropylbenzene	50.0	48.6		ug/Kg		97	72 - 120
Methyl acetate	100	91.2		ug/Kg		91	55 - 136
Methyl tert-butyl ether	50.0	45.3		ug/Kg		91	63 - 125
Methylcyclohexane	50.0	45.0		ug/Kg		90	60 - 140
Methylene Chloride	50.0	45.5		ug/Kg		91	61 - 127
Tetrachloroethene	50.0	50.0		ug/Kg		100	74 - 122
Toluene	50.0	48.0		ug/Kg		96	74 - 128
trans-1,2-Dichloroethene	50.0	45.3		ug/Kg		91	78 - 126
trans-1,3-Dichloropropene	50.0	52.3		ug/Kg		105	73 - 123
Trichloroethene	50.0	49.2		ug/Kg		98	77 - 129
Trichlorofluoromethane	50.0	45.7		ug/Kg		91	65 - 146
Vinyl chloride	50.0	41.8		ug/Kg		84	61 - 133
cis-1,3-Dichloropropene	50.0	50.8		ug/Kg		102	80 - 120
Styrene	50.0	48.8		ug/Kg		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*
Toluene-d8 (Surr)	*102*		*71 - 125*
Dibromofluoromethane (Surr)	*97*		*60 - 140*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-240063-13 MS
Matrix: Solid
Analysis Batch: 779985

Client Sample ID: RI-BH-12 8-10
Prep Type: Total/NA
Prep Batch: 779979

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND	vs	56.3	45.5	vs	ug/Kg	☼	81	77 - 121
1,1,2,2-Tetrachloroethane	ND	F1 vs	56.3	35.0	F1 vs	ug/Kg	☼	62	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	56.3	42.1	vs	ug/Kg	☼	75	60 - 140
1,1,2-Trichloroethane	ND	F1 vs	56.3	39.8	F1 vs	ug/Kg	☼	71	78 - 122
1,1-Dichloroethane	ND	vs	56.3	46.0	vs	ug/Kg	☼	82	73 - 126
1,1-Dichloroethene	ND	vs	56.3	43.4	vs	ug/Kg	☼	77	59 - 125
1,2,4-Trichlorobenzene	ND	F1 vs	56.3	18.0	F1 vs	ug/Kg	☼	32	64 - 120
1,2-Dibromo-3-Chloropropane	ND	F1 vs	56.3	26.8	F1 vs	ug/Kg	☼	48	63 - 124
1,2-Dichlorobenzene	ND	F1 vs	56.3	30.1	F1 vs	ug/Kg	☼	53	75 - 120
1,2-Dichloroethane	ND	F1 vs	56.3	39.8	F1 vs	ug/Kg	☼	71	77 - 122
1,2-Dichloropropane	ND	vs	56.3	43.7	vs	ug/Kg	☼	78	75 - 124
1,3-Dichlorobenzene	ND	F1 vs	56.3	30.6	F1 vs	ug/Kg	☼	54	74 - 120
1,4-Dichlorobenzene	ND	F1 vs	56.3	30.3	F1 vs	ug/Kg	☼	54	73 - 120
2-Butanone (MEK)	ND	F1 vs	282	161	F1 vs	ug/Kg	☼	57	70 - 134
2-Hexanone	ND	F1 vs	282	153	F1 vs	ug/Kg	☼	54	59 - 130
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	282	168	F1 vs	ug/Kg	☼	60	65 - 133
Acetone	16	J B F1 vs	282	151	F1 vs	ug/Kg	☼	48	61 - 137
Benzene	ND	F1 vs	56.3	44.4	vs	ug/Kg	☼	79	79 - 127
Bromoform	ND	F1 vs	56.3	32.3	F1 vs	ug/Kg	☼	57	68 - 126
Bromomethane	ND	vs	56.3	48.6	vs	ug/Kg	☼	86	37 - 149
Carbon disulfide	ND	vs	56.3	42.0	vs	ug/Kg	☼	75	64 - 131
Carbon tetrachloride	ND	vs	56.3	43.4	vs	ug/Kg	☼	77	75 - 135
Chlorobenzene	ND	F1 vs	56.3	37.8	F1 vs	ug/Kg	☼	67	76 - 124
Dibromochloromethane	ND	F1 vs	56.3	39.5	F1 vs	ug/Kg	☼	70	76 - 125
Chloroethane	ND	vs	56.3	48.1	vs	ug/Kg	☼	85	69 - 135
Chloroform	0.68	J B F1 vs	56.3	43.8	F1 vs	ug/Kg	☼	77	80 - 120
Chloromethane	ND	vs	56.3	47.1	vs	ug/Kg	☼	84	63 - 127
cis-1,2-Dichloroethene	ND	F1 vs	56.3	42.5	F1 vs	ug/Kg	☼	76	80 - 120
Cyclohexane	ND	F1 vs	56.3	37.1	vs	ug/Kg	☼	66	65 - 120
Bromodichloromethane	ND	F1 vs	56.3	41.4	F1 vs	ug/Kg	☼	74	80 - 122
Dichlorodifluoromethane	ND	vs	56.3	43.8	vs	ug/Kg	☼	78	57 - 142
Ethylbenzene	ND	F1 vs	56.3	39.6	F1 vs	ug/Kg	☼	70	80 - 120
1,2-Dibromoethane	ND	F1 vs	56.3	33.3	F1 vs	ug/Kg	☼	59	78 - 120
Isopropylbenzene	ND	vs	56.3	45.2	vs	ug/Kg	☼	80	72 - 120
Methyl acetate	ND	F1 vs	113	61.5	vs	ug/Kg	☼	55	55 - 136
Methyl tert-butyl ether	ND	vs	56.3	38.7	vs	ug/Kg	☼	69	63 - 125
Methylcyclohexane	ND	F1 vs	56.3	32.9	F1 vs	ug/Kg	☼	58	60 - 140
Methylene Chloride	ND	vs	56.3	44.9	vs	ug/Kg	☼	80	61 - 127
Tetrachloroethene	ND	F1 vs	56.3	41.7	vs	ug/Kg	☼	74	74 - 122
Toluene	ND	F1 vs	56.3	43.9	vs	ug/Kg	☼	78	74 - 128
trans-1,2-Dichloroethene	ND	F1 vs	56.3	42.0	F1 vs	ug/Kg	☼	75	78 - 126
trans-1,3-Dichloropropene	ND	F1 vs	56.3	34.3	F1 vs	ug/Kg	☼	61	73 - 123
Trichloroethene	ND	F1 vs	56.3	40.6	F1 vs	ug/Kg	☼	72	77 - 129
Trichlorofluoromethane	ND	vs	56.3	46.9	vs	ug/Kg	☼	83	65 - 146
Vinyl chloride	ND	vs	56.3	47.1	vs	ug/Kg	☼	84	61 - 133
cis-1,3-Dichloropropene	ND	F1 vs	56.3	36.5	F1 vs	ug/Kg	☼	65	80 - 120
Styrene	ND	F1 vs	56.3	34.8	F1 vs	ug/Kg	☼	62	80 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-240063-13 MS
Matrix: Solid
Analysis Batch: 779985

Client Sample ID: RI-BH-12 8-10
Prep Type: Total/NA
Prep Batch: 779979

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*87*		*64 - 126*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*
Toluene-d8 (Surr)	*109*		*71 - 125*
Dibromofluoromethane (Surr)	*91*		*60 - 140*

Lab Sample ID: 480-240063-13 MSD
Matrix: Solid
Analysis Batch: 779985

Client Sample ID: RI-BH-12 8-10
Prep Type: Total/NA
Prep Batch: 779979

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	vs	56.7	43.7	vs	ug/Kg	☼	77	77 - 121	4	30
1,1,2,2-Tetrachloroethane	ND	F1 vs	56.7	33.9	F1 vs	ug/Kg	☼	60	80 - 120	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	56.7	40.3	vs	ug/Kg	☼	71	60 - 140	4	30
1,1,2-Trichloroethane	ND	F1 vs	56.7	38.5	F1 vs	ug/Kg	☼	68	78 - 122	3	30
1,1-Dichloroethane	ND	vs	56.7	43.8	vs	ug/Kg	☼	77	73 - 126	5	30
1,1-Dichloroethene	ND	vs	56.7	41.3	vs	ug/Kg	☼	73	59 - 125	5	30
1,2,4-Trichlorobenzene	ND	F1 vs	56.7	15.4	F1 vs	ug/Kg	☼	27	64 - 120	16	30
1,2-Dibromo-3-Chloropropane	ND	F1 vs	56.7	26.9	F1 vs	ug/Kg	☼	47	63 - 124	0	30
1,2-Dichlorobenzene	ND	F1 vs	56.7	26.5	F1 vs	ug/Kg	☼	47	75 - 120	13	30
1,2-Dichloroethane	ND	F1 vs	56.7	40.2	F1 vs	ug/Kg	☼	71	77 - 122	1	30
1,2-Dichloropropane	ND	vs	56.7	42.5	vs	ug/Kg	☼	75	75 - 124	3	30
1,3-Dichlorobenzene	ND	F1 vs	56.7	27.7	F1 vs	ug/Kg	☼	49	74 - 120	10	30
1,4-Dichlorobenzene	ND	F1 vs	56.7	27.0	F1 vs	ug/Kg	☼	48	73 - 120	11	30
2-Butanone (MEK)	ND	F1 vs	284	161	F1 vs	ug/Kg	☼	57	70 - 134	0	30
2-Hexanone	ND	F1 vs	284	155	F1 vs	ug/Kg	☼	55	59 - 130	1	30
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	284	164	F1 vs	ug/Kg	☼	58	65 - 133	2	30
Acetone	16	J B F1 vs	284	150	F1 vs	ug/Kg	☼	47	61 - 137	0	30
Benzene	ND	F1 vs	56.7	43.4	F1 vs	ug/Kg	☼	77	79 - 127	2	30
Bromoform	ND	F1 vs	56.7	32.1	F1 vs	ug/Kg	☼	57	68 - 126	1	30
Bromomethane	ND	vs	56.7	46.1	vs	ug/Kg	☼	81	37 - 149	5	30
Carbon disulfide	ND	vs	56.7	39.2	vs	ug/Kg	☼	69	64 - 131	7	30
Carbon tetrachloride	ND	vs	56.7	42.8	vs	ug/Kg	☼	75	75 - 135	1	30
Chlorobenzene	ND	F1 vs	56.7	34.9	F1 vs	ug/Kg	☼	62	76 - 124	8	30
Dibromochloromethane	ND	F1 vs	56.7	38.4	F1 vs	ug/Kg	☼	68	76 - 125	3	30
Chloroethane	ND	vs	56.7	45.1	vs	ug/Kg	☼	80	69 - 135	6	30
Chloroform	0.68	J B F1 vs	56.7	43.2	F1 vs	ug/Kg	☼	75	80 - 120	2	30
Chloromethane	ND	vs	56.7	44.4	vs	ug/Kg	☼	78	63 - 127	6	30
cis-1,2-Dichloroethene	ND	F1 vs	56.7	41.1	F1 vs	ug/Kg	☼	72	80 - 120	3	30
Cyclohexane	ND	F1 vs	56.7	36.1	F1 vs	ug/Kg	☼	64	65 - 120	3	30
Bromodichloromethane	ND	F1 vs	56.7	41.8	F1 vs	ug/Kg	☼	74	80 - 122	1	30
Dichlorodifluoromethane	ND	vs	56.7	42.3	vs	ug/Kg	☼	74	57 - 142	4	30
Ethylbenzene	ND	F1 vs	56.7	36.7	F1 vs	ug/Kg	☼	65	80 - 120	8	30
1,2-Dibromoethane	ND	F1 vs	56.7	32.9	F1 vs	ug/Kg	☼	58	78 - 120	1	30
Isopropylbenzene	ND	vs	56.7	42.2	vs	ug/Kg	☼	74	72 - 120	7	30
Methyl acetate	ND	F1 vs	113	60.8	F1 vs	ug/Kg	☼	54	55 - 136	1	30
Methyl tert-butyl ether	ND	vs	56.7	37.1	vs	ug/Kg	☼	65	63 - 125	4	30
Methylcyclohexane	ND	F1 vs	56.7	32.5	F1 vs	ug/Kg	☼	57	60 - 140	1	30
Methylene Chloride	ND	vs	56.7	42.1	vs	ug/Kg	☼	74	61 - 127	6	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-240063-13 MSD
Matrix: Solid
Analysis Batch: 779985

Client Sample ID: RI-BH-12 8-10
Prep Type: Total/NA
Prep Batch: 779979

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene	ND	F1 vs	56.7	39.6	F1 vs	ug/Kg	☼	70	74 - 122	5	30
Toluene	ND	F1 vs	56.7	41.7	F1 vs	ug/Kg	☼	73	74 - 128	5	30
trans-1,2-Dichloroethene	ND	F1 vs	56.7	40.4	F1 vs	ug/Kg	☼	71	78 - 126	4	30
trans-1,3-Dichloropropene	ND	F1 vs	56.7	35.1	F1 vs	ug/Kg	☼	62	73 - 123	2	30
Trichloroethene	ND	F1 vs	56.7	40.9	F1 vs	ug/Kg	☼	72	77 - 129	1	30
Trichlorofluoromethane	ND	vs	56.7	45.1	vs	ug/Kg	☼	80	65 - 146	4	30
Vinyl chloride	ND	vs	56.7	43.2	vs	ug/Kg	☼	76	61 - 133	9	30
cis-1,3-Dichloropropene	ND	F1 vs	56.7	36.9	F1 vs	ug/Kg	☼	65	80 - 120	1	30
Styrene	ND	F1 vs	56.7	32.4	F1 vs	ug/Kg	☼	57	80 - 120	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*64 - 126*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*
Toluene-d8 (Surr)	*108*		*71 - 125*
Dibromofluoromethane (Surr)	*92*		*60 - 140*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-779822/1-A
Matrix: Solid
Analysis Batch: 779900

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779822

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	32	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
bis (2-chloroisopropyl) ether	ND		170	35	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2,4,5-Trichlorophenol	ND		170	34	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2,4,6-Trichlorophenol	ND		170	26	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2,4-Dichlorophenol	ND		170	33	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2,4-Dimethylphenol	ND		170	36	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2,4-Dinitrophenol	ND		1700	32	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2,4-Dinitrotoluene	ND		170	23	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2,6-Dinitrotoluene	ND		170	24	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2-Chloronaphthalene	ND		170	32	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
1,4-Dioxane	ND		100	37	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2-Chlorophenol	ND		170	27	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2-Methylphenol	ND		170	27	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2-Methylnaphthalene	ND		170	27	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2-Nitroaniline	ND		330	29	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
2-Nitrophenol	ND		170	19	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
3,3'-Dichlorobenzidine	ND		330	50	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
3-Nitroaniline	ND		330	24	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
4,6-Dinitro-2-methylphenol	ND		330	37	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
4-Bromophenyl phenyl ether	ND		170	29	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
4-Chloro-3-methylphenol	ND		170	35	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
4-Chloroaniline	ND		170	24	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
4-Chlorophenyl phenyl ether	ND		170	36	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
4-Methylphenol	ND		330	30	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
4-Nitroaniline	ND		330	25	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
4-Nitrophenol	ND		330	46	ug/Kg		07/02/26 13:17	07/06/26 13:08	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-779822/1-A
Matrix: Solid
Analysis Batch: 779900

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779822

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	31	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Acenaphthylene	ND		170	33	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Acetophenone	ND		170	30	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Anthracene	ND		170	31	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Atrazine	ND		170	57	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Benzaldehyde	ND		170	130	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Benzo[a]anthracene	ND		170	23	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Benzo[a]pyrene	ND		170	29	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Benzo[b]fluoranthene	ND		170	23	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Benzo[g,h,i]perylene	ND		170	30	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Benzo[k]fluoranthene	ND		170	38	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Bis(2-chloroethoxy)methane	ND		170	32	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Bis(2-chloroethyl)ether	ND		170	32	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Bis(2-ethylhexyl) phthalate	50.5	J	170	37	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Butyl benzyl phthalate	ND		170	31	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Caprolactam	ND		170	39	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Carbazole	ND		170	33	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Chrysene	ND		170	41	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Dibenz(a,h)anthracene	ND		170	34	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Di-n-butyl phthalate	ND		170	38	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Di-n-octyl phthalate	ND		170	32	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Dibenzofuran	ND		170	30	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Diethyl phthalate	ND		170	30	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Dimethyl phthalate	ND		170	33	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Fluoranthene	ND		170	31	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Fluorene	ND		170	31	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Hexachlorobenzene	ND		170	33	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Hexachlorobutadiene	ND		170	25	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Hexachlorocyclopentadiene	ND		330	74	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Hexachloroethane	ND		170	31	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Indeno[1,2,3-cd]pyrene	ND		170	25	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Isophorone	ND		170	35	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
N-Nitrosodi-n-propylamine	ND		170	38	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
N-Nitrosodiphenylamine	ND		170	28	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Naphthalene	ND		170	28	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Nitrobenzene	ND		170	28	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Pentachlorophenol	ND		330	54	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Phenanthrene	ND		170	32	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Phenol	ND		170	31	ug/Kg		07/02/26 13:17	07/06/26 13:08	1
Pyrene	ND		170	32	ug/Kg		07/02/26 13:17	07/06/26 13:08	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5180*	*T J*	*ug/Kg*		*2.00*	*N/A*	*07/02/26 13:17*	*07/06/26 13:08*	*1*
Unknown	*6590*	*T J*	*ug/Kg*		*3.50*	*N/A*	*07/02/26 13:17*	*07/06/26 13:08*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*84*		*22 - 120*	*07/02/26 13:17*	*07/06/26 13:08*	*1*
Phenol-d5 (Surr)	*84*		*23 - 120*	*07/02/26 13:17*	*07/06/26 13:08*	*1*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-779822/1-A
Matrix: Solid
Analysis Batch: 779900

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779822

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	*98*		*28 - 124*	*07/02/26 13:17*	*07/06/26 13:08*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 140*	*07/02/26 13:17*	*07/06/26 13:08*	*1*
2-Fluorobiphenyl (Surr)	*87*		*29 - 120*	*07/02/26 13:17*	*07/06/26 13:08*	*1*
2-Fluorophenol (Surr)	*80*		*18 - 120*	*07/02/26 13:17*	*07/06/26 13:08*	*1*

Lab Sample ID: LCS 480-779822/2-A
Matrix: Solid
Analysis Batch: 779900

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779822

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	2670	2390		ug/Kg		89	47 - 120
bis (2-chloroisopropyl) ether	2670	2140		ug/Kg		80	31 - 120
2,4,5-Trichlorophenol	2670	2490		ug/Kg		93	52 - 120
2,4,6-Trichlorophenol	2670	2500		ug/Kg		94	51 - 120
2,4-Dichlorophenol	2670	2430		ug/Kg		91	44 - 120
2,4-Dimethylphenol	2670	2420		ug/Kg		91	48 - 120
2,4-Dinitrophenol	5330	6180		ug/Kg		116	28 - 120
2,4-Dinitrotoluene	2670	2780		ug/Kg		104	55 - 125
2,6-Dinitrotoluene	2670	2630		ug/Kg		99	51 - 125
2-Chloronaphthalene	2670	2380		ug/Kg		89	46 - 120
1,4-Dioxane	2670	1340		ug/Kg		50	22 - 120
2-Chlorophenol	2670	2330		ug/Kg		88	40 - 120
2-Methylphenol	2670	2380		ug/Kg		89	41 - 120
2-Methylnaphthalene	2670	2430		ug/Kg		91	45 - 120
2-Nitroaniline	2670	2520		ug/Kg		95	51 - 125
2-Nitrophenol	2670	2620		ug/Kg		98	43 - 120
3,3'-Dichlorobenzidine	2670	1800		ug/Kg		67	10 - 120
3-Nitroaniline	2670	1850		ug/Kg		69	33 - 120
4,6-Dinitro-2-methylphenol	5330	6270		ug/Kg		117	49 - 126
4-Bromophenyl phenyl ether	2670	2480		ug/Kg		93	55 - 123
4-Chloro-3-methylphenol	2670	2530		ug/Kg		95	54 - 120
4-Chloroaniline	2670	1620		ug/Kg		61	20 - 120
4-Chlorophenyl phenyl ether	2670	2570		ug/Kg		96	54 - 120
4-Methylphenol	2670	2410		ug/Kg		90	43 - 120
4-Nitroaniline	2670	2480		ug/Kg		93	54 - 120
4-Nitrophenol	5330	5500		ug/Kg		103	47 - 120
Acenaphthene	2670	2420		ug/Kg		91	49 - 121
Acenaphthylene	2670	2370		ug/Kg		89	49 - 120
Acetophenone	2670	2340		ug/Kg		88	39 - 120
Anthracene	2670	2480		ug/Kg		93	57 - 120
Atrazine	2670	2990		ug/Kg		112	44 - 120
Benzaldehyde	2670	2130		ug/Kg		80	10 - 120
Benzo[a]anthracene	2670	2410		ug/Kg		90	58 - 120
Benzo[a]pyrene	2670	2500		ug/Kg		94	59 - 122
Benzo[b]fluoranthene	2670	2320		ug/Kg		87	56 - 120
Benzo[g,h,i]perylene	2670	2510		ug/Kg		94	56 - 132
Benzo[k]fluoranthene	2670	2630		ug/Kg		99	59 - 127
Bis(2-chloroethoxy)methane	2670	2300		ug/Kg		86	42 - 120

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-779822/2-A
Matrix: Solid
Analysis Batch: 779900

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779822

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	2670	2200		ug/Kg		83	34 - 120
Bis(2-ethylhexyl) phthalate	2670	2410		ug/Kg		91	49 - 130
Butyl benzyl phthalate	2670	2380		ug/Kg		89	50 - 122
Caprolactam	2670	2750		ug/Kg		103	10 - 120
Carbazole	2670	2560		ug/Kg		96	58 - 124
Chrysene	2670	2420		ug/Kg		91	57 - 120
Dibenz(a,h)anthracene	2670	2540		ug/Kg		95	53 - 124
Di-n-butyl phthalate	2670	2490		ug/Kg		93	49 - 120
Di-n-octyl phthalate	2670	2420		ug/Kg		91	42 - 125
Dibenzofuran	2670	2450		ug/Kg		92	53 - 120
Diethyl phthalate	2670	2520		ug/Kg		94	54 - 120
Dimethyl phthalate	2670	2510		ug/Kg		94	53 - 120
Fluoranthene	2670	2530		ug/Kg		95	57 - 121
Fluorene	2670	2590		ug/Kg		97	55 - 121
Hexachlorobenzene	2670	2490		ug/Kg		94	56 - 120
Hexachlorobutadiene	2670	2300		ug/Kg		86	40 - 120
Hexachlorocyclopentadiene	2670	2130		ug/Kg		80	30 - 125
Hexachloroethane	2670	2100		ug/Kg		79	34 - 120
Indeno[1,2,3-cd]pyrene	2670	2530		ug/Kg		95	53 - 125
Isophorone	2670	2360		ug/Kg		88	46 - 120
N-Nitrosodi-n-propylamine	2670	2300		ug/Kg		86	41 - 120
N-Nitrosodiphenylamine	2670	2450		ug/Kg		92	57 - 126
Naphthalene	2670	2280		ug/Kg		85	43 - 120
Nitrobenzene	2670	2360		ug/Kg		89	40 - 120
Pentachlorophenol	5330	5410		ug/Kg		101	10 - 124
Phenanthrene	2670	2450		ug/Kg		92	57 - 120
Phenol	2670	2310		ug/Kg		87	37 - 120
Pyrene	2670	2370		ug/Kg		89	59 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*93*		*22 - 120*
Phenol-d5 (Surr)	*92*		*23 - 120*
p-Terphenyl-d14 (Surr)	*98*		*28 - 124*
2,4,6-Tribromophenol (Surr)	*106*		*10 - 140*
2-Fluorobiphenyl (Surr)	*94*		*29 - 120*
2-Fluorophenol (Surr)	*89*		*18 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-779888/1-A
Matrix: Solid
Analysis Batch: 780041

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779888

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.3	0.65	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
4,4'-DDE	ND		3.3	0.70	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
4,4'-DDT	ND		3.3	0.78	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
beta-BHC	ND		3.3	0.60	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
cis-Chlordane	ND		3.3	1.7	ug/Kg		07/06/26 06:47	07/07/26 14:25	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-779888/1-A
Matrix: Solid
Analysis Batch: 780041

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779888

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	ND		3.3	0.60	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
Aldrin	ND		3.3	0.82	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
delta-BHC	ND		3.3	0.62	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
Dieldrin	ND		3.3	0.80	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
Endosulfan I	ND		3.3	0.64	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
Endosulfan II	ND		3.3	0.60	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
Endosulfan sulfate	ND		3.3	0.62	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
Endrin	ND		3.3	0.66	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
Endrin aldehyde	ND		3.3	0.85	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
Endrin ketone	ND		3.3	0.82	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
gamma-BHC (Lindane)	ND		3.3	0.61	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
trans-Chlordane	ND		3.3	1.1	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
Heptachlor	ND		3.3	0.72	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
Heptachlor epoxide	ND		3.3	0.86	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
Methoxychlor	ND		3.3	0.68	ug/Kg		07/06/26 06:47	07/07/26 14:25	1
Toxaphene	ND		33	19	ug/Kg		07/06/26 06:47	07/07/26 14:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*45 - 120*	*07/06/26 06:47*	*07/07/26 14:25*	*1*
DCB Decachlorobiphenyl	*87*		*45 - 120*	*07/06/26 06:47*	*07/07/26 14:25*	*1*
Tetrachloro-m-xylene	*80*		*30 - 124*	*07/06/26 06:47*	*07/07/26 14:25*	*1*
Tetrachloro-m-xylene	*68*		*30 - 124*	*07/06/26 06:47*	*07/07/26 14:25*	*1*

Lab Sample ID: LCS 480-779888/2-A
Matrix: Solid
Analysis Batch: 780041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779888

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	33.3	28.8		ug/Kg		86	56 - 120
4,4'-DDE	33.3	26.6		ug/Kg		80	44 - 120
4,4'-DDT	33.3	30.3		ug/Kg		91	38 - 120
beta-BHC	33.3	23.1		ug/Kg		69	40 - 120
cis-Chlordane	33.3	26.0		ug/Kg		78	47 - 120
alpha-BHC	33.3	21.7		ug/Kg		65	39 - 120
Aldrin	33.3	23.7		ug/Kg		71	38 - 120
delta-BHC	33.3	24.3		ug/Kg		73	45 - 120
Dieldrin	33.3	27.2		ug/Kg		82	58 - 120
Endosulfan I	33.3	27.1		ug/Kg		81	49 - 120
Endosulfan II	33.3	27.2		ug/Kg		82	55 - 120
Endosulfan sulfate	33.3	24.7		ug/Kg		74	49 - 124
Endrin	33.3	28.3		ug/Kg		85	58 - 120
Endrin aldehyde	33.3	27.2		ug/Kg		82	37 - 121
Endrin ketone	33.3	28.9		ug/Kg		87	46 - 123
gamma-BHC (Lindane)	33.3	21.1		ug/Kg		63	50 - 120
trans-Chlordane	33.3	23.9		ug/Kg		72	48 - 120
Heptachlor	33.3	23.5		ug/Kg		71	50 - 120
Heptachlor epoxide	33.3	26.2		ug/Kg		79	50 - 120
Methoxychlor	33.3	30.4		ug/Kg		91	58 - 133

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-779888/2-A
Matrix: Solid
Analysis Batch: 780041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779888

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	85		45 - 120
DCB Decachlorobiphenyl	85		45 - 120
Tetrachloro-m-xylene	85		30 - 124
Tetrachloro-m-xylene	62		30 - 124

Lab Sample ID: 480-240063-2 MS
Matrix: Solid
Analysis Batch: 780041

Client Sample ID: RI-BH-4 1-3'
Prep Type: Total/NA
Prep Batch: 779888

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	ND	F2	38.4	23.4		ug/Kg	☼	61	37 - 126
4,4'-DDE	ND	F2	38.4	24.0		ug/Kg	☼	62	34 - 120
4,4'-DDT	ND	F2	38.4	26.9		ug/Kg	☼	70	43 - 123
beta-BHC	ND	F2	38.4	22.0		ug/Kg	☼	57	36 - 120
cis-Chlordane	ND		38.4	24.3		ug/Kg	☼	63	35 - 120
alpha-BHC	ND	F2	38.4	22.7		ug/Kg	☼	59	39 - 120
Aldrin	ND	F2	38.4	26.1		ug/Kg	☼	68	37 - 125
delta-BHC	ND	F2	38.4	20.0		ug/Kg	☼	52	34 - 120
Dieldrin	ND	F2	38.4	23.2		ug/Kg	☼	60	45 - 120
Endosulfan I	ND	F2	38.4	21.8		ug/Kg	☼	57	39 - 120
Endosulfan II	ND	F1 F2	38.4	19.9		ug/Kg	☼	52	34 - 126
Endosulfan sulfate	ND	F2	38.4	18.2		ug/Kg	☼	47	27 - 130
Endrin	ND		38.4	23.9		ug/Kg	☼	62	47 - 121
Endrin aldehyde	ND	F1 F2	38.4	18.3		ug/Kg	☼	48	33 - 123
Endrin ketone	ND	F1 F2	38.4	21.8		ug/Kg	☼	57	43 - 126
gamma-BHC (Lindane)	ND	F1 F2	38.4	20.7		ug/Kg	☼	54	50 - 120
trans-Chlordane	ND	F2	38.4	22.5		ug/Kg	☼	58	31 - 120
Heptachlor	ND		38.4	27.2		ug/Kg	☼	71	42 - 120
Heptachlor epoxide	ND		38.4	25.4		ug/Kg	☼	66	40 - 120
Methoxychlor	ND	F1 F2	38.4	24.6		ug/Kg	☼	64	44 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	72		45 - 120
DCB Decachlorobiphenyl	82		45 - 120
Tetrachloro-m-xylene	87		30 - 124
Tetrachloro-m-xylene	78		30 - 124

Lab Sample ID: 480-240063-2 MSD
Matrix: Solid
Analysis Batch: 780041

Client Sample ID: RI-BH-4 1-3'
Prep Type: Total/NA
Prep Batch: 779888

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND	F2	37.3	17.7	F2	ug/Kg	☼	47	37 - 126	28	21
4,4'-DDE	ND	F2	37.3	19.6	F2	ug/Kg	☼	53	34 - 120	20	18
4,4'-DDT	ND	F2	37.3	18.4	F2	ug/Kg	☼	49	43 - 123	38	25
beta-BHC	ND	F2	37.3	18.0	F2	ug/Kg	☼	48	36 - 120	20	19
cis-Chlordane	ND		37.3	20.4		ug/Kg	☼	55	35 - 120	18	23
alpha-BHC	ND	F2	37.3	19.0	F2	ug/Kg	☼	51	39 - 120	18	15

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-240063-2 MSD
Matrix: Solid
Analysis Batch: 780041

Client Sample ID: RI-BH-4 1-3'
Prep Type: Total/NA
Prep Batch: 779888

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin	ND	F2	37.3	22.6	F2	ug/Kg	☼	60	37 - 125	15	12
delta-BHC	ND	F2	37.3	13.0	F2	ug/Kg	☼	35	34 - 120	43	14
Dieldrin	ND	F2	37.3	19.7	F2	ug/Kg	☼	53	45 - 120	16	12
Endosulfan I	ND	F2	37.3	15.3	F2	ug/Kg	☼	41	39 - 120	35	18
Endosulfan II	ND	F1 F2	37.3	12.2	F1 F2	ug/Kg	☼	33	34 - 126	48	26
Endosulfan sulfate	ND	F2	37.3	11.6	F2	ug/Kg	☼	31	27 - 130	44	35
Endrin	ND		37.3	19.8		ug/Kg	☼	53	47 - 121	19	20
Endrin aldehyde	ND	F1 F2	37.3	11.1	F1 F2	ug/Kg	☼	30	33 - 123	49	47
Endrin ketone	ND	F1 F2	37.3	13.8	F1 F2	ug/Kg	☼	37	43 - 126	45	37
gamma-BHC (Lindane)	ND	F1 F2	37.3	16.8	F1 F2	ug/Kg	☼	45	50 - 120	20	12
trans-Chlordane	ND	F2	37.3	19.0	F2	ug/Kg	☼	51	31 - 120	17	15
Heptachlor	ND		37.3	22.9		ug/Kg	☼	61	42 - 120	17	22
Heptachlor epoxide	ND		37.3	22.3		ug/Kg	☼	60	40 - 120	13	15
Methoxychlor	ND	F1 F2	37.3	15.4	F1 F2	ug/Kg	☼	41	44 - 150	46	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*55*		*45 - 120*
DCB Decachlorobiphenyl	*69*		*45 - 120*
Tetrachloro-m-xylene	*73*		*30 - 124*
Tetrachloro-m-xylene	*71*		*30 - 124*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-779892/1-A
Matrix: Solid
Analysis Batch: 779915

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779892

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg		07/06/26 07:04	07/06/26 12:02	1
PCB-1221	ND		0.25	0.049	mg/Kg		07/06/26 07:04	07/06/26 12:02	1
PCB-1232	ND		0.25	0.049	mg/Kg		07/06/26 07:04	07/06/26 12:02	1
PCB-1242	ND		0.25	0.049	mg/Kg		07/06/26 07:04	07/06/26 12:02	1
PCB-1248	ND		0.25	0.049	mg/Kg		07/06/26 07:04	07/06/26 12:02	1
PCB-1254	ND		0.25	0.12	mg/Kg		07/06/26 07:04	07/06/26 12:02	1
PCB-1260	ND		0.25	0.12	mg/Kg		07/06/26 07:04	07/06/26 12:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*60 - 154*	*07/06/26 07:04*	*07/06/26 12:02*	*1*
Tetrachloro-m-xylene	*108*		*60 - 154*	*07/06/26 07:04*	*07/06/26 12:02*	*1*
DCB Decachlorobiphenyl	*104*		*65 - 174*	*07/06/26 07:04*	*07/06/26 12:02*	*1*
DCB Decachlorobiphenyl	*96*		*65 - 174*	*07/06/26 07:04*	*07/06/26 12:02*	*1*

Lab Sample ID: LCS 480-779892/2-A
Matrix: Solid
Analysis Batch: 779915

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779892

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	2.50	2.45		mg/Kg		98	51 - 185

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-779892/2-A
Matrix: Solid
Analysis Batch: 779915

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779892

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1260			2.50	2.19		mg/Kg		87	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*100*		*60 - 154*
Tetrachloro-m-xylene	*113*		*60 - 154*
DCB Decachlorobiphenyl	*109*		*65 - 174*
DCB Decachlorobiphenyl	*101*		*65 - 174*

Lab Sample ID: 480-240063-2 MS
Matrix: Solid
Analysis Batch: 779915

Client Sample ID: RI-BH-4 1-3'
Prep Type: Total/NA
Prep Batch: 779892

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		2.00	1.91		mg/Kg	☼	96	50 - 177		
PCB-1260	ND		2.00	1.59		mg/Kg	☼	80	33 - 200		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*98*		*60 - 154*
Tetrachloro-m-xylene	*113*		*60 - 154*
DCB Decachlorobiphenyl	*107*		*65 - 174*
DCB Decachlorobiphenyl	*99*		*65 - 174*

Lab Sample ID: 480-240063-2 MSD
Matrix: Solid
Analysis Batch: 779915

Client Sample ID: RI-BH-4 1-3'
Prep Type: Total/NA
Prep Batch: 779892

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		2.68	2.53		mg/Kg	☼	94	50 - 177	28	50
PCB-1260	ND		2.68	2.14		mg/Kg	☼	80	33 - 200	30	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*95*		*60 - 154*
Tetrachloro-m-xylene	*109*		*60 - 154*
DCB Decachlorobiphenyl	*105*		*65 - 174*
DCB Decachlorobiphenyl	*97*		*65 - 174*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-848843/1-A
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 848843

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		07/09/26 14:19	07/11/26 11:40	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-848843/1-A
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 848843

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g		07/09/26 14:19	07/11/26 11:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g		07/09/26 14:19	07/11/26 11:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g		07/09/26 14:19	07/11/26 11:40	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g		07/09/26 14:19	07/11/26 11:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g		07/09/26 14:19	07/11/26 11:40	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		07/09/26 14:19	07/11/26 11:40	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-848843/1-A
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 848843

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		07/09/26 14:19	07/11/26 11:40	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g		07/09/26 14:19	07/11/26 11:40	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97.7*		*8 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C5 PFPeA	*110*		*35 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C5 PFHxA	*111*		*40 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C4 PFHpA	*113*		*40 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C8 PFOA	*98.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C9 PFNA	*92.3*		*40 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C6 PFDA	*86.3*		*40 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C7 PFUnA	*81.5*		*40 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C2 PFTeDA	*47.4*		*20 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C3 PFBS	*100*		*40 - 135*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C3 PFHxS	*95.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C8 PFOS	*84.1*		*40 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C8 FOSA	*78.9*		*40 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
d3-NMeFOSAA	*69.0*		*40 - 135*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
d5-NEtFOSAA	*70.2*		*40 - 150*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C2 4:2 FTS	*108*		*40 - 165*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C2 6:2 FTS	*107*		*40 - 215*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C2 8:2 FTS	*226*		*40 - 275*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C3 HFPO-DA	*93.2*		*40 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
d7-N-MeFOSE-M	*34.4*		*20 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
d9-N-EtFOSE-M	*28.1*		*15 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
d5-NEtPFOSA	*49.4*		*10 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
d3-NMePFOSA	*60.6*		*10 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C2 PFDoA	*71.4*		*40 - 130*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C3-PFDoS	*62.2*		*20 - 150*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C3-3:3 FTCA	*111*		*20 - 150*	*07/09/26 14:19*	*07/11/26 11:40*	*1*
13C3-5:3 FTCA	*99.4*		*20 - 150*	*07/09/26 14:19*	*07/11/26 11:40*	*1*

Lab Sample ID: LCS 410-848843/2-A
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 848843

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.64		ng/g		93	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.12		ng/g		85	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.24		ng/g		90	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.09		ng/g		83	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.19		ng/g		87	70 - 150
Perfluorononanoic acid (PFNA)	2.50	1.99		ng/g		80	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.07		ng/g		83	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.32		ng/g		93	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.19		ng/g		88	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-848843/2-A
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 848843

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid (PFTrDA)	2.50	2.19		ng/g		87	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.67		ng/g		107	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.90		ng/g		86	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.16		ng/g		92	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.02		ng/g		89	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.29		ng/g		96	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.28		ng/g		98	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.20		ng/g		91	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.99		ng/g		83	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.10		ng/g		86	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.19		ng/g		89	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.71		ng/g		99	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.26		ng/g		89	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.42		ng/g		97	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.26		ng/g		90	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.49		ng/g		100	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.44		ng/g		98	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.30		ng/g		92	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.9		ng/g		95	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	11.6		ng/g		93	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.65		ng/g		88	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.47		ng/g		105	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.41		ng/g		96	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.14		ng/g		86	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.27		ng/g		91	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.04		ng/g		87	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.94		ng/g		82	45 - 160

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-848843/2-A
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 848843

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.11		ng/g		95	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.36		ng/g		87	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	10.4		ng/g		83	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	8.64		ng/g		69	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*81.8*		*8 - 130*
13C5 PFPeA	*88.0*		*35 - 130*
13C5 PFHxA	*88.5*		*40 - 130*
13C4 PFHpA	*90.0*		*40 - 130*
13C8 PFOA	*80.8*		*40 - 130*
13C9 PFNA	*83.0*		*40 - 130*
13C6 PFDA	*75.5*		*40 - 130*
13C7 PFUnA	*65.5*		*40 - 130*
13C2 PFTeDA	*45.9*		*20 - 130*
13C3 PFBS	*81.1*		*40 - 135*
13C3 PFHxS	*77.2*		*40 - 130*
13C8 PFOS	*71.7*		*40 - 130*
13C8 FOSA	*66.5*		*40 - 130*
d3-NMeFOSAA	*54.2*		*40 - 135*
d5-NEtFOSAA	*56.5*		*40 - 150*
13C2 4:2 FTS	*83.5*		*40 - 165*
13C2 6:2 FTS	*75.4*		*40 - 215*
13C2 8:2 FTS	*179*		*40 - 275*
13C3 HFPO-DA	*79.9*		*40 - 130*
d7-N-MeFOSE-M	*26.2*		*20 - 130*
d9-N-EtFOSE-M	*19.8*		*15 - 130*
d5-NEtPFOSA	*47.9*		*10 - 130*
d3-NMePFOSA	*56.6*		*10 - 130*
13C2 PFDoA	*62.9*		*40 - 130*
13C3-PFDoS	*54.7*		*20 - 150*
13C3-3:3 FTCA	*89.2*		*20 - 150*
13C3-5:3 FTCA	*82.4*		*20 - 150*

Lab Sample ID: LLCS 410-848843/3-A
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 848843

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.483		ng/g		97	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.228		ng/g		91	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.240		ng/g		96	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.229		ng/g		92	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.256		ng/g		102	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.248		ng/g		99	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.248		ng/g		99	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-848843/3-A
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 848843

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	0.250	0.245		ng/g		98	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.239		ng/g		95	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.232		ng/g		93	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.239		ng/g		96	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.199	J	ng/g		90	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.210		ng/g		90	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.210		ng/g		92	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.227		ng/g		95	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.305		ng/g		131	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.218		ng/g		91	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.199	J	ng/g		83	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.226		ng/g		93	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.476		ng/g		101	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.504		ng/g		106	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.453		ng/g		94	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.260		ng/g		104	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.248		ng/g		99	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.266		ng/g		107	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.282		ng/g		113	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.220		ng/g		88	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.20		ng/g		96	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.19		ng/g		95	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.156	J	ng/g		83	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.240		ng/g		102	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.240		ng/g		96	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.227		ng/g		91	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.278		ng/g		111	60 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-848843/3-A
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 848843

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.217		ng/g		93	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.201		ng/g		85	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.194	J	ng/g		87	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.411		ng/g		82	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.26		ng/g		101	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	0.973	J	ng/g		78	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*83.9*		*8 - 130*
13C5 PFPeA	*91.4*		*35 - 130*
13C5 PFHxA	*94.5*		*40 - 130*
13C4 PFHpA	*89.2*		*40 - 130*
13C8 PFOA	*88.2*		*40 - 130*
13C9 PFNA	*79.1*		*40 - 130*
13C6 PFDA	*68.6*		*40 - 130*
13C7 PFUnA	*65.0*		*40 - 130*
13C2 PFTeDA	*46.0*		*20 - 130*
13C3 PFBS	*83.1*		*40 - 135*
13C3 PFHxS	*81.0*		*40 - 130*
13C8 PFOS	*71.7*		*40 - 130*
13C8 FOSA	*67.7*		*40 - 130*
d3-NMeFOSAA	*54.4*		*40 - 135*
d5-NEtFOSAA	*54.3*		*40 - 150*
13C2 4:2 FTS	*79.5*		*40 - 165*
13C2 6:2 FTS	*77.5*		*40 - 215*
13C2 8:2 FTS	*196*		*40 - 275*
13C3 HFPO-DA	*85.3*		*40 - 130*
d7-N-MeFOSE-M	*34.7*		*20 - 130*
d9-N-EtFOSE-M	*31.7*		*15 - 130*
d5-NEtPFOSA	*46.2*		*10 - 130*
d3-NMePFOSA	*54.1*		*10 - 130*
13C2 PFDoA	*58.9*		*40 - 130*
13C3-PFDoS	*51.3*		*20 - 150*
13C3-3:3 FTCA	*93.5*		*20 - 150*
13C3-5:3 FTCA	*84.4*		*20 - 150*

Lab Sample ID: 480-240063-10 MS
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: RI-BH-8 1-3'
Prep Type: Total/NA
Prep Batch: 848843

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	ND		4.99	4.80		ng/g	☼	96	70 - 140
Perfluoropentanoic acid (PFPeA)	ND		2.49	2.26		ng/g	☼	91	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240063-10 MS
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: RI-BH-8 1-3'
Prep Type: Total/NA
Prep Batch: 848843

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid (PFHxA)	ND		2.49	2.34		ng/g	☼	94	65 - 140
Perfluoroheptanoic acid (PFHpA)	ND		2.49	2.21		ng/g	☼	89	65 - 145
Perfluorooctanoic acid (PFOA)	0.088	J	2.49	2.23		ng/g	☼	86	70 - 150
Perfluorononanoic acid (PFNA)	ND		2.49	2.26		ng/g	☼	91	70 - 155
Perfluorodecanoic acid (PFDA)	ND		2.49	2.31		ng/g	☼	93	70 - 155
Perfluoroundecanoic acid (PFUnA)	ND		2.49	2.20		ng/g	☼	88	70 - 155
Perfluorododecanoic acid (PFDoA)	ND		2.49	2.23		ng/g	☼	90	70 - 150
Perfluorotridecanoic acid (PFTrDA)	ND		2.49	2.12		ng/g	☼	85	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	ND		2.49	2.69		ng/g	☼	108	65 - 150
Perfluorobutanesulfonic acid (PFBS)	ND		2.21	1.89		ng/g	☼	86	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		2.34	2.07		ng/g	☼	88	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	ND		2.27	1.93		ng/g	☼	85	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.38	2.26		ng/g	☼	95	65 - 155
Perfluorooctanesulfonic acid (PFOS)	ND		2.32	2.40		ng/g	☼	103	65 - 160
Perfluorononanesulfonic acid (PFNS)	ND		2.40	2.11		ng/g	☼	88	55 - 140
Perfluorodecanesulfonic acid (PFDS)	ND		2.40	2.00		ng/g	☼	83	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	ND		2.42	2.17		ng/g	☼	90	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.68	4.60		ng/g	☼	98	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.75	4.55		ng/g	☼	96	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.79	4.14		ng/g	☼	87	70 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		2.49	2.48		ng/g	☼	99	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.49	2.34		ng/g	☼	94	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.49	2.50		ng/g	☼	100	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.49	2.34		ng/g	☼	94	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.49	2.29		ng/g	☼	92	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.5	12.3		ng/g	☼	98	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.5	11.8		ng/g	☼	95	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.87	1.69		ng/g	☼	90	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.36	2.43		ng/g	☼	103	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.49	2.25		ng/g	☼	90	30 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240063-10 MS
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: RI-BH-8 1-3'
Prep Type: Total/NA
Prep Batch: 848843

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.49	2.14		ng/g	☼	86	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.49	2.08		ng/g	☼	84	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.33	2.10		ng/g	☼	90	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.35	2.02		ng/g	☼	86	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.22	1.91		ng/g	☼	86	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.99	4.41		ng/g	☼	88	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.5	10.3		ng/g	☼	83	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.5	16.4		ng/g	☼	132	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*73.9*		*8 - 130*
13C5 PFPeA	*83.9*		*35 - 130*
13C5 PFHxA	*83.2*		*40 - 130*
13C4 PFHpA	*84.3*		*40 - 130*
13C8 PFOA	*76.2*		*40 - 130*
13C9 PFNA	*76.7*		*40 - 130*
13C6 PFDA	*73.3*		*40 - 130*
13C7 PFUnA	*69.2*		*40 - 130*
13C2 PFTeDA	*56.3*		*20 - 130*
13C3 PFBS	*70.8*		*40 - 135*
13C3 PFHxS	*72.0*		*40 - 130*
13C8 PFOS	*68.0*		*40 - 130*
13C8 FOSA	*66.9*		*40 - 130*
d3-NMeFOSAA	*68.9*		*40 - 135*
d5-NEtFOSAA	*74.4*		*40 - 150*
13C2 4:2 FTS	*114*		*40 - 165*
13C2 6:2 FTS	*97.9*		*40 - 215*
13C2 8:2 FTS	*192*		*40 - 275*
13C3 HFPO-DA	*74.1*		*40 - 130*
d7-N-MeFOSE-M	*51.1*		*20 - 130*
d9-N-EtFOSE-M	*46.1*		*15 - 130*
d5-NEtPFOSA	*51.8*		*10 - 130*
d3-NMePFOSA	*60.1*		*10 - 130*
13C2 PFDoA	*68.8*		*40 - 130*
13C3-PFDoS	*59.1*		*20 - 150*
13C3-3:3 FTCA	*77.8*		*20 - 150*
13C3-5:3 FTCA	*81.5*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240063-10 MSD
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: RI-BH-8 1-3'
Prep Type: Total/NA
Prep Batch: 848843

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	ND		4.96	4.85		ng/g	☼	98	70 - 140	1	30
Perfluoropentanoic acid (PFPeA)	ND		2.48	2.20		ng/g	☼	89	60 - 150	3	30
Perfluorohexanoic acid (PFHxA)	ND		2.48	2.35		ng/g	☼	95	65 - 140	0	30
Perfluoroheptanoic acid (PFHpA)	ND		2.48	2.20		ng/g	☼	89	65 - 145	1	30
Perfluorooctanoic acid (PFOA)	0.088	J	2.48	2.37		ng/g	☼	92	70 - 150	6	30
Perfluorononanoic acid (PFNA)	ND		2.48	2.03		ng/g	☼	82	70 - 155	11	30
Perfluorodecanoic acid (PFDA)	ND		2.48	2.13		ng/g	☼	86	70 - 155	8	30
Perfluoroundecanoic acid (PFUnA)	ND		2.48	2.28		ng/g	☼	92	70 - 155	3	30
Perfluorododecanoic acid (PFDoA)	ND		2.48	2.25		ng/g	☼	91	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)	ND		2.48	2.30		ng/g	☼	93	65 - 150	8	30
Perfluorotetradecanoic acid (PFTeDA)	ND		2.48	2.44		ng/g	☼	98	65 - 150	10	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.20	1.87		ng/g	☼	85	65 - 145	1	30
Perfluoropentanesulfonic acid (PFPeS)	ND		2.33	2.05		ng/g	☼	88	55 - 160	1	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.26	2.04		ng/g	☼	90	60 - 150	6	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.37	2.28		ng/g	☼	96	65 - 155	1	30
Perfluorooctanesulfonic acid (PFOS)	ND		2.31	2.39		ng/g	☼	104	65 - 160	0	30
Perfluorononanesulfonic acid (PFNS)	ND		2.39	2.16		ng/g	☼	90	55 - 140	2	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.39	1.99		ng/g	☼	83	40 - 155	1	30
Perfluorododecanesulfonic acid (PFDoS)	ND		2.41	2.17		ng/g	☼	90	25 - 160	0	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.66	4.52		ng/g	☼	97	60 - 150	2	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.73	4.28		ng/g	☼	91	55 - 200	6	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.77	4.23		ng/g	☼	89	70 - 150	2	30
Perfluorooctanesulfonamide (PFOSA)	ND		2.48	2.50		ng/g	☼	101	70 - 140	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.48	2.31		ng/g	☼	93	70 - 155	1	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.48	2.53		ng/g	☼	102	70 - 140	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.48	2.54		ng/g	☼	102	65 - 155	8	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.48	2.32		ng/g	☼	94	65 - 165	1	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.4	11.9		ng/g	☼	96	70 - 140	3	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.4	11.1		ng/g	☼	89	70 - 135	6	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.86	1.72		ng/g	☼	92	70 - 145	2	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240063-10 MSD
Matrix: Solid
Analysis Batch: 849742

Client Sample ID: RI-BH-8 1-3'
Prep Type: Total/NA
Prep Batch: 848843

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.35	2.43		ng/g	☼	104	70 - 160	0	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.48	2.21		ng/g	☼	89	30 - 140	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.48	2.18		ng/g	☼	88	60 - 150	2	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.48	2.23		ng/g	☼	90	60 - 155	7	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.32	2.17		ng/g	☼	94	70 - 150	3	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.34	2.11		ng/g	☼	90	45 - 160	4	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.21	1.90		ng/g	☼	86	70 - 140	0	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.96	4.31		ng/g	☼	87	45 - 130	2	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.4	10.5		ng/g	☼	84	60 - 130	1	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.4	15.9		ng/g	☼	128	60 - 150	3	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*76.2*		*8 - 130*
13C5 PFPeA	*84.4*		*35 - 130*
13C5 PFHxA	*83.0*		*40 - 130*
13C4 PFHpA	*83.8*		*40 - 130*
13C8 PFOA	*70.4*		*40 - 130*
13C9 PFNA	*72.9*		*40 - 130*
13C6 PFDA	*67.7*		*40 - 130*
13C7 PFUnA	*64.0*		*40 - 130*
13C2 PFTeDA	*55.3*		*20 - 130*
13C3 PFBS	*76.1*		*40 - 135*
13C3 PFHxS	*72.5*		*40 - 130*
13C8 PFOS	*68.0*		*40 - 130*
13C8 FOSA	*69.9*		*40 - 130*
d3-NMeFOSAA	*71.0*		*40 - 135*
d5-NEtFOSAA	*75.7*		*40 - 150*
13C2 4:2 FTS	*126*		*40 - 165*
13C2 6:2 FTS	*120*		*40 - 215*
13C2 8:2 FTS	*172*		*40 - 275*
13C3 HFPO-DA	*76.7*		*40 - 130*
d7-N-MeFOSE-M	*56.9*		*20 - 130*
d9-N-EtFOSE-M	*54.6*		*15 - 130*
d5-NEtPFOSA	*53.0*		*10 - 130*
d3-NMePFOSA	*60.3*		*10 - 130*
13C2 PFDoA	*60.8*		*40 - 130*
13C3-PFDoS	*60.7*		*20 - 150*
13C3-3:3 FTCA	*81.0*		*20 - 150*
13C3-5:3 FTCA	*84.1*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-851001/1-A
Matrix: Solid
Analysis Batch: 853419

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851001

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g		07/14/26 07:54	07/18/26 11:02	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g		07/14/26 07:54	07/18/26 11:02	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g		07/14/26 07:54	07/18/26 11:02	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g		07/14/26 07:54	07/18/26 11:02	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-851001/1-A
Matrix: Solid
Analysis Batch: 853419

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851001

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g		07/14/26 07:54	07/18/26 11:02	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		07/14/26 07:54	07/18/26 11:02	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		07/14/26 07:54	07/18/26 11:02	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g		07/14/26 07:54	07/18/26 11:02	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97.3*		*8 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C5 PFPeA	*92.9*		*35 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C5 PFHxA	*99.6*		*40 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C4 PFHpA	*91.2*		*40 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C8 PFOA	*91.6*		*40 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C9 PFNA	*89.6*		*40 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C6 PFDA	*85.5*		*40 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C7 PFUnA	*95.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C2 PFTeDA	*71.8*		*20 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C3 PFBS	*93.4*		*40 - 135*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C3 PFHxS	*85.4*		*40 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C8 PFOS	*81.1*		*40 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C8 FOSA	*88.8*		*40 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
d3-NMeFOSAA	*74.9*		*40 - 135*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
d5-NEtFOSAA	*69.3*		*40 - 150*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C2 4:2 FTS	*104*		*40 - 165*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C2 6:2 FTS	*117*		*40 - 215*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C2 8:2 FTS	*218*		*40 - 275*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C3 HFPO-DA	*101*		*40 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
d7-N-MeFOSE-M	*64.8*		*20 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
d9-N-EtFOSE-M	*64.2*		*15 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
d5-NEtPFOSA	*59.4*		*10 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
d3-NMePFOSA	*71.6*		*10 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C2 PFDoA	*79.2*		*40 - 130*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C3-PFDoS	*70.7*		*20 - 150*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C3-3:3 FTCA	*108*		*20 - 150*	*07/14/26 07:54*	*07/18/26 11:02*	*1*
13C3-5:3 FTCA	*119*		*20 - 150*	*07/14/26 07:54*	*07/18/26 11:02*	*1*

Lab Sample ID: LCS 410-851001/2-A
Matrix: Solid
Analysis Batch: 853419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.59		ng/g		92	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.38		ng/g		95	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.26		ng/g		90	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.16		ng/g		86	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.16		ng/g		87	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-851001/2-A
Matrix: Solid
Analysis Batch: 853419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	2.50	2.04		ng/g		82	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.54		ng/g		102	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.24		ng/g		90	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.32		ng/g		93	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.28		ng/g		91	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.21		ng/g		89	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.83		ng/g		82	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.11		ng/g		90	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.93		ng/g		85	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.47		ng/g		104	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.41		ng/g		103	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.28		ng/g		95	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	1.84		ng/g		76	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.89		ng/g		78	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.19		ng/g		89	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.14		ng/g		87	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	3.93		ng/g		82	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.22		ng/g		89	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.39		ng/g		95	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.63		ng/g		105	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.34		ng/g		94	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.00		ng/g		80	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.6		ng/g		93	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	11.4		ng/g		91	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.54		ng/g		82	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.37		ng/g		100	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.32		ng/g		93	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.54		ng/g		102	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-851001/2-A
Matrix: Solid
Analysis Batch: 853419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	1.86		ng/g		75	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.36		ng/g		101	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.86		ng/g		79	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.10		ng/g		94	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	3.76		ng/g		75	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	8.65		ng/g		69	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	8.16		ng/g		65	60 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*103*		*8 - 130*
13C5 PFPeA	*94.1*		*35 - 130*
13C5 PFHxA	*105*		*40 - 130*
13C4 PFHpA	*92.3*		*40 - 130*
13C8 PFOA	*95.8*		*40 - 130*
13C9 PFNA	*88.7*		*40 - 130*
13C6 PFDA	*81.7*		*40 - 130*
13C7 PFUnA	*77.4*		*40 - 130*
13C2 PFTeDA	*52.5*		*20 - 130*
13C3 PFBS	*94.1*		*40 - 135*
13C3 PFHxS	*92.5*		*40 - 130*
13C8 PFOS	*74.9*		*40 - 130*
13C8 FOSA	*77.5*		*40 - 130*
d3-NMeFOSAA	*62.6*		*40 - 135*
d5-NEtFOSAA	*55.5*		*40 - 150*
13C2 4:2 FTS	*101*		*40 - 165*
13C2 6:2 FTS	*108*		*40 - 215*
13C2 8:2 FTS	*204*		*40 - 275*
13C3 HFPO-DA	*108*		*40 - 130*
d7-N-MeFOSE-M	*35.8*		*20 - 130*
d9-N-EtFOSE-M	*34.3*		*15 - 130*
d5-NEtPFOSA	*44.6*		*10 - 130*
d3-NMePFOSA	*57.9*		*10 - 130*
13C2 PFDoA	*60.4*		*40 - 130*
13C3-PFDoS	*58.1*		*20 - 150*
13C3-3:3 FTCA	*119*		*20 - 150*
13C3-5:3 FTCA	*123*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-851001/3-A
Matrix: Solid
Analysis Batch: 853419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851001

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.471		ng/g		94	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.254		ng/g		102	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.241		ng/g		96	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.237		ng/g		95	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.256		ng/g		102	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.195	J	ng/g		78	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.253		ng/g		101	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.236		ng/g		94	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.253		ng/g		101	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.234		ng/g		94	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.237		ng/g		95	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.194	J	ng/g		87	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.209		ng/g		89	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.221		ng/g		97	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.255		ng/g		107	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.278		ng/g		120	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.244		ng/g		102	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.208		ng/g		86	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.189	J	ng/g		78	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.423		ng/g		90	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.367	J	ng/g		77	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.397	J	ng/g		83	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.229		ng/g		92	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.242		ng/g		97	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.259		ng/g		103	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.274		ng/g		109	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.217		ng/g		87	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.13		ng/g		91	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.13		ng/g		90	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.154	J	ng/g		82	70 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-851001/3-A
Matrix: Solid
Analysis Batch: 853419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851001

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.230		ng/g		97	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.256		ng/g		103	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.255		ng/g		102	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.213		ng/g		85	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.261		ng/g		112	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.206		ng/g		87	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.212		ng/g		95	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.463		ng/g		93	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.25		ng/g		100	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.07		ng/g		86	60 - 150

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*98.2*		*8 - 130*
13C5 PFPeA	*90.3*		*35 - 130*
13C5 PFHxA	*102*		*40 - 130*
13C4 PFHpA	*90.9*		*40 - 130*
13C8 PFOA	*89.6*		*40 - 130*
13C9 PFNA	*88.9*		*40 - 130*
13C6 PFDA	*87.0*		*40 - 130*
13C7 PFUnA	*89.5*		*40 - 130*
13C2 PFTeDA	*66.0*		*20 - 130*
13C3 PFBS	*95.4*		*40 - 135*
13C3 PFHxS	*90.1*		*40 - 130*
13C8 PFOS	*74.8*		*40 - 130*
13C8 FOSA	*80.2*		*40 - 130*
d3-NMeFOSAA	*70.1*		*40 - 135*
d5-NEtFOSAA	*66.0*		*40 - 150*
13C2 4:2 FTS	*105*		*40 - 165*
13C2 6:2 FTS	*129*		*40 - 215*
13C2 8:2 FTS	*201*		*40 - 275*
13C3 HFPO-DA	*107*		*40 - 130*
d7-N-MeFOSE-M	*45.0*		*20 - 130*
d9-N-EtFOSE-M	*46.3*		*15 - 130*
d5-NEtPFOSA	*51.1*		*10 - 130*
d3-NMePFOSA	*63.7*		*10 - 130*
13C2 PFDoA	*72.7*		*40 - 130*
13C3-PFDoS	*68.9*		*20 - 150*
13C3-3:3 FTCA	*117*		*20 - 150*
13C3-5:3 FTCA	*115*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240063-19 MS
Matrix: Solid
Analysis Batch: 853419

Client Sample ID: RI-BH-7 4-6'
Prep Type: Total/NA
Prep Batch: 851001

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	ND		4.92	4.83		ng/g	☼	98	70 - 140
Perfluoropentanoic acid (PFPeA)	ND		2.46	2.37		ng/g	☼	96	60 - 150
Perfluorohexanoic acid (PFHxA)	ND		2.46	2.24		ng/g	☼	91	65 - 140
Perfluoroheptanoic acid (PFHpA)	ND		2.46	2.15		ng/g	☼	88	65 - 145
Perfluorooctanoic acid (PFOA)	ND		2.46	2.17		ng/g	☼	88	70 - 150
Perfluorononanoic acid (PFNA)	ND		2.46	2.06		ng/g	☼	84	70 - 155
Perfluorodecanoic acid (PFDA)	ND		2.46	2.53		ng/g	☼	103	70 - 155
Perfluoroundecanoic acid (PFUnA)	ND		2.46	2.42		ng/g	☼	98	70 - 155
Perfluorododecanoic acid (PFDoA)	ND		2.46	2.45		ng/g	☼	100	70 - 150
Perfluorotridecanoic acid (PFTrDA)	ND		2.46	2.21		ng/g	☼	90	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	ND		2.46	2.07		ng/g	☼	84	65 - 150
Perfluorobutanesulfonic acid (PFBS)	ND		2.18	2.05		ng/g	☼	94	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		2.31	2.19		ng/g	☼	95	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	ND		2.24	2.01		ng/g	☼	90	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.35	2.50		ng/g	☼	107	65 - 155
Perfluorooctanesulfonic acid (PFOS)	ND		2.29	2.49		ng/g	☼	109	65 - 160
Perfluorononanesulfonic acid (PFNS)	ND		2.37	2.42		ng/g	☼	102	55 - 140
Perfluorodecanesulfonic acid (PFDS)	ND		2.37	2.03		ng/g	☼	86	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	ND		2.39	2.04		ng/g	☼	86	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.61	4.43		ng/g	☼	96	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.68	4.00		ng/g	☼	85	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.72	4.08		ng/g	☼	86	70 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		2.46	2.36		ng/g	☼	96	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.46	2.42		ng/g	☼	99	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.46	2.79		ng/g	☼	114	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.46	2.36		ng/g	☼	96	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.46	2.04		ng/g	☼	83	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.3	12.6		ng/g	☼	102	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.3	12.4		ng/g	☼	101	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.84	1.60		ng/g	☼	87	70 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240063-19 MS
Matrix: Solid
Analysis Batch: 853419

Client Sample ID: RI-BH-7 4-6'
Prep Type: Total/NA
Prep Batch: 851001

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.33	2.41		ng/g	☼	104	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.46	2.32		ng/g	☼	94	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.46	2.51		ng/g	☼	102	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.46	2.07		ng/g	☼	84	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.30	2.53		ng/g	☼	110	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.32	2.06		ng/g	☼	89	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.19	2.08		ng/g	☼	95	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.92	3.86		ng/g	☼	79	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.3	9.87		ng/g	☼	80	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.3	8.64		ng/g	☼	70	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*83.9*		*8 - 130*
13C5 PFPeA	*79.3*		*35 - 130*
13C5 PFHxA	*84.5*		*40 - 130*
13C4 PFHpA	*77.3*		*40 - 130*
13C8 PFOA	*79.6*		*40 - 130*
13C9 PFNA	*72.1*		*40 - 130*
13C6 PFDA	*72.9*		*40 - 130*
13C7 PFUnA	*74.5*		*40 - 130*
13C2 PFTeDA	*45.3*		*20 - 130*
13C3 PFBS	*75.6*		*40 - 135*
13C3 PFHxS	*69.5*		*40 - 130*
13C8 PFOS	*66.5*		*40 - 130*
13C8 FOSA	*71.1*		*40 - 130*
d3-NMeFOSAA	*58.3*		*40 - 135*
d5-NEtFOSAA	*52.4*		*40 - 150*
13C2 4:2 FTS	*75.4*		*40 - 165*
13C2 6:2 FTS	*84.5*		*40 - 215*
13C2 8:2 FTS	*162*		*40 - 275*
13C3 HFPO-DA	*86.3*		*40 - 130*
d7-N-MeFOSE-M	*28.3*		*20 - 130*
d9-N-EtFOSE-M	*22.2*		*15 - 130*
d5-NEtPFOSA	*40.6*		*10 - 130*
d3-NMePFOSA	*55.7*		*10 - 130*
13C2 PFDoA	*58.0*		*40 - 130*
13C3-PFDoS	*47.5*		*20 - 150*
13C3-3:3 FTCA	*93.7*		*20 - 150*
13C3-5:3 FTCA	*92.8*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240063-19 MSD
Matrix: Solid
Analysis Batch: 853419

Client Sample ID: RI-BH-7 4-6'
Prep Type: Total/NA
Prep Batch: 851001

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	ND		4.82	4.55		ng/g	☼	94	70 - 140	6	30
Perfluoropentanoic acid (PFPeA)	ND		2.41	2.35		ng/g	☼	98	60 - 150	1	30
Perfluorohexanoic acid (PFHxA)	ND		2.41	2.19		ng/g	☼	91	65 - 140	2	30
Perfluoroheptanoic acid (PFHpA)	ND		2.41	2.08		ng/g	☼	86	65 - 145	3	30
Perfluorooctanoic acid (PFOA)	ND		2.41	2.06		ng/g	☼	86	70 - 150	5	30
Perfluorononanoic acid (PFNA)	ND		2.41	1.94		ng/g	☼	80	70 - 155	6	30
Perfluorodecanoic acid (PFDA)	ND		2.41	2.31		ng/g	☼	96	70 - 155	9	30
Perfluoroundecanoic acid (PFUnA)	ND		2.41	2.31		ng/g	☼	96	70 - 155	4	30
Perfluorododecanoic acid (PFDoA)	ND		2.41	2.20		ng/g	☼	91	70 - 150	11	30
Perfluorotridecanoic acid (PFTrDA)	ND		2.41	2.21		ng/g	☼	92	65 - 150	0	30
Perfluorotetradecanoic acid (PFTeDA)	ND		2.41	2.05		ng/g	☼	85	65 - 150	1	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.14	1.82		ng/g	☼	85	65 - 145	12	30
Perfluoropentanesulfonic acid (PFPeS)	ND		2.26	2.04		ng/g	☼	90	55 - 160	7	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.20	2.00		ng/g	☼	91	60 - 150	1	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.30	2.30		ng/g	☼	100	65 - 155	8	30
Perfluorooctanesulfonic acid (PFOS)	ND		2.24	2.45		ng/g	☼	109	65 - 160	2	30
Perfluorononanesulfonic acid (PFNS)	ND		2.32	2.35		ng/g	☼	101	55 - 140	3	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.32	2.11		ng/g	☼	91	40 - 155	4	30
Perfluorododecanesulfonic acid (PFDoS)	ND		2.34	1.93		ng/g	☼	82	25 - 160	6	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.52	4.00		ng/g	☼	89	60 - 150	10	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.59	3.85		ng/g	☼	84	55 - 200	4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.63	3.75		ng/g	☼	81	70 - 150	8	30
Perfluorooctanesulfonamide (PFOSA)	ND		2.41	2.27		ng/g	☼	94	70 - 140	4	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.41	2.15		ng/g	☼	89	70 - 155	12	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.41	2.51		ng/g	☼	104	70 - 140	11	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.41	2.26		ng/g	☼	94	65 - 155	4	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.41	2.00		ng/g	☼	83	65 - 165	2	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.0	11.6		ng/g	☼	96	70 - 140	8	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.0	11.4		ng/g	☼	95	70 - 135	8	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.81	1.51		ng/g	☼	84	70 - 145	6	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240063-19 MSD
Matrix: Solid
Analysis Batch: 853419

Client Sample ID: RI-BH-7 4-6'
Prep Type: Total/NA
Prep Batch: 851001

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.28	2.29		ng/g	☼	101	70 - 160	5	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.41	2.38		ng/g	☼	99	30 - 140	3	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.41	2.44		ng/g	☼	101	60 - 150	3	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.41	1.72		ng/g	☼	72	60 - 155	18	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.25	2.56		ng/g	☼	114	70 - 150	1	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.27	2.00		ng/g	☼	88	45 - 160	3	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.15	2.07		ng/g	☼	96	70 - 140	1	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.82	3.81		ng/g	☼	79	45 - 130	1	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.0	9.12		ng/g	☼	76	60 - 130	8	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.0	9.14		ng/g	☼	76	60 - 150	6	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*86.9*		*8 - 130*
13C5 PFPeA	*77.5*		*35 - 130*
13C5 PFHxA	*86.5*		*40 - 130*
13C4 PFHpA	*78.7*		*40 - 130*
13C8 PFOA	*84.2*		*40 - 130*
13C9 PFNA	*82.8*		*40 - 130*
13C6 PFDA	*84.6*		*40 - 130*
13C7 PFUnA	*87.9*		*40 - 130*
13C2 PFTeDA	*64.0*		*20 - 130*
13C3 PFBS	*82.5*		*40 - 135*
13C3 PFHxS	*78.9*		*40 - 130*
13C8 PFOS	*71.5*		*40 - 130*
13C8 FOSA	*78.7*		*40 - 130*
d3-NMeFOSAA	*68.2*		*40 - 135*
d5-NEtFOSAA	*64.6*		*40 - 150*
13C2 4:2 FTS	*81.4*		*40 - 165*
13C2 6:2 FTS	*97.8*		*40 - 215*
13C2 8:2 FTS	*190*		*40 - 275*
13C3 HFPO-DA	*89.7*		*40 - 130*
d7-N-MeFOSE-M	*53.6*		*20 - 130*
d9-N-EtFOSE-M	*55.5*		*15 - 130*
d5-NEtPFOSA	*54.9*		*10 - 130*
d3-NMePFOSA	*69.7*		*10 - 130*
13C2 PFDoA	*77.6*		*40 - 130*
13C3-PFDoS	*63.9*		*20 - 150*
13C3-3:3 FTCA	*97.4*		*20 - 150*
13C3-5:3 FTCA	*95.6*		*20 - 150*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-779834/1-A
Matrix: Solid
Analysis Batch: 779976

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779834

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10.5	9.1	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Antimony	ND		15.8	0.56	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Arsenic	ND		2.1	0.93	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Barium	ND		0.53	0.15	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Beryllium	ND		0.21	0.042	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Cadmium	ND		0.21	0.074	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Calcium	ND		52.7	28.4	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Chromium	ND		0.53	0.38	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Cobalt	ND		0.53	0.11	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Copper	ND		1.1	0.60	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Iron	ND		10.5	8.9	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Lead	ND		1.1	0.48	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Magnesium	ND		21.1	8.9	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Manganese	ND		1.1	0.30	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Nickel	ND		5.3	0.26	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Potassium	ND		31.6	25.5	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Selenium	ND		4.2	0.84	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Silver	ND	^5-	0.63	0.21	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Sodium	ND		148	64.6	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Thallium	ND		6.3	0.80	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Vanadium	ND		0.53	0.14	mg/Kg		07/02/26 16:16	07/06/26 15:50	1
Zinc	ND		2.1	1.1	mg/Kg		07/02/26 16:16	07/06/26 15:50	1

Lab Sample ID: LCSSRM 480-779834/2-A
Matrix: Solid
Analysis Batch: 779976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779834

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7680	7414		mg/Kg		96.5	38.7 - 126.3
Antimony	221	69.97		mg/Kg		31.7	10.0 - 126.7
Arsenic	326	250.9		mg/Kg		77.0	58.9 - 110.1
Barium	333	255.1		mg/Kg		76.6	66.4 - 110.8
Beryllium	234	184.7		mg/Kg		78.9	66.7 - 111.1
Cadmium	184	142.6		mg/Kg		77.5	63.6 - 109.8
Calcium	4280	3599		mg/Kg		84.1	67.1 - 120.3
Chromium	137	114.3		mg/Kg		83.4	61.8 - 114.6
Cobalt	230	214.2		mg/Kg		93.1	67.8 - 113.0
Copper	193	150.2		mg/Kg		77.8	66.8 - 111.4
Iron	7360	6858		mg/Kg		93.2	10.0 - 179.3
Lead	272	250.0		mg/Kg		91.9	66.5 - 113.6

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-779834/2-A
Matrix: Solid
Analysis Batch: 779976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779834

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	2300	1973		mg/Kg		85.8	52.6 - 123.9
Manganese	798	619.6		mg/Kg		77.6	69.4 - 110.0
Nickel	292	241.4		mg/Kg		82.7	61.3 - 113.7
Potassium	2380	1990		mg/Kg		83.6	51.3 - 121.4
Selenium	103	84.85		mg/Kg		82.4	55.8 - 117.5
Silver	57.7	47.59		mg/Kg		82.5	64.1 - 118.9
Sodium	288	232.1		mg/Kg		80.6	48.3 - 137.5
Thallium	194	168.6		mg/Kg		86.9	61.3 - 111.9
Vanadium	272	218.0		mg/Kg		80.1	65.8 - 109.9
Zinc	404	365.7		mg/Kg		90.5	61.6 - 114.4

Lab Sample ID: MB 480-779835/1-A
Matrix: Solid
Analysis Batch: 780000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779835

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		9.9	8.6	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Antimony	ND		14.9	0.53	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Arsenic	ND		2.0	0.87	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Barium	ND		0.50	0.14	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Beryllium	ND		0.20	0.040	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Cadmium	ND		0.20	0.069	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Calcium	ND		49.6	26.8	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Chromium	ND		0.50	0.36	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Cobalt	ND		0.50	0.099	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Copper	ND		0.99	0.57	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Iron	ND		9.9	8.4	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Lead	ND		0.99	0.46	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Magnesium	ND		19.8	8.4	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Manganese	ND		0.99	0.28	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Nickel	ND		5.0	0.25	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Potassium	ND		29.8	24.0	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Selenium	ND		4.0	0.79	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Silver	ND	^5-	0.60	0.20	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Sodium	ND		139	60.8	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Thallium	ND		6.0	0.75	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Vanadium	ND		0.50	0.13	mg/Kg		07/02/26 16:16	07/06/26 17:10	1
Zinc	ND		2.0	1.0	mg/Kg		07/02/26 16:16	07/06/26 17:10	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-779835/2-A
Matrix: Solid
Analysis Batch: 780000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779835

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7680	7930		mg/Kg		103.3	38.7 - 126.3
Antimony	221	71.98		mg/Kg		32.6	10.0 - 126.7
Arsenic	326	248.9		mg/Kg		76.4	58.9 - 110.1
Barium	333	252.2		mg/Kg		75.7	66.4 - 110.8
Beryllium	234	185.6		mg/Kg		79.3	66.7 - 111.1
Cadmium	184	142.1		mg/Kg		77.2	63.6 - 109.8
Calcium	4280	3677		mg/Kg		85.9	67.1 - 120.3
Chromium	137	115.0		mg/Kg		84.0	61.8 - 114.6
Cobalt	230	213.2		mg/Kg		92.7	67.8 - 113.0
Copper	193	147.0		mg/Kg		76.2	66.8 - 111.4
Iron	7360	7132		mg/Kg		96.9	10.0 - 179.3
Lead	272	248.2		mg/Kg		91.2	66.5 - 113.6
Magnesium	2300	2029		mg/Kg		88.2	52.6 - 123.9
Manganese	798	628.3		mg/Kg		78.7	69.4 - 110.0
Nickel	292	244.9		mg/Kg		83.9	61.3 - 113.7
Potassium	2380	2090		mg/Kg		87.8	51.3 - 121.4
Selenium	103	83.84		mg/Kg		81.4	55.8 - 117.5
Silver	57.7	47.55		mg/Kg		82.4	64.1 - 118.9
Sodium	288	243.4		mg/Kg		84.5	48.3 - 137.5
Thallium	194	165.1		mg/Kg		85.1	61.3 - 111.9
Vanadium	272	221.6		mg/Kg		81.5	65.8 - 109.9
Zinc	404	366.7		mg/Kg		90.8	61.6 - 114.4

Lab Sample ID: 480-240063-10 MS
Matrix: Solid
Analysis Batch: 780000

Client Sample ID: RI-BH-8 1-3'
Prep Type: Total/NA
Prep Batch: 779835

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5820	F2	1140	12570	4	mg/Kg	☼	590	75 - 125
Antimony	ND		112	86.01		mg/Kg	☼	77	75 - 125
Arsenic	22.5		224	224.8		mg/Kg	☼	90	75 - 125
Barium	284	F1	224	396.9	F1	mg/Kg	☼	50	75 - 125
Beryllium	0.31		112	104.5		mg/Kg	☼	93	75 - 125
Cadmium	1.6		112	111.4		mg/Kg	☼	98	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 480-240063-10 MS
Matrix: Solid
Analysis Batch: 780000

Client Sample ID: RI-BH-8 1-3'
Prep Type: Total/NA
Prep Batch: 779835

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	48500		5600	38520	4	mg/Kg	☼	-178	75 - 125
Chromium	18.5		112	124.6		mg/Kg	☼	95	75 - 125
Cobalt	4.6		112	119.4		mg/Kg	☼	103	75 - 125
Copper	51.5		112	135.9		mg/Kg	☼	75	75 - 125
Iron	14400	F2	1140	12190		mg/Kg	☼	-196	75 - 125
Lead	1940		112	1133	4	mg/Kg	☼	-720	75 - 125
Magnesium	6230	F1	5600	13930	F1	mg/Kg	☼	137	75 - 125
Manganese	279	F2 F1	112	321.4	F1	mg/Kg	☼	38	75 - 125
Nickel	12.2		112	116.9		mg/Kg	☼	93	75 - 125
Potassium	1410	F1	5600	8580	F1	mg/Kg	☼	128	75 - 125
Selenium	0.95	J	224	220.9		mg/Kg	☼	98	75 - 125
Silver	1.1	^5-	11.2	11.45	^5-	mg/Kg	☼	93	75 - 125
Sodium	307		5600	5635		mg/Kg	☼	95	75 - 125
Thallium	ND		224	229.1		mg/Kg	☼	102	75 - 125
Vanadium	21.2		112	131.0		mg/Kg	☼	98	75 - 125
Zinc	802		112	398.7	4	mg/Kg	☼	-360	75 - 125

Lab Sample ID: 480-240063-10 MSD
Matrix: Solid
Analysis Batch: 780000

Client Sample ID: RI-BH-8 1-3'
Prep Type: Total/NA
Prep Batch: 779835

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5820	F2	1140	9655	4 F2	mg/Kg	☼	336	75 - 125	26	20
Antimony	ND		112	88.97		mg/Kg	☼	80	75 - 125	3	20
Arsenic	22.5		224	239.8		mg/Kg	☼	97	75 - 125	6	20
Barium	284	F1	224	391.4	F1	mg/Kg	☼	48	75 - 125	1	20
Beryllium	0.31		112	102.8		mg/Kg	☼	92	75 - 125	2	20
Cadmium	1.6		112	111.1		mg/Kg	☼	98	75 - 125	0	20
Calcium	48500		5590	38080	4	mg/Kg	☼	-186	75 - 125	1	20
Chromium	18.5		112	120.4		mg/Kg	☼	91	75 - 125	3	20
Cobalt	4.6		112	124.3		mg/Kg	☼	107	75 - 125	4	20
Copper	51.5		112	141.4		mg/Kg	☼	80	75 - 125	4	20
Iron	14400	F2	1140	25100	4 F2	mg/Kg	☼	936	75 - 125	69	20
Lead	1940		112	923.3	4	mg/Kg	☼	-909	75 - 125	20	20
Magnesium	6230	F1	5590	11470		mg/Kg	☼	94	75 - 125	19	20
Manganese	279	F2 F1	112	435.0	F1 F2	mg/Kg	☼	140	75 - 125	30	20
Nickel	12.2		112	120.8		mg/Kg	☼	97	75 - 125	3	20
Potassium	1410	F1	5590	7315		mg/Kg	☼	106	75 - 125	16	20
Selenium	0.95	J	224	219.7		mg/Kg	☼	98	75 - 125	1	20
Silver	1.1	^5-	11.2	11.41	^5-	mg/Kg	☼	92	75 - 125	0	20
Sodium	307		5590	5490		mg/Kg	☼	93	75 - 125	3	20
Thallium	ND		223	231.6		mg/Kg	☼	104	75 - 125	1	20
Vanadium	21.2		112	128.6		mg/Kg	☼	96	75 - 125	2	20
Zinc	802		112	453.2	4	mg/Kg	☼	-312	75 - 125	13	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-780152/1-A
Matrix: Solid
Analysis Batch: 780212

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780152

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0047	mg/Kg		07/08/26 11:56	07/08/26 13:52	1

Lab Sample ID: LCSSRM 480-780152/2-A
Matrix: Solid
Analysis Batch: 780212

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780152

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	6.49	5.57		mg/Kg		85.9	60.1 - 140.1

Lab Sample ID: 480-240063-3 MS
Matrix: Solid
Analysis Batch: 780212

Client Sample ID: RI-BH-9 1-3'
Prep Type: Total/NA
Prep Batch: 780152

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.15	F1 F2	0.417	0.393	F1	mg/Kg	☼	58	80 - 120

Lab Sample ID: 480-240063-3 MSD
Matrix: Solid
Analysis Batch: 780212

Client Sample ID: RI-BH-9 1-3'
Prep Type: Total/NA
Prep Batch: 780152

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.15	F1 F2	0.430	0.548	F2	mg/Kg	☼	92	80 - 120	33	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-780075/1-A
Matrix: Solid
Analysis Batch: 780084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780075

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.94	0.45	mg/Kg		07/07/26 13:40	07/07/26 16:23	1

Lab Sample ID: LCS 480-780075/3-A
Matrix: Solid
Analysis Batch: 780084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780075

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.418		mg/Kg		105	29 - 122

Lab Sample ID: LCS 480-780075/4-A
Matrix: Solid
Analysis Batch: 780084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780075

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.273		mg/Kg		109	29 - 122

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: LCSSRM 480-780075/2-A
Matrix: Solid
Analysis Batch: 780084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780075

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	134	86.80		mg/Kg		64.8	31.6 - 131.3

Lab Sample ID: 480-240063-7 MS
Matrix: Solid
Analysis Batch: 780084

Client Sample ID: RI-BH-1 8-10'
Prep Type: Total/NA
Prep Batch: 780075

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND	F1	1.33	ND	F1	mg/Kg	☼	0	85 - 115

Lab Sample ID: MB 480-780416/1-A
Matrix: Solid
Analysis Batch: 780435

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780416

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.89	0.43	mg/Kg		07/09/26 14:02	07/10/26 14:48	1

Lab Sample ID: LCS 480-780416/3-A
Matrix: Solid
Analysis Batch: 780435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780416

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.389		mg/Kg		97	29 - 122

Lab Sample ID: LCS 480-780416/4-A
Matrix: Solid
Analysis Batch: 780435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780416

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.244		mg/Kg		98	29 - 122

Lab Sample ID: LCSSRM 480-780416/2-A
Matrix: Solid
Analysis Batch: 780435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780416

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	134	79.91		mg/Kg		59.6	31.6 - 131.3

Lab Sample ID: 480-240063-8 MS
Matrix: Solid
Analysis Batch: 780435

Client Sample ID: RI-BH-2 1-3'
Prep Type: Total/NA
Prep Batch: 780416

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND	F1	1.44	ND	F1	mg/Kg	☼	0	85 - 115

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 480-240063-8 DU
Matrix: Solid
Analysis Batch: 780435

Client Sample ID: RI-BH-2 1-3'
Prep Type: Total/NA
Prep Batch: 780416

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cyanide, Total	ND	F1		ND		mg/Kg	☼			NC	15

GC/MS VOA

Prep Batch: 779978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	5035A_L	
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	5035A_L	
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	5035A_L	
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	5035A_L	
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	5035A_L	
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	5035A_L	
MB 480-779978/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-779978/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Prep Batch: 779979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	5035A_L	
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	5035A_L	
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	5035A_L	
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	5035A_L	
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	5035A_L	
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	5035A_L	
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	5035A_L	
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	5035A_L	
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	5035A_L	
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	5035A_L	
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	5035A_L	
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	5035A_L	
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	5035A_L	
MB 480-779979/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-779979/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	
480-240063-13 MS	RI-BH-12 8-10	Total/NA	Solid	5035A_L	
480-240063-13 MSD	RI-BH-12 8-10	Total/NA	Solid	5035A_L	

Analysis Batch: 779982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	EPA 8260D	779978
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	EPA 8260D	779978
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	EPA 8260D	779978
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	EPA 8260D	779978
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	EPA 8260D	779978
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	EPA 8260D	779978
MB 480-779978/2-A	Method Blank	Total/NA	Solid	EPA 8260D	779978
LCS 480-779978/1-A	Lab Control Sample	Total/NA	Solid	EPA 8260D	779978

Analysis Batch: 779985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	EPA 8260D	779979
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	EPA 8260D	779979
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	EPA 8260D	779979
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	EPA 8260D	779979
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	EPA 8260D	779979
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	EPA 8260D	779979
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	EPA 8260D	779979
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	EPA 8260D	779979
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	EPA 8260D	779979

GC/MS VOA (Continued)

Analysis Batch: 779985 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	EPA 8260D	779979
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	EPA 8260D	779979
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	EPA 8260D	779979
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	EPA 8260D	779979
MB 480-779979/2-A	Method Blank	Total/NA	Solid	EPA 8260D	779979
LCS 480-779979/1-A	Lab Control Sample	Total/NA	Solid	EPA 8260D	779979
480-240063-13 MS	RI-BH-12 8-10	Total/NA	Solid	EPA 8260D	779979
480-240063-13 MSD	RI-BH-12 8-10	Total/NA	Solid	EPA 8260D	779979

GC/MS Semi VOA

Prep Batch: 779822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	3546	
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	3546	
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	3546	
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	3546	
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	3546	
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	3546	
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	3546	
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	3546	
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	3546	
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	3546	
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	3546	
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	3546	
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	3546	
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	3546	
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	3546	
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	3546	
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	3546	
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	3546	
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	3546	
MB 480-779822/1-A	Method Blank	Total/NA	Solid	3546	
LCS 480-779822/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 779900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	EPA 8270E	779822
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	EPA 8270E	779822
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	EPA 8270E	779822
MB 480-779822/1-A	Method Blank	Total/NA	Solid	EPA 8270E	779822
LCS 480-779822/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	779822

Analysis Batch: 779904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	EPA 8270E	779822
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	EPA 8270E	779822
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	EPA 8270E	779822
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	EPA 8270E	779822
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	EPA 8270E	779822
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	EPA 8270E	779822

GC/MS Semi VOA (Continued)

Analysis Batch: 779904 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	EPA 8270E	779822
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	EPA 8270E	779822
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	EPA 8270E	779822
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	EPA 8270E	779822
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	EPA 8270E	779822
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	EPA 8270E	779822
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	EPA 8270E	779822
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	EPA 8270E	779822
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	EPA 8270E	779822
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	EPA 8270E	779822

GC Semi VOA

Prep Batch: 779888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	3546	
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	3546	
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	3546	
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	3546	
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	3546	
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	3546	
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	3546	
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	3546	
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	3546	
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	3546	
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	3546	
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	3546	
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	3546	
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	3546	
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	3546	
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	3546	
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	3546	
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	3546	
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	3546	
MB 480-779888/1-A	Method Blank	Total/NA	Solid	3546	
LCS 480-779888/2-A	Lab Control Sample	Total/NA	Solid	3546	
480-240063-2 MS	RI-BH-4 1-3'	Total/NA	Solid	3546	
480-240063-2 MSD	RI-BH-4 1-3'	Total/NA	Solid	3546	

Prep Batch: 779892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	3550C	
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	3550C	
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	3550C	
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	3550C	
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	3550C	
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	3550C	
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	3550C	
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	3550C	
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	3550C	
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 779892 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	3550C	
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	3550C	
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	3550C	
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	3550C	
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	3550C	
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	3550C	
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	3550C	
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	3550C	
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	3550C	
MB 480-779892/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-779892/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-240063-2 MS	RI-BH-4 1-3'	Total/NA	Solid	3550C	
480-240063-2 MSD	RI-BH-4 1-3'	Total/NA	Solid	3550C	

Analysis Batch: 779915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	8082A	779892
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	8082A	779892
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	8082A	779892
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	8082A	779892
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	8082A	779892
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	8082A	779892
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	8082A	779892
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	8082A	779892
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	8082A	779892
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	8082A	779892
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	8082A	779892
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	8082A	779892
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	8082A	779892
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	8082A	779892
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	8082A	779892
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	8082A	779892
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	8082A	779892
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	8082A	779892
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	8082A	779892
MB 480-779892/1-A	Method Blank	Total/NA	Solid	8082A	779892
LCS 480-779892/2-A	Lab Control Sample	Total/NA	Solid	8082A	779892
480-240063-2 MS	RI-BH-4 1-3'	Total/NA	Solid	8082A	779892
480-240063-2 MSD	RI-BH-4 1-3'	Total/NA	Solid	8082A	779892

Analysis Batch: 780041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	8081B	779888
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	8081B	779888
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	8081B	779888
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	8081B	779888
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	8081B	779888
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	8081B	779888
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	8081B	779888
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	8081B	779888
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	8081B	779888

GC Semi VOA (Continued)

Analysis Batch: 780041 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	8081B	779888
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	8081B	779888
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	8081B	779888
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	8081B	779888
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	8081B	779888
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	8081B	779888
MB 480-779888/1-A	Method Blank	Total/NA	Solid	8081B	779888
LCS 480-779888/2-A	Lab Control Sample	Total/NA	Solid	8081B	779888
480-240063-2 MS	RI-BH-4 1-3'	Total/NA	Solid	8081B	779888
480-240063-2 MSD	RI-BH-4 1-3'	Total/NA	Solid	8081B	779888

Analysis Batch: 780122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	8081B	779888
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	8081B	779888
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	8081B	779888
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	8081B	779888

LCMS

Prep Batch: 848843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	1633A	
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	1633A	
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	1633A	
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	1633A	
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	1633A	
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	1633A	
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	1633A	
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	1633A	
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	1633A	
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	1633A	
MB 410-848843/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-848843/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-848843/3-A	Lab Control Sample	Total/NA	Solid	1633A	
480-240063-10 MS	RI-BH-8 1-3'	Total/NA	Solid	1633A	
480-240063-10 MSD	RI-BH-8 1-3'	Total/NA	Solid	1633A	

Analysis Batch: 849742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	1633A	848843
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	1633A	848843
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	1633A	848843
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	1633A	848843
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	1633A	848843
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	1633A	848843
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	1633A	848843
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	1633A	848843
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	1633A	848843
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	1633A	848843
MB 410-848843/1-A	Method Blank	Total/NA	Solid	1633A	848843

LCMS (Continued)

Analysis Batch: 849742 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-848843/2-A	Lab Control Sample	Total/NA	Solid	1633A	848843
LLCS 410-848843/3-A	Lab Control Sample	Total/NA	Solid	1633A	848843
480-240063-10 MS	RI-BH-8 1-3'	Total/NA	Solid	1633A	848843
480-240063-10 MSD	RI-BH-8 1-3'	Total/NA	Solid	1633A	848843

Prep Batch: 851001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	1633A	
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	1633A	
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	1633A	
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	1633A	
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	1633A	
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	1633A	
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	1633A	
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	1633A	
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	1633A	
MB 410-851001/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-851001/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-851001/3-A	Lab Control Sample	Total/NA	Solid	1633A	
480-240063-19 MS	RI-BH-7 4-6'	Total/NA	Solid	1633A	
480-240063-19 MSD	RI-BH-7 4-6'	Total/NA	Solid	1633A	

Analysis Batch: 853419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	1633A	851001
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	1633A	851001
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	1633A	851001
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	1633A	851001
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	1633A	851001
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	1633A	851001
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	1633A	851001
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	1633A	851001
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	1633A	851001
MB 410-851001/1-A	Method Blank	Total/NA	Solid	1633A	851001
LCS 410-851001/2-A	Lab Control Sample	Total/NA	Solid	1633A	851001
LLCS 410-851001/3-A	Lab Control Sample	Total/NA	Solid	1633A	851001
480-240063-19 MS	RI-BH-7 4-6'	Total/NA	Solid	1633A	851001
480-240063-19 MSD	RI-BH-7 4-6'	Total/NA	Solid	1633A	851001

Metals

Prep Batch: 779834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	3050B	
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	3050B	
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	3050B	
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	3050B	
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	3050B	
MB 480-779834/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-779834/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Metals

Prep Batch: 779835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	3050B	
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	3050B	
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	3050B	
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	3050B	
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	3050B	
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	3050B	
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	3050B	
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	3050B	
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	3050B	
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	3050B	
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	3050B	
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	3050B	
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	3050B	
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	3050B	
MB 480-779835/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-779835/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-240063-10 MS	RI-BH-8 1-3'	Total/NA	Solid	3050B	
480-240063-10 MSD	RI-BH-8 1-3'	Total/NA	Solid	3050B	

Analysis Batch: 779976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	6010D	779834
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	6010D	779834
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	6010D	779834
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	6010D	779834
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	6010D	779834
MB 480-779834/1-A	Method Blank	Total/NA	Solid	6010D	779834
LCSSRM 480-779834/2-A	Lab Control Sample	Total/NA	Solid	6010D	779834

Analysis Batch: 780000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	6010D	779835
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	6010D	779835
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	6010D	779835
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	6010D	779835
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	6010D	779835
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	6010D	779835
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	6010D	779835
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	6010D	779835
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	6010D	779835
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	6010D	779835
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	6010D	779835
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	6010D	779835
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	6010D	779835
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	6010D	779835
MB 480-779835/1-A	Method Blank	Total/NA	Solid	6010D	779835
LCSSRM 480-779835/2-A	Lab Control Sample	Total/NA	Solid	6010D	779835
480-240063-10 MS	RI-BH-8 1-3'	Total/NA	Solid	6010D	779835
480-240063-10 MSD	RI-BH-8 1-3'	Total/NA	Solid	6010D	779835

Metals

Analysis Batch: 780050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	6010D	779834
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	6010D	779834

Analysis Batch: 780055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	6010D	779835

Prep Batch: 780152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	7471B	
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	7471B	
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	7471B	
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	7471B	
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	7471B	
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	7471B	
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	7471B	
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	7471B	
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	7471B	
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	7471B	
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	7471B	
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	7471B	
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	7471B	
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	7471B	
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	7471B	
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	7471B	
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	7471B	
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	7471B	
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	7471B	
MB 480-780152/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-780152/2-A	Lab Control Sample	Total/NA	Solid	7471B	
480-240063-3 MS	RI-BH-9 1-3'	Total/NA	Solid	7471B	
480-240063-3 MSD	RI-BH-9 1-3'	Total/NA	Solid	7471B	

Analysis Batch: 780212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	7471B	780152
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	7471B	780152
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	7471B	780152
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	7471B	780152
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	7471B	780152
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	7471B	780152
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	7471B	780152
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	7471B	780152
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	7471B	780152
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	7471B	780152
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	7471B	780152
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	7471B	780152
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	7471B	780152
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	7471B	780152
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	7471B	780152
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	7471B	780152

Metals (Continued)

Analysis Batch: 780212 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	7471B	780152
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	7471B	780152
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	7471B	780152
MB 480-780152/1-A	Method Blank	Total/NA	Solid	7471B	780152
LCSSRM 480-780152/2-A	Lab Control Sample	Total/NA	Solid	7471B	780152
480-240063-3 MS	RI-BH-9 1-3'	Total/NA	Solid	7471B	780152
480-240063-3 MSD	RI-BH-9 1-3'	Total/NA	Solid	7471B	780152

General Chemistry

Analysis Batch: 779840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	Moisture	
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	Moisture	
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	Moisture	
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	Moisture	
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	Moisture	
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	Moisture	
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	Moisture	
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	Moisture	
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	Moisture	
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	Moisture	
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	Moisture	
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	Moisture	
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	Moisture	
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	Moisture	
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	Moisture	
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	Moisture	
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	Moisture	
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	Moisture	
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	Moisture	

Prep Batch: 780075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	9012B	
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	9012B	
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	9012B	
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	9012B	
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	9012B	
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	9012B	
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	9012B	
MB 480-780075/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 480-780075/3-A	Lab Control Sample	Total/NA	Solid	9012B	
LCS 480-780075/4-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSSRM 480-780075/2-A	Lab Control Sample	Total/NA	Solid	9012B	
480-240063-7 MS	RI-BH-1 8-10'	Total/NA	Solid	9012B	

Analysis Batch: 780084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-1	RI-BH-3 1-3'	Total/NA	Solid	9012B	780075
480-240063-2	RI-BH-4 1-3'	Total/NA	Solid	9012B	780075

General Chemistry (Continued)

Analysis Batch: 780084 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-3	RI-BH-9 1-3'	Total/NA	Solid	9012B	780075
480-240063-4	RI-BH-10 1-3'	Total/NA	Solid	9012B	780075
480-240063-5	RI-BH-11 1-3'	Total/NA	Solid	9012B	780075
480-240063-6	RI-BH-1 1-3'	Total/NA	Solid	9012B	780075
480-240063-7	RI-BH-1 8-10'	Total/NA	Solid	9012B	780075
MB 480-780075/1-A	Method Blank	Total/NA	Solid	9012B	780075
LCS 480-780075/3-A	Lab Control Sample	Total/NA	Solid	9012B	780075
LCS 480-780075/4-A	Lab Control Sample	Total/NA	Solid	9012B	780075
LCSSRM 480-780075/2-A	Lab Control Sample	Total/NA	Solid	9012B	780075
480-240063-7 MS	RI-BH-1 8-10'	Total/NA	Solid	9012B	780075

Prep Batch: 780416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	9012B	
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	9012B	
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	9012B	
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	9012B	
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	9012B	
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	9012B	
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	9012B	
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	9012B	
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	9012B	
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	9012B	
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	9012B	
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	9012B	
MB 480-780416/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 480-780416/3-A	Lab Control Sample	Total/NA	Solid	9012B	
LCS 480-780416/4-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSSRM 480-780416/2-A	Lab Control Sample	Total/NA	Solid	9012B	
480-240063-8 MS	RI-BH-2 1-3'	Total/NA	Solid	9012B	
480-240063-8 DU	RI-BH-2 1-3'	Total/NA	Solid	9012B	

Analysis Batch: 780435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-8	RI-BH-2 1-3'	Total/NA	Solid	9012B	780416
480-240063-9	RI-BH-2 8-10	Total/NA	Solid	9012B	780416
480-240063-10	RI-BH-8 1-3'	Total/NA	Solid	9012B	780416
480-240063-11	RI-BH-8 8-10'	Total/NA	Solid	9012B	780416
480-240063-12	RI-BH-12 1-3'	Total/NA	Solid	9012B	780416
480-240063-13	RI-BH-12 8-10	Total/NA	Solid	9012B	780416
480-240063-14	RI-BH-5 1-3'	Total/NA	Solid	9012B	780416
480-240063-15	RI-BH-5 4-6'	Total/NA	Solid	9012B	780416
480-240063-16	RI-BH-6 1-3'	Total/NA	Solid	9012B	780416
480-240063-17	RI-BH-6 4-6'	Total/NA	Solid	9012B	780416
480-240063-18	RI-BH-7 1-3'	Total/NA	Solid	9012B	780416
480-240063-19	RI-BH-7 4-6'	Total/NA	Solid	9012B	780416
MB 480-780416/1-A	Method Blank	Total/NA	Solid	9012B	780416
LCS 480-780416/3-A	Lab Control Sample	Total/NA	Solid	9012B	780416
LCS 480-780416/4-A	Lab Control Sample	Total/NA	Solid	9012B	780416
LCSSRM 480-780416/2-A	Lab Control Sample	Total/NA	Solid	9012B	780416
480-240063-8 MS	RI-BH-2 1-3'	Total/NA	Solid	9012B	780416

General Chemistry (Continued)

Analysis Batch: 780435 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240063-8 DU	RI-BH-2 1-3'	Total/NA	Solid	9012B	780416

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1
Date Collected: 07/01/26 12:45
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1
Date Collected: 07/01/26 12:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 01:16
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779900	JMM	EET BUF	07/06/26 19:58
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		1	780041	JLS	EET BUF	07/07/26 16:03
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 13:35
Total/NA	Prep	1633A			848843	VDC4	ELLE	07/09/26 14:19
Total/NA	Analysis	1633A		1	849742	P7EB	ELLE	07/11/26 12:48
Total/NA	Prep	3050B			779834	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	779976	MP	EET BUF	07/06/26 16:45
Total/NA	Prep	3050B			779834	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		5	780050	MP	EET BUF	07/07/26 11:51
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 13:58
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:35

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2
Date Collected: 07/01/26 12:15
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2
Date Collected: 07/01/26 12:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 01:39
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779900	JMM	EET BUF	07/06/26 20:22
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		1	780041	JLS	EET BUF	07/07/26 15:44

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2
Date Collected: 07/01/26 12:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 13:16
Total/NA	Prep	1633A			848843	VDC4	ELLE	07/09/26 14:19
Total/NA	Analysis	1633A		1	849742	P7EB	ELLE	07/11/26 13:01
Total/NA	Prep	3050B			779834	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	779976	MP	EET BUF	07/06/26 16:47
Total/NA	Prep	3050B			779834	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		5	780050	MP	EET BUF	07/07/26 11:53
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:00
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:36

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3
Date Collected: 07/01/26 11:30
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3
Date Collected: 07/01/26 11:30
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 02:01
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779900	JMM	EET BUF	07/06/26 20:46
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		1	780041	JLS	EET BUF	07/07/26 16:23
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 13:53
Total/NA	Prep	1633A			848843	VDC4	ELLE	07/09/26 14:19
Total/NA	Analysis	1633A		1	849742	P7EB	ELLE	07/11/26 13:15
Total/NA	Prep	3050B			779834	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	779976	MP	EET BUF	07/06/26 16:49
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:03
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:38

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-10 1-3'
Lab Sample ID: 480-240063-4
Date Collected: 07/01/26 11:00
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-10 1-3'
Lab Sample ID: 480-240063-4
Date Collected: 07/01/26 11:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 02:24
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		5	779904	AF	EET BUF	07/07/26 02:24
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		20	780041	JLS	EET BUF	07/07/26 16:43
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 14:12
Total/NA	Prep	1633A			848843	VDC4	ELLE	07/09/26 14:19
Total/NA	Analysis	1633A		1	849742	P7EB	ELLE	07/11/26 13:28
Total/NA	Prep	3050B			779834	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	779976	MP	EET BUF	07/06/26 16:50
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:13
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:39

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5
Date Collected: 07/01/26 11:15
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5
Date Collected: 07/01/26 11:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 02:46
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 02:48
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		1	780041	JLS	EET BUF	07/07/26 17:02
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 14:30

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5
Date Collected: 07/01/26 11:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			848843	VDC4	ELLE	07/09/26 14:19
Total/NA	Analysis	1633A		1	849742	P7EB	ELLE	07/11/26 13:42
Total/NA	Prep	3050B			779834	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	779976	MP	EET BUF	07/06/26 16:52
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:15
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:39

Client Sample ID: RI-BH-1 1-3'
Lab Sample ID: 480-240063-6
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-1 1-3'
Lab Sample ID: 480-240063-6
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 70.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 03:09
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 03:12
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		1	780041	JLS	EET BUF	07/07/26 17:22
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 14:49
Total/NA	Prep	1633A			848843	VDC4	ELLE	07/09/26 14:19
Total/NA	Analysis	1633A		1	849742	P7EB	ELLE	07/11/26 13:56
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:13
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:25
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:39

Client Sample ID: RI-BH-1 8-10'
Lab Sample ID: 480-240063-7
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-1 8-10'
Lab Sample ID: 480-240063-7
Date Collected: 07/01/26 13:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 03:31
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 03:36
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		1	780041	JLS	EET BUF	07/07/26 17:41
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 15:07
Total/NA	Prep	1633A			848843	VDC4	ELLE	07/09/26 14:19
Total/NA	Analysis	1633A		1	849742	P7EB	ELLE	07/11/26 14:09
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:15
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:28
Total/NA	Prep	9012B			780075	AM	EET BUF	07/07/26 13:40
Total/NA	Analysis	9012B		1	780084	AM	EET BUF	07/07/26 16:43

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 03:54
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 04:00
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		20	780041	JLS	EET BUF	07/07/26 18:01
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 15:26
Total/NA	Prep	1633A			848843	VDC4	ELLE	07/09/26 14:19
Total/NA	Analysis	1633A		1	849742	P7EB	ELLE	07/11/26 14:23
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:17
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:31
Total/NA	Prep	9012B			780416	AM	EET BUF	07/09/26 14:02
Total/NA	Analysis	9012B		1	780435	AM	EET BUF	07/10/26 14:52

Client Sample ID: RI-BH-2 8-10
Lab Sample ID: 480-240063-9
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-2 8-10
Lab Sample ID: 480-240063-9
Date Collected: 07/01/26 12:40
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 04:16
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 04:24
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		1	780041	JLS	EET BUF	07/07/26 18:21
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 15:44
Total/NA	Prep	1633A			848843	VDC4	ELLE	07/09/26 14:19
Total/NA	Analysis	1633A		1	849742	P7EB	ELLE	07/11/26 15:03
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:19
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:33
Total/NA	Prep	9012B			780416	AM	EET BUF	07/09/26 14:02
Total/NA	Analysis	9012B		1	780435	AM	EET BUF	07/10/26 14:55

Client Sample ID: RI-BH-8 1-3'
Lab Sample ID: 480-240063-10
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-8 1-3'
Lab Sample ID: 480-240063-10
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 04:39
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 04:48
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		1	780041	JLS	EET BUF	07/07/26 18:40
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 16:03

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-8 1-3'
Lab Sample ID: 480-240063-10
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			848843	VDC4	ELLE	07/09/26 14:19
Total/NA	Analysis	1633A		1	849742	P7EB	ELLE	07/11/26 15:17
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:21
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		5	780212	BMB	EET BUF	07/08/26 17:09
Total/NA	Prep	9012B			780416	AM	EET BUF	07/09/26 14:02
Total/NA	Analysis	9012B		1	780435	AM	EET BUF	07/10/26 14:56

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11
Date Collected: 07/01/26 10:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 05:02
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 05:11
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		1	780041	JLS	EET BUF	07/07/26 19:00
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 16:21
Total/NA	Prep	1633A			851001	RZZ4	ELLE	07/14/26 07:54
Total/NA	Analysis	1633A		1	853419	XBL5	ELLE	07/18/26 14:26
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:36
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:40
Total/NA	Prep	9012B			780416	AM	EET BUF	07/09/26 14:02
Total/NA	Analysis	9012B		1	780435	AM	EET BUF	07/10/26 14:59

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 05:25
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		5	779904	AF	EET BUF	07/07/26 05:35
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		5	780041	JLS	EET BUF	07/07/26 19:20
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 16:40
Total/NA	Prep	1633A			851001	RZZ4	ELLE	07/14/26 07:54
Total/NA	Analysis	1633A		1	853419	XBL5	ELLE	07/18/26 14:40
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:38
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:43
Total/NA	Prep	9012B			780416	AM	EET BUF	07/09/26 14:02
Total/NA	Analysis	9012B		1	780435	AM	EET BUF	07/10/26 14:59

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13
Date Collected: 07/01/26 10:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779979	CDC	EET BUF	07/06/26 18:24
Total/NA	Analysis	EPA 8260D		1	779985	CDC	EET BUF	07/07/26 05:47
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 05:59
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		1	780041	JLS	EET BUF	07/07/26 19:39
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 16:58
Total/NA	Prep	1633A			851001	RZZ4	ELLE	07/14/26 07:54
Total/NA	Analysis	1633A		1	853419	XBL5	ELLE	07/18/26 14:54
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:40
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:45
Total/NA	Prep	9012B			780416	AM	EET BUF	07/09/26 14:02
Total/NA	Analysis	9012B		1	780435	AM	EET BUF	07/10/26 15:00

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/06/26 22:39
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		10	779904	AF	EET BUF	07/07/26 06:23
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		20	780041	JLS	EET BUF	07/07/26 19:59
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 17:17
Total/NA	Prep	1633A			851001	RZZ4	ELLE	07/14/26 07:54
Total/NA	Analysis	1633A		1	853419	XBL5	ELLE	07/18/26 15:07
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:42
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:48
Total/NA	Prep	9012B			780416	AM	EET BUF	07/09/26 14:02
Total/NA	Analysis	9012B		1	780435	AM	EET BUF	07/10/26 15:00

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/06/26 23:02
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 06:47
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		1	780041	JLS	EET BUF	07/07/26 20:18
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 17:35

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15
Date Collected: 07/01/26 08:45
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			851001	RZZ4	ELLE	07/14/26 07:54
Total/NA	Analysis	1633A		1	853419	XBL5	ELLE	07/18/26 15:21
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:44
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 14:50
Total/NA	Prep	9012B			780416	AM	EET BUF	07/09/26 14:02
Total/NA	Analysis	9012B		1	780435	AM	EET BUF	07/10/26 15:02

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16
Date Collected: 07/01/26 09:00
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16
Date Collected: 07/01/26 09:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/06/26 23:27
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		10	779904	AF	EET BUF	07/07/26 07:11
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		5	780122	JLS	EET BUF	07/08/26 10:09
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 17:54
Total/NA	Prep	1633A			851001	RZZ4	ELLE	07/14/26 07:54
Total/NA	Analysis	1633A		1	853419	XBL5	ELLE	07/18/26 15:34
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:46
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		5	780055	MP	EET BUF	07/07/26 12:15
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 15:00
Total/NA	Prep	9012B			780416	AM	EET BUF	07/09/26 14:02
Total/NA	Analysis	9012B		1	780435	AM	EET BUF	07/10/26 15:03

Client Sample ID: RI-BH-6 4-6'
Lab Sample ID: 480-240063-17
Date Collected: 07/01/26 09:15
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-6 4-6'
Lab Sample ID: 480-240063-17
Date Collected: 07/01/26 09:15
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/06/26 23:50
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		1	779904	AF	EET BUF	07/07/26 07:35
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		1	780122	JLS	EET BUF	07/08/26 10:29
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 18:49
Total/NA	Prep	1633A			851001	RZZ4	ELLE	07/14/26 07:54
Total/NA	Analysis	1633A		1	853419	XBL5	ELLE	07/18/26 15:48
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:48
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 15:03
Total/NA	Prep	9012B			780416	AM	EET BUF	07/09/26 14:02
Total/NA	Analysis	9012B		1	780435	AM	EET BUF	07/10/26 15:03

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/07/26 00:14
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		5	779904	AF	EET BUF	07/07/26 07:59
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		20	780122	JLS	EET BUF	07/08/26 10:48
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 19:08

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			851001	RZZ4	ELLE	07/14/26 07:54
Total/NA	Analysis	1633A		1	853419	XBL5	ELLE	07/18/26 16:01
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:50
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 15:06
Total/NA	Prep	9012B			780416	AM	EET BUF	07/09/26 14:02
Total/NA	Analysis	9012B		1	780435	AM	EET BUF	07/10/26 15:04

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779840	JMM	EET BUF	07/02/26 15:23

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19
Date Collected: 07/01/26 12:00
Matrix: Solid
Date Received: 07/01/26 16:00
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/07/26 00:38
Total/NA	Prep	3546			779822	LSC	EET BUF	07/02/26 13:17
Total/NA	Analysis	EPA 8270E		5	779904	AF	EET BUF	07/07/26 08:23
Total/NA	Prep	3546			779888	VXF	EET BUF	07/06/26 06:47
Total/NA	Analysis	8081B		10	780122	JLS	EET BUF	07/08/26 11:08
Total/NA	Prep	3550C			779892	SMP	EET BUF	07/06/26 07:04
Total/NA	Analysis	8082A		1	779915	H9RU	EET BUF	07/06/26 19:26
Total/NA	Prep	1633A			851001	RZZ4	ELLE	07/14/26 07:54
Total/NA	Analysis	1633A		1	853419	XBL5	ELLE	07/18/26 16:15
Total/NA	Prep	3050B			779835	EMO	EET BUF	07/02/26 16:16
Total/NA	Analysis	6010D		1	780000	BMB	EET BUF	07/06/26 17:52
Total/NA	Prep	7471B			780152	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 15:08
Total/NA	Prep	9012B			780416	AM	EET BUF	07/09/26 14:02
Total/NA	Analysis	9012B		1	780435	AM	EET BUF	07/10/26 15:04

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-27

The following analytes are included in this report, but the laboratory is not certified by New York NELAP 10026. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-27

Method Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	EET BUF
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6010D	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
9012B	Cyanide, Total andor Amenable	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET BUF
3546	Microwave Extraction	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-240063-1	RI-BH-3 1-3'	Solid	07/01/26 12:45	07/01/26 16:00	New York
480-240063-2	RI-BH-4 1-3'	Solid	07/01/26 12:15	07/01/26 16:00	New York
480-240063-3	RI-BH-9 1-3'	Solid	07/01/26 11:30	07/01/26 16:00	New York
480-240063-4	RI-BH-10 1-3'	Solid	07/01/26 11:00	07/01/26 16:00	New York
480-240063-5	RI-BH-11 1-3'	Solid	07/01/26 11:15	07/01/26 16:00	New York
480-240063-6	RI-BH-1 1-3'	Solid	07/01/26 13:00	07/01/26 16:00	New York
480-240063-7	RI-BH-1 8-10'	Solid	07/01/26 13:00	07/01/26 16:00	New York
480-240063-8	RI-BH-2 1-3'	Solid	07/01/26 12:40	07/01/26 16:00	New York
480-240063-9	RI-BH-2 8-10	Solid	07/01/26 12:40	07/01/26 16:00	New York
480-240063-10	RI-BH-8 1-3'	Solid	07/01/26 10:45	07/01/26 16:00	New York
480-240063-11	RI-BH-8 8-10'	Solid	07/01/26 10:45	07/01/26 16:00	New York
480-240063-12	RI-BH-12 1-3'	Solid	07/01/26 10:00	07/01/26 16:00	New York
480-240063-13	RI-BH-12 8-10	Solid	07/01/26 10:00	07/01/26 16:00	New York
480-240063-14	RI-BH-5 1-3'	Solid	07/01/26 08:45	07/01/26 16:00	New York
480-240063-15	RI-BH-5 4-6'	Solid	07/01/26 08:45	07/01/26 16:00	New York
480-240063-16	RI-BH-6 1-3'	Solid	07/01/26 09:00	07/01/26 16:00	New York
480-240063-17	RI-BH-6 4-6'	Solid	07/01/26 09:15	07/01/26 16:00	New York
480-240063-18	RI-BH-7 1-3'	Solid	07/01/26 12:00	07/01/26 16:00	New York
480-240063-19	RI-BH-7 4-6'	Solid	07/01/26 12:00	07/01/26 16:00	New York

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214744-42931.5
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 5 of 5
Company: Brydges Engineering in Environment & Energy DPC	PWSID:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			Preservation Codes: N None
City: Buffalo	TAT Requested (days): 4 weeks			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI Soil	Project #: 48030331			
Site:	SSOW#:			Other:

480-240063 Chain of Custody

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	6010D, 7471B, 9012B	8081B, 8082A, 8270E	8260D TCL VOCs + TICs (ML Bulk)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
RI-BH-3 1-3	7/1/26	1245	G	Solid			X	X	X	X		
RI-BH 4 1-3'		1215		Solid								
RI BH-9 1-3		1130		Solid								
RI-BH-10 1-3'		1100		Solid								
RI-BH-11 1-3'		1115		Solid								
RI BH-1 1-3'		100		Solid								
RI-BH-1 8-10		00		Solid								
RI-BH-2 1-3'		1240		Solid								
RI-BH 2 8-10		1240		Solid								
RI-BH-8 1-3'		1045		Solid								
RI-BH-8 8-10		1045										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	William Goldsmith	7/1/26 4:00pm	BE3	VHS	7-1-26 1600	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 24.3, 22.9 IR#1 no ice

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214744-42931.3
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 3 of 5
Company: Brydges Engineering in Environment & Energy DPC	PWSID:	Analysis Requested		Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			Preservation Codes: N None
City: Buffalo	TAT Requested (days):			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI Soil	Project #: 48030331			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	6010D, 7471B, 9012B	8081B, 8082A, 8270E	8260D TCL VOCs + TICs (ML Bulk)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
RI-BH-12 1-3	7/1/26	1000	G	Solid			X	X	X	X		
RI-BH-12 9-10		1000		Solid								
RI-BH-5 1-3		845		Solid								
RI-BH-5 4-6		845		Solid								
RI-BH-6 1-3		900		Solid								
RI-BH-6 4-6		905		Solid								
RI BH-7 1-3		1200		Solid								
RI BH-7 4-6'		1200		Solid								
				Solid								
				Solid								
				Solid								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
William Reinhardt	7/1/26 4:00pm	BE3	See pg1		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

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7/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99347.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240063-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/15/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RI-BH-3 1-3' (480-240063-1)	7/1/26	12:45 Eastern	G	Solid			X	1	
RI-BH-4 1-3' (480-240063-2)	7/1/26	12:15 Eastern	G	Solid			X	1	
RI-BH-9 1-3' (480-240063-3)	7/1/26	11:30 Eastern	G	Solid			X	1	
RI-BH-10 1-3' (480-240063-4)	7/1/26	11:00 Eastern	G	Solid			X	1	
RI-BH-11 1-3' (480-240063-5)	7/1/26	11:15 Eastern	G	Solid			X	1	
RI-BH-1 1-3' (480-240063-6)	7/1/26	13:00 Eastern	G	Solid			X	1	
RI-BH-1 8-10' (480-240063-7)	7/1/26	13:00 Eastern	G	Solid			X	1	
RI-BH-2 1-3' (480-240063-8)	7/1/26	12:40 Eastern	G	Solid			X	1	
RI-BH-2 8-10 (480-240063-9)	7/1/26	12:40 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	VB	7-6-26 1600				
2						
3						

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☐ Yes ☐ No		R: 3.9 C: 4.4

AW

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99347.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240063-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/15/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RI-BH-8 1-3' (480-240063-10)	7/1/26	10:45 Eastern	G	Solid			X	1	
RI-BH-8 8-10' (480-240063-11)	7/1/26	10:45 Eastern	G	Solid			X	1	
RI-BH-12 1-3' (480-240063-12)	7/1/26	10:00 Eastern	G	Solid			X	1	
RI-BH-12 8-10 (480-240063-13)	7/1/26	10:00 Eastern	G	Solid			X	1	
RI-BH-5 1-3' (480-240063-14)	7/1/26	08:45 Eastern	G	Solid			X	1	
RI-BH-5 4-6' (480-240063-15)	7/1/26	08:45 Eastern	G	Solid			X	1	
RI-BH-6 1-3' (480-240063-16)	7/1/26	09:00 Eastern	G	Solid			X	1	
RI-BH-6 4-6' (480-240063-17)	7/1/26	09:15 Eastern	G	Solid			X	1	
RI-BH-7 1-3' (480-240063-18)	7/1/26	12:00 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested. I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Hazel Lyse	Date/Time: 7/7/26 1030	Company BUBJ

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 3.9 C: 4.4

AW

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99347.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 3 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240063-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/15/2026			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RI-BH-7 4-6' (480-240063-19)	7/1/26	12:00 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by: Floyd Lyons	Date/Time: 7/7/26 1030	Company EUET

Custody Seals Intact: X Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 3.9 C: 4.4

AW

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240063-1

Login Number: 240063
List Number: 1
Creator: Fuller Gustavel, Colm

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	IR#SC 1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	BE3
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240063-1

Login Number: 240063
List Number: 2
Creator: Williams, Aeric

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 07/07/26 01:30 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo, New York 14213

Generated 7/13/2026 4:14:30 PM

JOB DESCRIPTION

375 Michigan Remedial Investigation

JOB NUMBER

480-240098-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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7/13/2026 4:14:30 PM

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A- L low-level specifications.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
480-240098-1

Receipt
The samples were received on 7/2/2026 4:05 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 14.1º C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for preparation batch 480-779978 and analytical batch 480-779982 recovered outside control limits for the following analytes: 2-Butanone (MEK), Acetone and Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are: RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18)

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779982 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloropropane, 2-Butanone (MEK), Benzene, Carbon disulfide, Carbon tetrachloride, Chloromethane, Cyclohexane, cis-1,3-Dichloropropene, Bromodichloromethane, Dichlorodifluoromethane, Methylcyclohexane, Methylene Chloride, trans-1,2-Dichloroethene, Trichloroethene, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 480-780139 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are:RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18).

Method 8270E: The continuing calibration verification (CCV) associated with batch 480-780139 recovered above the upper control limit for 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenol, 4-Nitroaniline, 4-Nitrophenol and Atrazine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18).

Method 8270E: The following samples were diluted due to color, appearance, and viscosity: RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18). Elevated reporting limits (RL) are provided.

Method 8270E: The following samples required a dilution due to the nature of the sample matrix: RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: The following samples were diluted due to the nature of the sample matrix: RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method 8081B: The following samples were diluted due to the nature of the sample matrix: (480-240098-C-11-A MS) and (480-240098-C-11-B MSD). As such, spike and surrogate recoveries are below the calibration range, estimated and not

representative. Elevated reporting limits (RLs) are provided.

Method 8082A: For method 8082, the recovery of the one surrogate in samples RI-BH-1 0-2 (480-240098-15) exceeds quality control limits. The recovery of the secondary surrogate is within quality control criteria; no corrective action is required.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The continuing calibration blank (CCB) for analytical batch 480-780074 contained Manganese above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-780074 is outside the acceptance criteria for the following analytes: Silver, Arsenic, Cadmium, Cobalt, Copper, Potassium, Antimony, Selenium, Thallium. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3546: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17), RI-BH-12 0-2 (480-240098-18), (480-240098-C-11 MS) and (480-240098-C-11 MSD).

Method 3546: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18). The reporting limits (RLs) have been adjusted proportionately.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.1	J B vs	5.5	0.34	ug/Kg	1	☼	EPA 8260D	Total/NA
Anthracene	1000	J	1900	350	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[a]anthracene	3800		1900	260	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	3600		1900	330	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	5300		1900	260	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	2000		1900	330	ug/Kg	10	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	1800	J	1900	430	ug/Kg	10	☼	EPA 8270E	Total/NA
Bis(2-ethylhexyl) phthalate	730	J	1900	420	ug/Kg	10	☼	EPA 8270E	Total/NA
Carbazole	950	J	1900	380	ug/Kg	10	☼	EPA 8270E	Total/NA
Chrysene	4400		1900	460	ug/Kg	10	☼	EPA 8270E	Total/NA
Dibenz(a,h)anthracene	650	J	1900	390	ug/Kg	10	☼	EPA 8270E	Total/NA
Fluoranthene	9600		1900	350	ug/Kg	10	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	2000		1900	290	ug/Kg	10	☼	EPA 8270E	Total/NA
Phenanthrene	5100		1900	360	ug/Kg	10	☼	EPA 8270E	Total/NA
Pyrene	6700		1900	360	ug/Kg	10	☼	EPA 8270E	Total/NA
4,4'-DDT	19	J	73	17	ug/Kg	20	☼	8081B	Total/NA
alpha-BHC	13	J	73	13	ug/Kg	20	☼	8081B	Total/NA
delta-BHC	15	J	73	14	ug/Kg	20	☼	8081B	Total/NA
gamma-BHC (Lindane)	56	J	73	13	ug/Kg	20	☼	8081B	Total/NA
Methoxychlor	22	J	73	15	ug/Kg	20	☼	8081B	Total/NA
Perfluorobutanoic acid (PFBA)	0.20	J	0.39	0.098	ng/g	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.11	J	0.20	0.098	ng/g	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.11	J	0.20	0.098	ng/g	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.29		0.20	0.059	ng/g	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.14	J	0.20	0.098	ng/g	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.12	J	0.20	0.059	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.3		0.20	0.098	ng/g	1	☼	1633A	Total/NA
Perfluorodecanesulfonic acid (PFDS)	0.11	J	0.20	0.098	ng/g	1	☼	1633A	Total/NA
Aluminum	13100		11.6	10	mg/Kg	1	☼	6010D	Total/NA
Arsenic	6.0	^5+	2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	116		0.58	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.60		0.23	0.046	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.65	^5+	0.23	0.081	mg/Kg	1	☼	6010D	Total/NA
Calcium	49500		57.8	31.2	mg/Kg	1	☼	6010D	Total/NA
Chromium	19.7		0.58	0.42	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.2	^5+	0.58	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	31.6	^5+	1.2	0.66	mg/Kg	1	☼	6010D	Total/NA
Iron	15300		11.6	9.8	mg/Kg	1	☼	6010D	Total/NA
Lead	291		1.2	0.53	mg/Kg	1	☼	6010D	Total/NA
Magnesium	8980		23.1	9.8	mg/Kg	1	☼	6010D	Total/NA
Manganese	381	^2	1.2	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	15.0		5.8	0.29	mg/Kg	1	☼	6010D	Total/NA
Potassium	2790	^5+	34.7	28.0	mg/Kg	1	☼	6010D	Total/NA
Silver	0.80	^5-	0.69	0.23	mg/Kg	1	☼	6010D	Total/NA
Sodium	178		162	70.9	mg/Kg	1	☼	6010D	Total/NA
Vanadium	25.7		0.58	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	218		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.21		0.023	0.0052	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	2.5		1.1	0.54	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-4 0-2
Lab Sample ID: 480-240098-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.0	J B vs	5.2	0.32	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[b]fluoranthene	1900	J	10000	1300	ug/Kg	20	☼	EPA 8270E	Total/NA
Fluoranthene	2700	J	10000	1800	ug/Kg	20	☼	EPA 8270E	Total/NA
Perfluorobutanoic acid (PFBA)	0.24	J	0.40	0.10	ng/g	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.11	J	0.20	0.10	ng/g	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.11	J	0.20	0.060	ng/g	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.090	J	0.20	0.060	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.73		0.20	0.10	ng/g	1	☼	1633A	Total/NA
Aluminum	8860		10.6	9.1	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.9	^5+	2.1	0.93	mg/Kg	1	☼	6010D	Total/NA
Barium	60.9		0.53	0.15	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.46		0.21	0.042	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.22	^5+	0.21	0.074	mg/Kg	1	☼	6010D	Total/NA
Calcium	149000		265	143	mg/Kg	5	☼	6010D	Total/NA
Chromium	12.0		0.53	0.38	mg/Kg	1	☼	6010D	Total/NA
Cobalt	5.1	^5+	0.53	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	14.8	^5+	1.1	0.60	mg/Kg	1	☼	6010D	Total/NA
Iron	10800		10.6	9.0	mg/Kg	1	☼	6010D	Total/NA
Lead	70.8		1.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Magnesium	13300		21.2	9.0	mg/Kg	1	☼	6010D	Total/NA
Manganese	259	^2	1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Nickel	12.9		5.3	0.27	mg/Kg	1	☼	6010D	Total/NA
Potassium	2500	^5+	31.8	25.7	mg/Kg	1	☼	6010D	Total/NA
Silver	0.30	J ^5-	0.64	0.21	mg/Kg	1	☼	6010D	Total/NA
Sodium	164		148	65.0	mg/Kg	1	☼	6010D	Total/NA
Vanadium	20.1		0.53	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	81.0		2.1	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.11		0.022	0.0051	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	2.8		0.95	0.46	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.1	J B vs	5.5	0.34	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	2600	J	11000	1500	ug/Kg	20	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	2700	J	11000	1900	ug/Kg	20	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	3700	J	11000	1500	ug/Kg	20	☼	EPA 8270E	Total/NA
Chrysene	2700	J	11000	2600	ug/Kg	20	☼	EPA 8270E	Total/NA
Fluoranthene	6400	J	11000	2000	ug/Kg	20	☼	EPA 8270E	Total/NA
Phenanthrene	2600	J	11000	2100	ug/Kg	20	☼	EPA 8270E	Total/NA
Pyrene	3800	J	11000	2100	ug/Kg	20	☼	EPA 8270E	Total/NA
Perfluorobutanoic acid (PFBA)	0.29	J	0.39	0.098	ng/g	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.13	J	0.20	0.098	ng/g	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.12	J	0.20	0.098	ng/g	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.098	J	0.20	0.098	ng/g	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.22		0.20	0.059	ng/g	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.13	J	0.20	0.098	ng/g	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.12	J	0.20	0.059	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.53		0.20	0.098	ng/g	1	☼	1633A	Total/NA
Aluminum	14100		11.1	9.5	mg/Kg	1	☼	6010D	Total/NA
Arsenic	5.5	^5+	2.2	0.97	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-9 0-2 (Continued)
Lab Sample ID: 480-240098-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	108		0.55	0.15	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.89		0.22	0.044	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.39	^5+	0.22	0.077	mg/Kg	1	☼	6010D	Total/NA
Calcium	65800		55.3	29.9	mg/Kg	1	☼	6010D	Total/NA
Chromium	17.3		0.55	0.40	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.2	^5+	0.55	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	18.7	^5+	1.1	0.63	mg/Kg	1	☼	6010D	Total/NA
Iron	16300		11.1	9.4	mg/Kg	1	☼	6010D	Total/NA
Lead	130		1.1	0.51	mg/Kg	1	☼	6010D	Total/NA
Magnesium	17900		22.1	9.4	mg/Kg	1	☼	6010D	Total/NA
Manganese	523	^2	1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Nickel	14.7		5.5	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	3160	^5+	33.2	26.8	mg/Kg	1	☼	6010D	Total/NA
Silver	0.43	J ^5-	0.66	0.22	mg/Kg	1	☼	6010D	Total/NA
Sodium	212		155	67.9	mg/Kg	1	☼	6010D	Total/NA
Vanadium	26.0		0.55	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	129		2.2	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.14		0.021	0.0048	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	2.5		1.0	0.50	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.2	J B vs	5.9	0.37	ug/Kg	1	☼	EPA 8260D	Total/NA
Fluoranthene	2200	J	12000	2100	ug/Kg	20	☼	EPA 8270E	Total/NA
Perfluorobutanoic acid (PFBA)	0.37	J	0.40	0.099	ng/g	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.11	J	0.20	0.099	ng/g	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.10	J	0.20	0.099	ng/g	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.11	J	0.20	0.099	ng/g	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.15	J	0.20	0.060	ng/g	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.12	J	0.20	0.099	ng/g	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.11	J	0.20	0.060	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.34		0.20	0.099	ng/g	1	☼	1633A	Total/NA
Aluminum	16100		12.5	10.7	mg/Kg	1	☼	6010D	Total/NA
Arsenic	5.6	^5+	2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	110		0.62	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.71		0.25	0.050	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.34	^5+	0.25	0.087	mg/Kg	1	☼	6010D	Total/NA
Calcium	79200		62.3	33.6	mg/Kg	1	☼	6010D	Total/NA
Chromium	20.7		0.62	0.45	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.3	^5+	0.62	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	20.4	^5+	1.2	0.71	mg/Kg	1	☼	6010D	Total/NA
Iron	18600		12.5	10.6	mg/Kg	1	☼	6010D	Total/NA
Lead	148		1.2	0.57	mg/Kg	1	☼	6010D	Total/NA
Magnesium	10800		24.9	10.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	347	^2	1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Nickel	18.9		6.2	0.31	mg/Kg	1	☼	6010D	Total/NA
Potassium	4410	^5+	37.4	30.2	mg/Kg	1	☼	6010D	Total/NA
Silver	0.43	J ^5-	0.75	0.25	mg/Kg	1	☼	6010D	Total/NA
Sodium	217		174	76.4	mg/Kg	1	☼	6010D	Total/NA
Vanadium	30.9		0.62	0.16	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-10 0-2 (Continued)
Lab Sample ID: 480-240098-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	125		2.5	1.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.21		0.023	0.0054	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.1	J B vs	5.4	0.33	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[b]fluoranthene	1600	J	11000	1500	ug/Kg	20	☼	EPA 8270E	Total/NA
Fluoranthene	2600	J	11000	2000	ug/Kg	20	☼	EPA 8270E	Total/NA
Perfluorobutanoic acid (PFBA)	0.37	J	0.39	0.097	ng/g	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.18	J	0.19	0.097	ng/g	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.13	J	0.19	0.097	ng/g	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.12	J	0.19	0.097	ng/g	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.23		0.19	0.058	ng/g	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.16	J	0.19	0.097	ng/g	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.11	J	0.19	0.058	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.34		0.19	0.097	ng/g	1	☼	1633A	Total/NA
Aluminum	12900		11.0	9.5	mg/Kg	1	☼	6010D	Total/NA
Arsenic	5.6	^5+	2.2	0.97	mg/Kg	1	☼	6010D	Total/NA
Barium	106		0.55	0.15	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.59		0.22	0.044	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.42	^5+	0.22	0.077	mg/Kg	1	☼	6010D	Total/NA
Calcium	101000		275	148	mg/Kg	5	☼	6010D	Total/NA
Chromium	16.6		0.55	0.40	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.3	^5+	0.55	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	22.8	^5+	1.1	0.63	mg/Kg	1	☼	6010D	Total/NA
Iron	15400		11.0	9.3	mg/Kg	1	☼	6010D	Total/NA
Lead	234		1.1	0.51	mg/Kg	1	☼	6010D	Total/NA
Magnesium	15700		22.0	9.3	mg/Kg	1	☼	6010D	Total/NA
Manganese	325	^2	1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Nickel	15.4		5.5	0.27	mg/Kg	1	☼	6010D	Total/NA
Potassium	3550	^5+	33.0	26.6	mg/Kg	1	☼	6010D	Total/NA
Silver	0.38	J ^5-	0.66	0.22	mg/Kg	1	☼	6010D	Total/NA
Sodium	187		154	67.4	mg/Kg	1	☼	6010D	Total/NA
Vanadium	27.0		0.55	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	155		2.2	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.30		0.021	0.0048	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	1.5		1.0	0.50	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: RI-BH-1 0-2
Lab Sample ID: 480-240098-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.2	J B vs	5.8	0.36	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	570	J	1000	140	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	780	J	1000	170	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	1100		1000	130	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	510	J	1000	170	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	560	J	1000	220	ug/Kg	5	☼	EPA 8270E	Total/NA
Bis(2-ethylhexyl) phthalate	410	J	1000	220	ug/Kg	5	☼	EPA 8270E	Total/NA
Chrysene	810	J	1000	240	ug/Kg	5	☼	EPA 8270E	Total/NA
Fluoranthene	1500		1000	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	440	J	1000	150	ug/Kg	5	☼	EPA 8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-1 0-2 (Continued)
Lab Sample ID: 480-240098-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	600	J	1000	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Pyrene	1000		1000	190	ug/Kg	5	☼	EPA 8270E	Total/NA
4,4'-DDT	18	J	77	18	ug/Kg	20	☼	8081B	Total/NA
Methoxychlor	24	J	77	16	ug/Kg	20	☼	8081B	Total/NA
Perfluorobutanoic acid (PFBA)	0.33	J	0.38	0.096	ng/g	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.47		0.19	0.096	ng/g	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.33		0.19	0.096	ng/g	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.21		0.19	0.096	ng/g	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.71		0.19	0.057	ng/g	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.31		0.19	0.096	ng/g	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.39		0.19	0.057	ng/g	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.13	J	0.19	0.096	ng/g	1	☼	1633A	Total/NA
Perfluorododecanoic acid (PFDoA)	0.14	J	0.19	0.096	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.9		0.19	0.096	ng/g	1	☼	1633A	Total/NA
Aluminum	13700		11.5	9.9	mg/Kg	1	☼	6010D	Total/NA
Arsenic	4.7	^5+	2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	94.8		0.57	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.60		0.23	0.046	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.45	^5+	0.23	0.080	mg/Kg	1	☼	6010D	Total/NA
Calcium	18600		57.4	31.0	mg/Kg	1	☼	6010D	Total/NA
Chromium	18.2		0.57	0.41	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.0	^5+	0.57	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	20.4	^5+	1.1	0.65	mg/Kg	1	☼	6010D	Total/NA
Iron	16000		11.5	9.7	mg/Kg	1	☼	6010D	Total/NA
Lead	117		1.1	0.53	mg/Kg	1	☼	6010D	Total/NA
Magnesium	7590		23.0	9.7	mg/Kg	1	☼	6010D	Total/NA
Manganese	318	^2	1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	14.3		5.7	0.29	mg/Kg	1	☼	6010D	Total/NA
Potassium	2630	^5+	34.5	27.8	mg/Kg	1	☼	6010D	Total/NA
Silver	0.39	J ^5-	0.69	0.23	mg/Kg	1	☼	6010D	Total/NA
Sodium	175		161	70.4	mg/Kg	1	☼	6010D	Total/NA
Vanadium	26.0		0.57	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	197		2.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.13		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	3.1		1.0	0.50	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.2	J B vs	5.7	0.35	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	1200		980	130	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	1900		980	170	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	2700		980	130	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[g,h,i]perylene	1500		980	170	ug/Kg	5	☼	EPA 8270E	Total/NA
Benzo[k]fluoranthene	1500		980	220	ug/Kg	5	☼	EPA 8270E	Total/NA
Bis(2-ethylhexyl) phthalate	330	J	980	210	ug/Kg	5	☼	EPA 8270E	Total/NA
Carbazole	240	J	980	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Chrysene	1800		980	240	ug/Kg	5	☼	EPA 8270E	Total/NA
Dibenz(a,h)anthracene	350	J	980	200	ug/Kg	5	☼	EPA 8270E	Total/NA
Fluoranthene	2700		980	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1300		980	150	ug/Kg	5	☼	EPA 8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-2 0-2 (Continued)
Lab Sample ID: 480-240098-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	610	J	980	180	ug/Kg	5	☼	EPA 8270E	Total/NA
Pyrene	1800		980	190	ug/Kg	5	☼	EPA 8270E	Total/NA
Methoxychlor	36	J	77	16	ug/Kg	20	☼	8081B	Total/NA
Perfluorobutanoic acid (PFBA)	0.23	J F2	0.40	0.099	ng/g	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.18	J	0.20	0.099	ng/g	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.14	J	0.20	0.099	ng/g	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.29		0.20	0.059	ng/g	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.16	J	0.20	0.099	ng/g	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.17	J	0.20	0.059	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.66		0.20	0.099	ng/g	1	☼	1633A	Total/NA
Aluminum	13500		11.2	9.6	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.2	^5+	2.2	0.99	mg/Kg	1	☼	6010D	Total/NA
Barium	75.7		0.56	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.53		0.22	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.42	^5+	0.22	0.078	mg/Kg	1	☼	6010D	Total/NA
Calcium	17900		56.0	30.2	mg/Kg	1	☼	6010D	Total/NA
Chromium	16.2		0.56	0.40	mg/Kg	1	☼	6010D	Total/NA
Cobalt	6.7	^5+	0.56	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	16.5	^5+	1.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Iron	14900		11.2	9.5	mg/Kg	1	☼	6010D	Total/NA
Lead	28.1		1.1	0.51	mg/Kg	1	☼	6010D	Total/NA
Magnesium	7440		22.4	9.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	342	^2	1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Nickel	13.0		5.6	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	2260	^5+	33.6	27.1	mg/Kg	1	☼	6010D	Total/NA
Silver	0.31	J ^5-	0.67	0.22	mg/Kg	1	☼	6010D	Total/NA
Sodium	135	J	157	68.6	mg/Kg	1	☼	6010D	Total/NA
Vanadium	25.5		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	130		2.2	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.044		0.024	0.0056	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	3.1		1.1	0.56	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.0	J B vs	5.2	0.32	ug/Kg	1	☼	EPA 8260D	Total/NA
Toluene	0.69	J vs	5.2	0.40	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	2000	J	11000	1400	ug/Kg	20	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	2100	J	11000	1800	ug/Kg	20	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	2700	J	11000	1400	ug/Kg	20	☼	EPA 8270E	Total/NA
Fluoranthene	4100	J	11000	1900	ug/Kg	20	☼	EPA 8270E	Total/NA
Pyrene	3000	J	11000	2000	ug/Kg	20	☼	EPA 8270E	Total/NA
Perfluorobutanoic acid (PFBA)	0.24	J	0.40	0.099	ng/g	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.11	J	0.20	0.059	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.28		0.20	0.099	ng/g	1	☼	1633A	Total/NA
Aluminum	7150		11.3	9.7	mg/Kg	1	☼	6010D	Total/NA
Arsenic	4.0	^5+	2.3	0.99	mg/Kg	1	☼	6010D	Total/NA
Barium	57.6		0.56	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.41		0.23	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.30	^5+	0.23	0.079	mg/Kg	1	☼	6010D	Total/NA
Calcium	77100		56.3	30.4	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-8 0-2 (Continued)
Lab Sample ID: 480-240098-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	12.9		0.56	0.41	mg/Kg	1	☼	6010D	Total/NA
Cobalt	4.1	^5+	0.56	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	16.5	^5+	1.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Iron	10100		11.3	9.6	mg/Kg	1	☼	6010D	Total/NA
Lead	133		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Magnesium	13000		22.5	9.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	247	^2	1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Nickel	11.0		5.6	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	2090	^5+	33.8	27.3	mg/Kg	1	☼	6010D	Total/NA
Silver	0.33	J ^5-	0.68	0.23	mg/Kg	1	☼	6010D	Total/NA
Sodium	210		158	69.1	mg/Kg	1	☼	6010D	Total/NA
Vanadium	16.6		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	153		2.3	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.14		0.020	0.0047	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	1.7		1.0	0.49	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.0	J B vs	5.3	0.32	ug/Kg	1	☼	EPA 8260D	Total/NA
Benzo[a]anthracene	2000	J	11000	1500	ug/Kg	20	☼	EPA 8270E	Total/NA
Benzo[a]pyrene	2200	J	11000	1800	ug/Kg	20	☼	EPA 8270E	Total/NA
Benzo[b]fluoranthene	3200	J	11000	1400	ug/Kg	20	☼	EPA 8270E	Total/NA
Fluoranthene	4700	J	11000	1900	ug/Kg	20	☼	EPA 8270E	Total/NA
Pyrene	2800	J	11000	2000	ug/Kg	20	☼	EPA 8270E	Total/NA
Methoxychlor	35	J	170	34	ug/Kg	50	☼	8081B	Total/NA
Perfluorobutanoic acid (PFBA)	0.54		0.38	0.096	ng/g	1	☼	1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	0.11	J	0.19	0.096	ng/g	1	☼	1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	0.11	J	0.19	0.096	ng/g	1	☼	1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.11	J	0.19	0.096	ng/g	1	☼	1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.24		0.19	0.058	ng/g	1	☼	1633A	Total/NA
Perfluorononanoic acid (PFNA)	0.16	J	0.19	0.096	ng/g	1	☼	1633A	Total/NA
Perfluorodecanoic acid (PFDA)	0.17	J	0.19	0.058	ng/g	1	☼	1633A	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.19		0.19	0.096	ng/g	1	☼	1633A	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.78		0.19	0.096	ng/g	1	☼	1633A	Total/NA
Aluminum	11100		10.5	9.1	mg/Kg	1	☼	6010D	Total/NA
Arsenic	6.4	^5+	2.1	0.93	mg/Kg	1	☼	6010D	Total/NA
Barium	146		0.53	0.15	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.57		0.21	0.042	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.59	^5+	0.21	0.074	mg/Kg	1	☼	6010D	Total/NA
Calcium	67900		52.7	28.5	mg/Kg	1	☼	6010D	Total/NA
Chromium	18.5		0.53	0.38	mg/Kg	1	☼	6010D	Total/NA
Cobalt	5.8	^5+	0.53	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	26.3	^5+	1.1	0.60	mg/Kg	1	☼	6010D	Total/NA
Iron	13800		10.5	8.9	mg/Kg	1	☼	6010D	Total/NA
Lead	378		1.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Magnesium	15700		21.1	8.9	mg/Kg	1	☼	6010D	Total/NA
Manganese	334	^2	1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Nickel	14.5		5.3	0.26	mg/Kg	1	☼	6010D	Total/NA
Potassium	2560	^5+	31.6	25.6	mg/Kg	1	☼	6010D	Total/NA
Silver	0.42	J ^5-	0.63	0.21	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-BH-12 0-2 (Continued)

Lab Sample ID: 480-240098-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	230		148	64.7	mg/Kg	1	☼	6010D	Total/NA
Vanadium	24.5		0.53	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	242		2.1	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.44		0.020	0.0047	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	2.2		1.0	0.49	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10
Date Collected: 07/02/26 11:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 88.1

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.5	0.40	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,1,2,2-Tetrachloroethane	ND	vs	5.5	0.90	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.5	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,1,2-Trichloroethane	ND	vs	5.5	0.72	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,1-Dichloroethane	ND	vs	5.5	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,1-Dichloroethene	ND	vs	5.5	0.68	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,2,4-Trichlorobenzene	ND	vs	5.5	0.34	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.5	2.8	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,2-Dichlorobenzene	ND	vs	5.5	0.43	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,2-Dichloroethane	ND	vs	5.5	0.28	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,2-Dichloropropane	ND	vs	5.5	2.8	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,3-Dichlorobenzene	ND	vs	5.5	0.28	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,4-Dichlorobenzene	ND	vs	5.5	0.77	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
2-Butanone (MEK)	ND	*+ vs	28	2.0	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.8	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Acetone	ND	*+ vs	28	4.7	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Benzene	ND	vs	5.5	0.27	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Bromoform	ND	vs	5.5	2.8	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Bromomethane	ND	vs	5.5	0.50	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Carbon disulfide	ND	vs	5.5	2.8	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Carbon tetrachloride	ND	vs	5.5	0.54	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Chlorobenzene	ND	vs	5.5	0.73	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Dibromochloromethane	ND	vs	5.5	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Chloroethane	ND	vs	5.5	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Chloroform	**1.1**	**J B vs**	5.5	0.34	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Chloromethane	ND	*+ vs	5.5	0.33	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
cis-1,2-Dichloroethene	ND	vs	5.5	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Cyclohexane	ND	vs	5.5	0.77	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Bromodichloromethane	ND	vs	5.5	0.74	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Dichlorodifluoromethane	ND	vs	5.5	0.46	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Ethylbenzene	ND	vs	5.5	0.38	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
1,2-Dibromoethane	ND	vs	5.5	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Isopropylbenzene	ND	vs	5.5	0.83	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Methyl acetate	ND	vs	28	3.3	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Methyl tert-butyl ether	ND	vs	5.5	0.54	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Methylcyclohexane	ND	vs	5.5	0.84	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Methylene Chloride	ND	vs	5.5	2.5	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Tetrachloroethene	ND	vs	5.5	0.74	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Toluene	ND	vs	5.5	0.42	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
trans-1,2-Dichloroethene	ND	vs	5.5	0.57	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
trans-1,3-Dichloropropene	ND	vs	5.5	2.4	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Trichloroethene	ND	vs	5.5	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Trichlorofluoromethane	ND	vs	5.5	0.52	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Vinyl chloride	ND	vs	5.5	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Xylenes, Total	ND	vs	11	0.93	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
cis-1,3-Dichloropropene	ND	vs	5.5	0.80	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1
Styrene	ND	vs	5.5	0.28	ug/Kg	☼	07/06/26 18:21	07/07/26 01:02	1

Client Sample ID: RI-BH-3 0-2
Date Collected: 07/02/26 11:30
Date Received: 07/02/26 16:05

Lab Sample ID: 480-240098-10
Matrix: Solid
Percent Solids: 88.1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	07/06/26 18:21	07/07/26 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		64 - 126	07/06/26 18:21	07/07/26 01:02	1
4-Bromofluorobenzene (Surr)	106		72 - 126	07/06/26 18:21	07/07/26 01:02	1
Toluene-d8 (Surr)	85		71 - 125	07/06/26 18:21	07/07/26 01:02	1
Dibromofluoromethane (Surr)	108		60 - 140	07/06/26 18:21	07/07/26 01:02	1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1900	360	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
bis (2-chloroisopropyl) ether	ND		1900	390	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2,4,5-Trichlorophenol	ND		1900	390	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2,4,6-Trichlorophenol	ND		1900	290	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2,4-Dichlorophenol	ND		1900	370	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2,4-Dimethylphenol	ND		1900	400	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2,4-Dinitrophenol	ND		19000	360	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2,4-Dinitrotoluene	ND		1900	260	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2,6-Dinitrotoluene	ND		1900	270	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2-Chloronaphthalene	ND		1900	360	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
1,4-Dioxane	ND		1100	420	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2-Chlorophenol	ND		1900	300	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2-Methylphenol	ND		1900	310	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2-Methylnaphthalene	ND		1900	300	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2-Nitroaniline	ND		3700	320	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
2-Nitrophenol	ND		1900	220	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
3,3'-Dichlorobenzidine	ND		3700	560	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
3-Nitroaniline	ND		3700	270	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
4,6-Dinitro-2-methylphenol	ND		3700	420	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
4-Bromophenyl phenyl ether	ND		1900	320	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
4-Chloro-3-methylphenol	ND		1900	390	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
4-Chloroaniline	ND		1900	270	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
4-Chlorophenyl phenyl ether	ND		1900	400	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
4-Methylphenol	ND		3700	340	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
4-Nitroaniline	ND		3700	280	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
4-Nitrophenol	ND		3700	520	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Acenaphthene	ND		1900	360	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Acenaphthylene	ND		1900	370	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Acetophenone	ND		1900	340	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Anthracene	**1000**	**J**	1900	350	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Atrazine	ND		1900	650	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Benzaldehyde	ND		1900	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Benzo[a]anthracene	**3800**		1900	260	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Benzo[a]pyrene	**3600**		1900	330	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Benzo[b]fluoranthene	**5300**		1900	260	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Benzo[g,h,i]perylene	**2000**		1900	330	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Benzo[k]fluoranthene	**1800**	**J**	1900	430	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Bis(2-chloroethoxy)methane	ND		1900	370	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Bis(2-chloroethyl)ether	ND		1900	360	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Bis(2-ethylhexyl) phthalate	**730**	**J**	1900	420	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10
Date Collected: 07/02/26 11:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 88.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		1900	350	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Caprolactam	ND		1900	440	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Carbazole	**950**	**J**	1900	380	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Chrysene	**4400**		1900	460	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Dibenz(a,h)anthracene	**650**	**J**	1900	390	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Di-n-butyl phthalate	ND		1900	430	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Di-n-octyl phthalate	ND		1900	360	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Dibenzofuran	ND		1900	340	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Diethyl phthalate	ND		1900	340	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Dimethyl phthalate	ND		1900	370	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Fluoranthene	**9600**		1900	350	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Fluorene	ND		1900	350	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Hexachlorobenzene	ND		1900	370	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Hexachlorobutadiene	ND		1900	290	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Hexachlorocyclopentadiene	ND		3700	840	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Hexachloroethane	ND		1900	350	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Indeno[1,2,3-cd]pyrene	**2000**		1900	290	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Isophorone	ND		1900	390	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
N-Nitrosodi-n-propylamine	ND		1900	430	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
N-Nitrosodiphenylamine	ND		1900	320	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Naphthalene	ND		1900	320	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Nitrobenzene	ND		1900	320	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Pentachlorophenol	ND		3700	610	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Phenanthrene	**5100**		1900	360	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Phenol	ND		1900	350	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10
Pyrene	**6700**		1900	360	ug/Kg	☼	07/07/26 09:03	07/09/26 04:22	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*11000*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/07/26 09:03*	*07/09/26 04:22*	*10*
Oxirane, hexadecyl-	*5300*	*T J N*	*ug/Kg*	☼	*14.16*	*7390-81-0*	*07/07/26 09:03*	*07/09/26 04:22*	*10*
Cyclotetracosane	*9500*	*T J N*	*ug/Kg*	☼	*14.32*	*297-03-0*	*07/07/26 09:03*	*07/09/26 04:22*	*10*
Benzo[j]fluoranthene	*2800*	*T J N*	*ug/Kg*	☼	*14.44*	*205-82-3*	*07/07/26 09:03*	*07/09/26 04:22*	*10*
Octadecanal	*2700*	*T J N*	*ug/Kg*	☼	*14.68*	*638-66-4*	*07/07/26 09:03*	*07/09/26 04:22*	*10*
Octacosane	*2300*	*T J N*	*ug/Kg*	☼	*14.83*	*630-02-4*	*07/07/26 09:03*	*07/09/26 04:22*	*10*
Oxirane, heptadecyl-	*2200*	*T J N*	*ug/Kg*	☼	*15.30*	*67860-04-2*	*07/07/26 09:03*	*07/09/26 04:22*	*10*
.gamma.-Sitosterol	*2100*	*T J N*	*ug/Kg*	☼	*15.80*	*83-47-6*	*07/07/26 09:03*	*07/09/26 04:22*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*89*		*22 - 120*	*07/07/26 09:03*	*07/09/26 04:22*	*10*
Phenol-d5 (Surr)	*86*		*23 - 120*	*07/07/26 09:03*	*07/09/26 04:22*	*10*
p-Terphenyl-d14 (Surr)	*81*		*28 - 124*	*07/07/26 09:03*	*07/09/26 04:22*	*10*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 140*	*07/07/26 09:03*	*07/09/26 04:22*	*10*
2-Fluorobiphenyl (Surr)	*82*		*29 - 120*	*07/07/26 09:03*	*07/09/26 04:22*	*10*
2-Fluorophenol (Surr)	*85*		*18 - 120*	*07/07/26 09:03*	*07/09/26 04:22*	*10*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		73	14	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
4,4'-DDE	ND		73	15	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
4,4'-DDT	**19**	**J**	73	17	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10
Date Collected: 07/02/26 11:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 88.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	ND		73	13	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
cis-Chlordane	ND		73	36	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
alpha-BHC	**13**	**J**	73	13	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
Aldrin	ND		73	18	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
delta-BHC	**15**	**J**	73	14	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
Dieldrin	ND		73	18	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
Endosulfan I	ND		73	14	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
Endosulfan II	ND		73	13	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
Endosulfan sulfate	ND		73	14	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
Endrin	ND		73	15	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
Endrin aldehyde	ND		73	19	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
Endrin ketone	ND		73	18	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
gamma-BHC (Lindane)	**56**	**J**	73	13	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
trans-Chlordane	ND		73	23	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
Heptachlor	ND		73	16	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
Heptachlor epoxide	ND		73	19	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
Methoxychlor	**22**	**J**	73	15	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20
Toxaphene	ND		730	430	ug/Kg	☼	07/06/26 07:00	07/06/26 15:04	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*45 - 120*	*07/06/26 07:00*	*07/06/26 15:04*	*20*
DCB Decachlorobiphenyl	*520*	*S1+*	*45 - 120*	*07/06/26 07:00*	*07/06/26 15:04*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 15:04*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 15:04*	*20*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.050	mg/Kg	☼	07/07/26 06:51	07/07/26 20:35	1
PCB-1221	ND		0.26	0.050	mg/Kg	☼	07/07/26 06:51	07/07/26 20:35	1
PCB-1232	ND		0.26	0.050	mg/Kg	☼	07/07/26 06:51	07/07/26 20:35	1
PCB-1242	ND		0.26	0.050	mg/Kg	☼	07/07/26 06:51	07/07/26 20:35	1
PCB-1248	ND		0.26	0.050	mg/Kg	☼	07/07/26 06:51	07/07/26 20:35	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	07/07/26 06:51	07/07/26 20:35	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	07/07/26 06:51	07/07/26 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*60 - 154*	*07/07/26 06:51*	*07/07/26 20:35*	*1*
Tetrachloro-m-xylene	*92*		*60 - 154*	*07/07/26 06:51*	*07/07/26 20:35*	*1*
DCB Decachlorobiphenyl	*81*		*65 - 174*	*07/07/26 06:51*	*07/07/26 20:35*	*1*
DCB Decachlorobiphenyl	*84*		*65 - 174*	*07/07/26 06:51*	*07/07/26 20:35*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.20**	**J**	0.39	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluoropentanoic acid (PFPeA)	**0.11**	**J**	0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorohexanoic acid (PFHxA)	**0.11**	**J**	0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorooctanoic acid (PFOA)	**0.29**		0.20	0.059	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorononanoic acid (PFNA)	**0.14**	**J**	0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.20	0.059	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10
Date Collected: 07/02/26 11:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 88.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorooctanesulfonic acid (PFOS)	**1.3**		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorodecanesulfonic acid (PFDS)	**0.11**	**J**	0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10
Date Collected: 07/02/26 11:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 88.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/08/26 06:00	07/10/26 05:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*76.2*		*8 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C5 PFPeA	*69.5*		*35 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C5 PFHxA	*72.0*		*40 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C4 PFHpA	*73.9*		*40 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C8 PFOA	*80.9*		*40 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C9 PFNA	*84.3*		*40 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C6 PFDA	*81.5*		*40 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C7 PFUnA	*81.8*		*40 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C2 PFTeDA	*64.2*		*20 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C3 PFBS	*80.4*		*40 - 135*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C3 PFHxS	*78.6*		*40 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C8 PFOS	*70.6*		*40 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C8 FOSA	*83.6*		*40 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
d3-NMeFOSAA	*105*		*40 - 135*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
d5-NEtFOSAA	*135*		*40 - 150*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C2 4:2 FTS	*180*	*5+	*40 - 165*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C2 6:2 FTS	*150*		*40 - 215*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C2 8:2 FTS	*133*		*40 - 275*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C3 HFPO-DA	*73.1*		*40 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
d7-N-MeFOSE-M	*51.4*		*20 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
d9-N-EtFOSE-M	*31.1*		*15 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
d5-NEtPFOSA	*57.9*		*10 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
d3-NMePFOSA	*71.8*		*10 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C2 PFDoA	*70.6*		*40 - 130*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C3-PFDoS	*59.6*		*20 - 150*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C3-3:3 FTCA	*80.5*		*20 - 150*	*07/08/26 06:00*	*07/10/26 05:55*	*1*
13C3-5:3 FTCA	*71.8*		*20 - 150*	*07/08/26 06:00*	*07/10/26 05:55*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13100**		11.6	10	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Antimony	ND	^5+	17.3	0.61	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Arsenic	**6.0**	**^5+**	2.3	1.0	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Barium	**116**		0.58	0.16	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Beryllium	**0.60**		0.23	0.046	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Cadmium	**0.65**	**^5+**	0.23	0.081	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Calcium	**49500**		57.8	31.2	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Chromium	**19.7**		0.58	0.42	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Cobalt	**7.2**	**^5+**	0.58	0.12	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Copper	**31.6**	**^5+**	1.2	0.66	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Iron	**15300**		11.6	9.8	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Lead	**291**		1.2	0.53	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Magnesium	**8980**		23.1	9.8	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Manganese	**381**	**^2**	1.2	0.32	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Nickel	**15.0**		5.8	0.29	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1

Client Sample ID: RI-BH-3 0-2

Lab Sample ID: 480-240098-10
Date Collected: 07/02/26 11:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 88.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**2790**	**^5+**	34.7	28.0	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Selenium	ND	^5+	4.6	0.92	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Silver	**0.80**	**^5-**	0.69	0.23	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Sodium	**178**		162	70.9	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Thallium	ND	^5+	6.9	0.88	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Vanadium	**25.7**		0.58	0.15	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1
Zinc	**218**		2.3	1.2	mg/Kg	☼	07/06/26 16:06	07/07/26 14:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.21**		0.023	0.0052	mg/Kg	☼	07/08/26 11:56	07/08/26 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**2.5**		1.1	0.54	mg/Kg	☼	07/08/26 11:38	07/08/26 16:35	1

Client Sample ID: RI-BH-4 0-2

Lab Sample ID: 480-240098-11
Date Collected: 07/02/26 11:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.2	0.38	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,1,2,2-Tetrachloroethane	ND	vs	5.2	0.84	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.2	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,1,2-Trichloroethane	ND	vs	5.2	0.68	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,1-Dichloroethane	ND	vs	5.2	0.64	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,1-Dichloroethene	ND	vs	5.2	0.64	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,2,4-Trichlorobenzene	ND	vs	5.2	0.32	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.2	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,2-Dichlorobenzene	ND	vs	5.2	0.41	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,2-Dichloroethane	ND	vs	5.2	0.26	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,2-Dichloropropane	ND	vs	5.2	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,3-Dichlorobenzene	ND	vs	5.2	0.27	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,4-Dichlorobenzene	ND	vs	5.2	0.73	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
2-Butanone (MEK)	ND	*+ vs	26	1.9	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
2-Hexanone	ND	vs	26	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
4-Methyl-2-pentanone (MIBK)	ND	vs	26	1.7	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Acetone	ND	*+ vs	26	4.4	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Benzene	ND	vs	5.2	0.26	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Bromoform	ND	vs	5.2	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Bromomethane	ND	vs	5.2	0.47	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Carbon disulfide	ND	vs	5.2	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Carbon tetrachloride	ND	vs	5.2	0.50	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Chlorobenzene	ND	vs	5.2	0.69	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Dibromochloromethane	ND	vs	5.2	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Chloroethane	ND	vs	5.2	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Chloroform	**1.0**	**J B vs**	5.2	0.32	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Chloromethane	ND	*+ vs	5.2	0.31	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
cis-1,2-Dichloroethene	ND	vs	5.2	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-4 0-2
Lab Sample ID: 480-240098-11
Date Collected: 07/02/26 11:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND	vs	5.2	0.73	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Bromodichloromethane	ND	vs	5.2	0.70	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Dichlorodifluoromethane	ND	vs	5.2	0.43	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Ethylbenzene	ND	vs	5.2	0.36	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
1,2-Dibromoethane	ND	vs	5.2	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Isopropylbenzene	ND	vs	5.2	0.79	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Methyl acetate	ND	vs	26	3.1	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Methyl tert-butyl ether	ND	vs	5.2	0.51	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Methylcyclohexane	ND	vs	5.2	0.79	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Methylene Chloride	ND	vs	5.2	2.4	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Tetrachloroethene	ND	vs	5.2	0.70	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Toluene	ND	vs	5.2	0.39	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
trans-1,2-Dichloroethene	ND	vs	5.2	0.54	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
trans-1,3-Dichloropropene	ND	vs	5.2	2.3	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Trichloroethene	ND	vs	5.2	1.1	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Trichlorofluoromethane	ND	vs	5.2	0.49	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Vinyl chloride	ND	vs	5.2	0.64	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Xylenes, Total	ND	vs	10	0.87	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
cis-1,3-Dichloropropene	ND	vs	5.2	0.75	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1
Styrene	ND	vs	5.2	0.26	ug/Kg	☼	07/06/26 18:21	07/07/26 01:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/07/26 01:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*07/06/26 18:21*	*07/07/26 01:26*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*07/06/26 18:21*	*07/07/26 01:26*	*1*
Toluene-d8 (Surr)	*85*		*71 - 125*	*07/06/26 18:21*	*07/07/26 01:26*	*1*
Dibromofluoromethane (Surr)	*110*		*60 - 140*	*07/06/26 18:21*	*07/07/26 01:26*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		10000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
bis (2-chloroisopropyl) ether	ND		10000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2,4,5-Trichlorophenol	ND		10000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2,4,6-Trichlorophenol	ND		10000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2,4-Dichlorophenol	ND		10000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2,4-Dimethylphenol	ND		10000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2,4-Dinitrophenol	ND		98000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2,4-Dinitrotoluene	ND		10000	1400	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2,6-Dinitrotoluene	ND		10000	1400	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2-Chloronaphthalene	ND		10000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
1,4-Dioxane	ND		5900	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2-Chlorophenol	ND		10000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2-Methylphenol	ND		10000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2-Methylnaphthalene	ND		10000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2-Nitroaniline	ND		19000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
2-Nitrophenol	ND		10000	1100	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
3,3'-Dichlorobenzidine	ND		19000	2900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
3-Nitroaniline	ND		19000	1400	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

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Date Collected: 07/02/26 11:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		19000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
4-Bromophenyl phenyl ether	ND		10000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
4-Chloro-3-methylphenol	ND		10000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
4-Chloroaniline	ND		10000	1400	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
4-Chlorophenyl phenyl ether	ND		10000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
4-Methylphenol	ND		19000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
4-Nitroaniline	ND		19000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
4-Nitrophenol	ND		19000	2700	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Acenaphthene	ND		10000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Acenaphthylene	ND		10000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Acetophenone	ND		10000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Anthracene	ND		10000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Atrazine	ND		10000	3400	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Benzaldehyde	ND		10000	7600	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Benzo[a]anthracene	ND		10000	1400	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Benzo[a]pyrene	ND		10000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Benzo[b]fluoranthene	**1900**	**J**	10000	1300	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Benzo[g,h,i]perylene	ND		10000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Benzo[k]fluoranthene	ND		10000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Bis(2-chloroethoxy)methane	ND		10000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Bis(2-chloroethyl)ether	ND		10000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Bis(2-ethylhexyl) phthalate	ND		10000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Butyl benzyl phthalate	ND		10000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Caprolactam	ND		10000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Carbazole	ND		10000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Chrysene	ND		10000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Dibenz(a,h)anthracene	ND		10000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Di-n-butyl phthalate	ND		10000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Di-n-octyl phthalate	ND		10000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Dibenzofuran	ND		10000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Diethyl phthalate	ND		10000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Dimethyl phthalate	ND		10000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Fluoranthene	**2700**	**J**	10000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Fluorene	ND		10000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Hexachlorobenzene	ND		10000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Hexachlorobutadiene	ND		10000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Hexachlorocyclopentadiene	ND		19000	4400	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Hexachloroethane	ND		10000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Indeno[1,2,3-cd]pyrene	ND		10000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Isophorone	ND		10000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
N-Nitrosodi-n-propylamine	ND		10000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
N-Nitrosodiphenylamine	ND		10000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Naphthalene	ND		10000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Nitrobenzene	ND		10000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Pentachlorophenol	ND		19000	3200	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Phenanthrene	ND		10000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Phenol	ND		10000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20
Pyrene	ND		10000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 04:46	20

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Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	25000	T J	ug/Kg	☼	3.50	N/A	07/07/26 09:03	07/09/26 04:46	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	107		22 - 120	07/07/26 09:03	07/09/26 04:46	20
Phenol-d5 (Surr)	97		23 - 120	07/07/26 09:03	07/09/26 04:46	20
p-Terphenyl-d14 (Surr)	81		28 - 124	07/07/26 09:03	07/09/26 04:46	20
2,4,6-Tribromophenol (Surr)	109		10 - 140	07/07/26 09:03	07/09/26 04:46	20
2-Fluorobiphenyl (Surr)	83		29 - 120	07/07/26 09:03	07/09/26 04:46	20
2-Fluorophenol (Surr)	101		18 - 120	07/07/26 09:03	07/09/26 04:46	20

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	F1	170	33	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
4,4'-DDE	ND		170	35	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
4,4'-DDT	ND		170	39	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
beta-BHC	ND	F1	170	30	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
cis-Chlordane	ND		170	84	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
alpha-BHC	ND	F1	170	30	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
Aldrin	ND		170	41	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
delta-BHC	ND		170	31	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
Dieldrin	ND		170	40	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
Endosulfan I	ND	F1	170	32	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
Endosulfan II	ND	F1	170	30	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
Endosulfan sulfate	ND	F1	170	31	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
Endrin	ND	F1	170	33	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
Endrin aldehyde	ND		170	43	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
Endrin ketone	ND		170	41	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
gamma-BHC (Lindane)	ND		170	31	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
trans-Chlordane	ND		170	54	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
Heptachlor	ND		170	37	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
Heptachlor epoxide	ND		170	44	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
Methoxychlor	ND		170	34	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50
Toxaphene	ND		1700	980	ug/Kg	☼	07/06/26 07:00	07/06/26 14:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	S1-	45 - 120	07/06/26 07:00	07/06/26 14:45	50
DCB Decachlorobiphenyl	0	S1-	45 - 120	07/06/26 07:00	07/06/26 14:45	50
Tetrachloro-m-xylene	0	S1-	30 - 124	07/06/26 07:00	07/06/26 14:45	50
Tetrachloro-m-xylene	0	S1-	30 - 124	07/06/26 07:00	07/06/26 14:45	50

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.042	mg/Kg	☼	07/07/26 06:51	07/07/26 20:54	1
PCB-1221	ND		0.22	0.042	mg/Kg	☼	07/07/26 06:51	07/07/26 20:54	1
PCB-1232	ND		0.22	0.042	mg/Kg	☼	07/07/26 06:51	07/07/26 20:54	1
PCB-1242	ND		0.22	0.042	mg/Kg	☼	07/07/26 06:51	07/07/26 20:54	1
PCB-1248	ND		0.22	0.042	mg/Kg	☼	07/07/26 06:51	07/07/26 20:54	1
PCB-1254	ND		0.22	0.10	mg/Kg	☼	07/07/26 06:51	07/07/26 20:54	1
PCB-1260	ND		0.22	0.10	mg/Kg	☼	07/07/26 06:51	07/07/26 20:54	1

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Percent Solids: 94.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*60 - 154*	*07/07/26 06:51*	*07/07/26 20:54*	*1*
Tetrachloro-m-xylene	*90*		*60 - 154*	*07/07/26 06:51*	*07/07/26 20:54*	*1*
DCB Decachlorobiphenyl	*75*		*65 - 174*	*07/07/26 06:51*	*07/07/26 20:54*	*1*
DCB Decachlorobiphenyl	*76*		*65 - 174*	*07/07/26 06:51*	*07/07/26 20:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.24**	**J**	0.40	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluoropentanoic acid (PFPeA)	**0.11**	**J**	0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorooctanoic acid (PFOA)	**0.11**	**J**	0.20	0.060	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorodecanoic acid (PFDA)	**0.090**	**J**	0.20	0.060	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorooctanesulfonic acid (PFOS)	**0.73**		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-4 0-2
Lab Sample ID: 480-240098-11
Date Collected: 07/02/26 11:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g	☼	07/08/26 06:00	07/10/26 06:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*71.2*		*8 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C5 PFPeA	*57.9*		*35 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C5 PFHxA	*61.6*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C4 PFHpA	*59.1*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C8 PFOA	*64.2*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C9 PFNA	*78.6*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C6 PFDA	*79.7*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C7 PFUnA	*81.4*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C2 PFTeDA	*77.5*		*20 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C3 PFBS	*74.9*		*40 - 135*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C3 PFHxS	*72.7*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C8 PFOS	*72.5*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C8 FOSA	*90.3*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
d3-NMeFOSAA	*125*		*40 - 135*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
d5-NEtFOSAA	*136*		*40 - 150*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C2 4:2 FTS	*204*	**5+*	*40 - 165*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C2 6:2 FTS	*176*		*40 - 215*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C2 8:2 FTS	*166*		*40 - 275*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C3 HFPO-DA	*66.8*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
d7-N-MeFOSE-M	*56.6*		*20 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
d9-N-EtFOSE-M	*42.7*		*15 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
d5-NEtPFOSA	*53.8*		*10 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
d3-NMePFOSA	*72.2*		*10 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C2 PFDoA	*74.7*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C3-PFDoS	*68.1*		*20 - 150*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C3-3:3 FTCA	*77.5*		*20 - 150*	*07/08/26 06:00*	*07/10/26 06:09*	*1*
13C3-5:3 FTCA	*81.4*		*20 - 150*	*07/08/26 06:00*	*07/10/26 06:09*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8860**		10.6	9.1	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Antimony	ND	^5+	15.9	0.56	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Arsenic	**3.9**	**^5+**	2.1	0.93	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1

Client Sample ID: RI-BH-4 0-2
Lab Sample ID: 480-240098-11
Date Collected: 07/02/26 11:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	60.9		0.53	0.15	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Beryllium	0.46		0.21	0.042	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Cadmium	0.22	^5+	0.21	0.074	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Calcium	149000		265	143	mg/Kg	☼	07/06/26 16:06	07/13/26 10:16	5
Chromium	12.0		0.53	0.38	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Cobalt	5.1	^5+	0.53	0.11	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Copper	14.8	^5+	1.1	0.60	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Iron	10800		10.6	9.0	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Lead	70.8		1.1	0.49	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Magnesium	13300		21.2	9.0	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Manganese	259	^2	1.1	0.30	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Nickel	12.9		5.3	0.27	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Potassium	2500	^5+	31.8	25.7	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Selenium	ND	^5+	4.2	0.85	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Silver	0.30	J ^5-	0.64	0.21	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Sodium	164		148	65.0	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Thallium	ND	^5+	6.4	0.81	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Vanadium	20.1		0.53	0.14	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1
Zinc	81.0		2.1	1.1	mg/Kg	☼	07/06/26 16:06	07/07/26 14:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.022	0.0051	mg/Kg	☼	07/08/26 11:56	07/08/26 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	2.8		0.95	0.46	mg/Kg	☼	07/08/26 11:38	07/08/26 16:36	1

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12
Date Collected: 07/02/26 11:55
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.5	0.40	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,1,2,2-Tetrachloroethane	ND	vs	5.5	0.89	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.5	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,1,2-Trichloroethane	ND	vs	5.5	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,1-Dichloroethane	ND	vs	5.5	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,1-Dichloroethene	ND	vs	5.5	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,2,4-Trichlorobenzene	ND	vs	5.5	0.33	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.5	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,2-Dichlorobenzene	ND	vs	5.5	0.43	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,2-Dichloroethane	ND	vs	5.5	0.27	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,2-Dichloropropane	ND	vs	5.5	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,3-Dichlorobenzene	ND	vs	5.5	0.28	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,4-Dichlorobenzene	ND	vs	5.5	0.77	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
2-Butanone (MEK)	ND	*+ vs	27	2.0	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
2-Hexanone	ND	vs	27	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
4-Methyl-2-pentanone (MIBK)	ND	vs	27	1.8	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12
Date Collected: 07/02/26 11:55
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+ vs	27	4.6	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Benzene	ND	vs	5.5	0.27	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Bromoform	ND	vs	5.5	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Bromomethane	ND	vs	5.5	0.49	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Carbon disulfide	ND	vs	5.5	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Carbon tetrachloride	ND	vs	5.5	0.53	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Chlorobenzene	ND	vs	5.5	0.72	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Dibromochloromethane	ND	vs	5.5	0.70	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Chloroethane	ND	vs	5.5	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Chloroform	**1.1**	**J B vs**	5.5	0.34	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Chloromethane	ND	*+ vs	5.5	0.33	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
cis-1,2-Dichloroethene	ND	vs	5.5	0.70	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Cyclohexane	ND	vs	5.5	0.77	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Bromodichloromethane	ND	vs	5.5	0.73	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Dichlorodifluoromethane	ND	vs	5.5	0.45	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Ethylbenzene	ND	vs	5.5	0.38	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
1,2-Dibromoethane	ND	vs	5.5	0.70	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Isopropylbenzene	ND	vs	5.5	0.82	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Methyl acetate	ND	vs	27	3.3	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Methyl tert-butyl ether	ND	vs	5.5	0.54	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Methylcyclohexane	ND	vs	5.5	0.83	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Methylene Chloride	ND	vs	5.5	2.5	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Tetrachloroethene	ND	vs	5.5	0.73	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Toluene	ND	vs	5.5	0.41	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
trans-1,2-Dichloroethene	ND	vs	5.5	0.56	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
trans-1,3-Dichloropropene	ND	vs	5.5	2.4	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Trichloroethene	ND	vs	5.5	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Trichlorofluoromethane	ND	vs	5.5	0.52	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Vinyl chloride	ND	vs	5.5	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Xylenes, Total	ND	vs	11	0.92	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
cis-1,3-Dichloropropene	ND	vs	5.5	0.79	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1
Styrene	ND	vs	5.5	0.27	ug/Kg	☼	07/06/26 18:21	07/07/26 01:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/07/26 01:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 126*	*07/06/26 18:21*	*07/07/26 01:49*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*	*07/06/26 18:21*	*07/07/26 01:49*	*1*
Toluene-d8 (Surr)	*84*		*71 - 125*	*07/06/26 18:21*	*07/07/26 01:49*	*1*
Dibromofluoromethane (Surr)	*107*		*60 - 140*	*07/06/26 18:21*	*07/07/26 01:49*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
bis (2-chloroisopropyl) ether	ND		11000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
2,4,5-Trichlorophenol	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
2,4,6-Trichlorophenol	ND		11000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
2,4-Dichlorophenol	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
2,4-Dimethylphenol	ND		11000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12
Date Collected: 07/02/26 11:55
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		110000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
2,4-Dinitrotoluene	ND		11000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
2,6-Dinitrotoluene	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
2-Chloronaphthalene	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
1,4-Dioxane	ND		6500	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
2-Chlorophenol	ND		11000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
2-Methylphenol	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
2-Methylnaphthalene	ND		11000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
2-Nitroaniline	ND		21000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
2-Nitrophenol	ND		11000	1200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
3,3'-Dichlorobenzidine	ND		21000	3200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
3-Nitroaniline	ND		21000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
4,6-Dinitro-2-methylphenol	ND		21000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
4-Bromophenyl phenyl ether	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
4-Chloro-3-methylphenol	ND		11000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
4-Chloroaniline	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
4-Chlorophenyl phenyl ether	ND		11000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
4-Methylphenol	ND		21000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
4-Nitroaniline	ND		21000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
4-Nitrophenol	ND		21000	3000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Acenaphthene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Acenaphthylene	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Acetophenone	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Anthracene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Atrazine	ND		11000	3700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Benzaldehyde	ND		11000	8400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Benzo[a]anthracene	**2600**	**J**	11000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Benzo[a]pyrene	**2700**	**J**	11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Benzo[b]fluoranthene	**3700**	**J**	11000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Benzo[g,h,i]perylene	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Benzo[k]fluoranthene	ND		11000	2500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Bis(2-chloroethoxy)methane	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Bis(2-chloroethyl)ether	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Bis(2-ethylhexyl) phthalate	ND		11000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Butyl benzyl phthalate	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Caprolactam	ND		11000	2500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Carbazole	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Chrysene	**2700**	**J**	11000	2600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Dibenz(a,h)anthracene	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Di-n-butyl phthalate	ND		11000	2500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Di-n-octyl phthalate	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Dibenzofuran	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Diethyl phthalate	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Dimethyl phthalate	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Fluoranthene	**6400**	**J**	11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Fluorene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Hexachlorobenzene	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Hexachlorobutadiene	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Hexachlorocyclopentadiene	ND		21000	4800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12
Date Collected: 07/02/26 11:55
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Indeno[1,2,3-cd]pyrene	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Isophorone	ND		11000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
N-Nitrosodi-n-propylamine	ND		11000	2500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
N-Nitrosodiphenylamine	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Naphthalene	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Nitrobenzene	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Pentachlorophenol	ND		21000	3500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Phenanthrene	**2600**	**J**	11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Phenol	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20
Pyrene	**3800**	**J**	11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:10	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*20000*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/07/26 09:03*	*07/09/26 05:10*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*98*		*22 - 120*	*07/07/26 09:03*	*07/09/26 05:10*	*20*
Phenol-d5 (Surr)	*88*		*23 - 120*	*07/07/26 09:03*	*07/09/26 05:10*	*20*
p-Terphenyl-d14 (Surr)	*72*		*28 - 124*	*07/07/26 09:03*	*07/09/26 05:10*	*20*
2,4,6-Tribromophenol (Surr)	*105*		*10 - 140*	*07/07/26 09:03*	*07/09/26 05:10*	*20*
2-Fluorobiphenyl (Surr)	*78*		*29 - 120*	*07/07/26 09:03*	*07/09/26 05:10*	*20*
2-Fluorophenol (Surr)	*95*		*18 - 120*	*07/07/26 09:03*	*07/09/26 05:10*	*20*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		180	35	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
4,4'-DDE	ND		180	38	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
4,4'-DDT	ND		180	42	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
beta-BHC	ND		180	32	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
cis-Chlordane	ND		180	89	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
alpha-BHC	ND		180	32	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
Aldrin	ND		180	44	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
delta-BHC	ND		180	33	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
Dieldrin	ND		180	43	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
Endosulfan I	ND		180	34	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
Endosulfan II	ND		180	32	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
Endosulfan sulfate	ND		180	33	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
Endrin	ND		180	35	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
Endrin aldehyde	ND		180	46	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
Endrin ketone	ND		180	44	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
gamma-BHC (Lindane)	ND		180	33	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
trans-Chlordane	ND		180	57	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
Heptachlor	ND		180	39	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
Heptachlor epoxide	ND		180	46	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
Methoxychlor	ND		180	36	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50
Toxaphene	ND		1800	1000	ug/Kg	☼	07/06/26 07:00	07/06/26 15:24	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 07:00*	*07/06/26 15:24*	*50*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 07:00*	*07/06/26 15:24*	*50*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12
Date Collected: 07/02/26 11:55
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.6

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 15:24*	*50*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 15:24*	*50*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 21:12	1
PCB-1221	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 21:12	1
PCB-1232	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 21:12	1
PCB-1242	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 21:12	1
PCB-1248	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 21:12	1
PCB-1254	ND		0.21	0.098	mg/Kg	☼	07/07/26 06:51	07/07/26 21:12	1
PCB-1260	ND		0.21	0.098	mg/Kg	☼	07/07/26 06:51	07/07/26 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*60 - 154*	*07/07/26 06:51*	*07/07/26 21:12*	*1*
Tetrachloro-m-xylene	*89*		*60 - 154*	*07/07/26 06:51*	*07/07/26 21:12*	*1*
DCB Decachlorobiphenyl	*77*		*65 - 174*	*07/07/26 06:51*	*07/07/26 21:12*	*1*
DCB Decachlorobiphenyl	*76*		*65 - 174*	*07/07/26 06:51*	*07/07/26 21:12*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.29**	**J**	0.39	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluoropentanoic acid (PFPeA)	**0.13**	**J**	0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorohexanoic acid (PFHxA)	**0.12**	**J**	0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluoroheptanoic acid (PFHpA)	**0.098**	**J**	0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorooctanoic acid (PFOA)	**0.22**		0.20	0.059	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorononanoic acid (PFNA)	**0.13**	**J**	0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.20	0.059	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorooctanesulfonic acid (PFOS)	**0.53**		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12
Date Collected: 07/02/26 11:55
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	07/08/26 06:00	07/10/26 06:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*67.2*		*8 - 130*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C5 PFPeA	*61.5*		*35 - 130*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C5 PFHxA	*62.8*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C4 PFHpA	*65.1*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C8 PFOA	*61.4*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C9 PFNA	*72.4*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C6 PFDA	*69.3*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C7 PFUnA	*71.5*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C2 PFTeDA	*60.9*		*20 - 130*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C3 PFBS	*66.7*		*40 - 135*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C3 PFHxS	*65.5*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C8 PFOS	*60.0*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C8 FOSA	*76.8*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
d3-NMeFOSAA	*87.3*		*40 - 135*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
d5-NEtFOSAA	*112*		*40 - 150*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C2 4:2 FTS	*144*		*40 - 165*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C2 6:2 FTS	*131*		*40 - 215*	*07/08/26 06:00*	*07/10/26 06:22*	*1*
13C2 8:2 FTS	*114*		*40 - 275*	*07/08/26 06:00*	*07/10/26 06:22*	*1*

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12
Date Collected: 07/02/26 11:55
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	64.6		40 - 130	07/08/26 06:00	07/10/26 06:22	1
d7-N-MeFOSE-M	43.0		20 - 130	07/08/26 06:00	07/10/26 06:22	1
d9-N-EtFOSE-M	30.6		15 - 130	07/08/26 06:00	07/10/26 06:22	1
d5-NEtPFOSA	52.3		10 - 130	07/08/26 06:00	07/10/26 06:22	1
d3-NMePFOSA	64.8		10 - 130	07/08/26 06:00	07/10/26 06:22	1
13C2 PFDoA	62.4		40 - 130	07/08/26 06:00	07/10/26 06:22	1
13C3-PFDoS	54.9		20 - 150	07/08/26 06:00	07/10/26 06:22	1
13C3-3:3 FTCA	63.1		20 - 150	07/08/26 06:00	07/10/26 06:22	1
13C3-5:3 FTCA	57.1		20 - 150	07/08/26 06:00	07/10/26 06:22	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14100**		11.1	9.5	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Antimony	ND	^5+	16.6	0.59	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Arsenic	**5.5**	**^5+**	2.2	0.97	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Barium	**108**		0.55	0.15	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Beryllium	**0.89**		0.22	0.044	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Cadmium	**0.39**	**^5+**	0.22	0.077	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Calcium	**65800**		55.3	29.9	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Chromium	**17.3**		0.55	0.40	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Cobalt	**7.2**	**^5+**	0.55	0.11	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Copper	**18.7**	**^5+**	1.1	0.63	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Iron	**16300**		11.1	9.4	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Lead	**130**		1.1	0.51	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Magnesium	**17900**		22.1	9.4	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Manganese	**523**	**^2**	1.1	0.31	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Nickel	**14.7**		5.5	0.28	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Potassium	**3160**	**^5+**	33.2	26.8	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Selenium	ND	^5+	4.4	0.89	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Silver	**0.43**	**J ^5-**	0.66	0.22	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Sodium	**212**		155	67.9	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Thallium	ND	^5+	6.6	0.84	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Vanadium	**26.0**		0.55	0.14	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1
Zinc	**129**		2.2	1.1	mg/Kg	☼	07/06/26 16:06	07/07/26 14:59	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**		0.021	0.0048	mg/Kg	☼	07/08/26 11:56	07/08/26 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**2.5**		1.0	0.50	mg/Kg	☼	07/08/26 11:38	07/08/26 16:39	1

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13
Date Collected: 07/02/26 12:15
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 81.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.96	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13
Date Collected: 07/02/26 12:15
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 81.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.4	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
1,1,2-Trichloroethane	ND	vs	5.9	0.77	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
1,1-Dichloroethene	ND	vs	5.9	0.73	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.9	3.0	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
1,2-Dichloroethane	ND	vs	5.9	0.30	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
1,2-Dichloropropane	ND	vs	5.9	3.0	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
1,4-Dichlorobenzene	ND	vs	5.9	0.83	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
2-Butanone (MEK)	ND	*+ vs	30	2.2	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	1.9	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Acetone	ND	*+ vs	30	5.0	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Bromoform	ND	vs	5.9	3.0	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Bromomethane	ND	vs	5.9	0.53	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Carbon disulfide	ND	vs	5.9	3.0	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Chlorobenzene	ND	vs	5.9	0.78	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Dibromochloromethane	ND	vs	5.9	0.76	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Chloroform	**1.2**	**J B vs**	5.9	0.37	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Chloromethane	ND	*+ vs	5.9	0.36	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.76	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Cyclohexane	ND	vs	5.9	0.83	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Bromodichloromethane	ND	vs	5.9	0.79	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Dichlorodifluoromethane	ND	vs	5.9	0.49	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Ethylbenzene	ND	vs	5.9	0.41	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
1,2-Dibromoethane	ND	vs	5.9	0.76	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Isopropylbenzene	ND	vs	5.9	0.89	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Methylcyclohexane	ND	vs	5.9	0.90	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Tetrachloroethene	ND	vs	5.9	0.80	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Toluene	ND	vs	5.9	0.45	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.61	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
trans-1,3-Dichloropropene	ND	vs	5.9	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Trichlorofluoromethane	ND	vs	5.9	0.56	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.85	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1
Styrene	ND	vs	5.9	0.30	ug/Kg	☼	07/06/26 18:21	07/07/26 02:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/07/26 02:13*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13
Date Collected: 07/02/26 12:15
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 81.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*07/06/26 18:21*	*07/07/26 02:13*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*07/06/26 18:21*	*07/07/26 02:13*	*1*
Toluene-d8 (Surr)	*87*		*71 - 125*	*07/06/26 18:21*	*07/07/26 02:13*	*1*
Dibromofluoromethane (Surr)	*107*		*60 - 140*	*07/06/26 18:21*	*07/07/26 02:13*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		12000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
bis (2-chloroisopropyl) ether	ND		12000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2,4,5-Trichlorophenol	ND		12000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2,4,6-Trichlorophenol	ND		12000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2,4-Dichlorophenol	ND		12000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2,4-Dimethylphenol	ND		12000	2500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2,4-Dinitrophenol	ND		120000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2,4-Dinitrotoluene	ND		12000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2,6-Dinitrotoluene	ND		12000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2-Chloronaphthalene	ND		12000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
1,4-Dioxane	ND		7000	2600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2-Chlorophenol	ND		12000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2-Methylphenol	ND		12000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2-Methylnaphthalene	ND		12000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2-Nitroaniline	ND		23000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
2-Nitrophenol	ND		12000	1300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
3,3'-Dichlorobenzidine	ND		23000	3400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
3-Nitroaniline	ND		23000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
4,6-Dinitro-2-methylphenol	ND		23000	2600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
4-Bromophenyl phenyl ether	ND		12000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
4-Chloro-3-methylphenol	ND		12000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
4-Chloroaniline	ND		12000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
4-Chlorophenyl phenyl ether	ND		12000	2500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
4-Methylphenol	ND		23000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
4-Nitroaniline	ND		23000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
4-Nitrophenol	ND		23000	3200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Acenaphthene	ND		12000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Acenaphthylene	ND		12000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Acetophenone	ND		12000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Anthracene	ND		12000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Atrazine	ND		12000	4000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Benzaldehyde	ND		12000	9000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Benzo[a]anthracene	ND		12000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Benzo[a]pyrene	ND		12000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Benzo[b]fluoranthene	ND		12000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Benzo[g,h,i]perylene	ND		12000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Benzo[k]fluoranthene	ND		12000	2600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Bis(2-chloroethoxy)methane	ND		12000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Bis(2-chloroethyl)ether	ND		12000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Bis(2-ethylhexyl) phthalate	ND		12000	2600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Butyl benzyl phthalate	ND		12000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Caprolactam	ND		12000	2700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Carbazole	ND		12000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13
Date Collected: 07/02/26 12:15
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 81.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		12000	2800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Dibenz(a,h)anthracene	ND		12000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Di-n-butyl phthalate	ND		12000	2600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Di-n-octyl phthalate	ND		12000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Dibenzofuran	ND		12000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Diethyl phthalate	ND		12000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Dimethyl phthalate	ND		12000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Fluoranthene	**2200**	**J**	12000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Fluorene	ND		12000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Hexachlorobenzene	ND		12000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Hexachlorobutadiene	ND		12000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Hexachlorocyclopentadiene	ND		23000	5200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Hexachloroethane	ND		12000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Indeno[1,2,3-cd]pyrene	ND		12000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Isophorone	ND		12000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
N-Nitrosodi-n-propylamine	ND		12000	2600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
N-Nitrosodiphenylamine	ND		12000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Naphthalene	ND		12000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Nitrobenzene	ND		12000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Pentachlorophenol	ND		23000	3800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Phenanthrene	ND		12000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Phenol	ND		12000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20
Pyrene	ND		12000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:34	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*44000*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/07/26 09:03*	*07/09/26 05:34*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*100*		*22 - 120*	*07/07/26 09:03*	*07/09/26 05:34*	*20*
Phenol-d5 (Surr)	*86*		*23 - 120*	*07/07/26 09:03*	*07/09/26 05:34*	*20*
p-Terphenyl-d14 (Surr)	*75*		*28 - 124*	*07/07/26 09:03*	*07/09/26 05:34*	*20*
2,4,6-Tribromophenol (Surr)	*107*		*10 - 140*	*07/07/26 09:03*	*07/09/26 05:34*	*20*
2-Fluorobiphenyl (Surr)	*79*		*29 - 120*	*07/07/26 09:03*	*07/09/26 05:34*	*20*
2-Fluorophenol (Surr)	*91*		*18 - 120*	*07/07/26 09:03*	*07/09/26 05:34*	*20*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		200	38	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
4,4'-DDE	ND		200	41	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
4,4'-DDT	ND		200	46	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
beta-BHC	ND		200	35	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
cis-Chlordane	ND		200	97	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
alpha-BHC	ND		200	35	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
Aldrin	ND		200	48	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
delta-BHC	ND		200	36	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
Dieldrin	ND		200	47	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
Endosulfan I	ND		200	37	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
Endosulfan II	ND		200	35	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
Endosulfan sulfate	ND		200	36	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
Endrin	ND		200	39	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13
Date Collected: 07/02/26 12:15
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 81.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		200	50	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
Endrin ketone	ND		200	48	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
gamma-BHC (Lindane)	ND		200	36	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
trans-Chlordane	ND		200	62	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
Heptachlor	ND		200	42	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
Heptachlor epoxide	ND		200	50	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
Methoxychlor	ND		200	40	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50
Toxaphene	ND		2000	1100	ug/Kg	☼	07/06/26 07:00	07/06/26 15:44	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 07:00*	*07/06/26 15:44*	*50*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 07:00*	*07/06/26 15:44*	*50*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 15:44*	*50*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 15:44*	*50*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	07/07/26 06:51	07/07/26 21:30	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	07/07/26 06:51	07/07/26 21:30	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	07/07/26 06:51	07/07/26 21:30	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	07/07/26 06:51	07/07/26 21:30	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	07/07/26 06:51	07/07/26 21:30	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	07/07/26 06:51	07/07/26 21:30	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	07/07/26 06:51	07/07/26 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*60 - 154*	*07/07/26 06:51*	*07/07/26 21:30*	*1*
Tetrachloro-m-xylene	*83*		*60 - 154*	*07/07/26 06:51*	*07/07/26 21:30*	*1*
DCB Decachlorobiphenyl	*69*		*65 - 174*	*07/07/26 06:51*	*07/07/26 21:30*	*1*
DCB Decachlorobiphenyl	*70*		*65 - 174*	*07/07/26 06:51*	*07/07/26 21:30*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.37**	**J**	0.40	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluoropentanoic acid (PFPeA)	**0.11**	**J**	0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorohexanoic acid (PFHxA)	**0.10**	**J**	0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluoroheptanoic acid (PFHpA)	**0.11**	**J**	0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.20	0.060	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorononanoic acid (PFNA)	**0.12**	**J**	0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.20	0.060	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13
Date Collected: 07/02/26 12:15
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 81.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	**0.34**		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	ng/g	☼	07/08/26 06:00	07/10/26 06:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*107*		*8 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C5 PFPeA	*101*		*35 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C5 PFHxA	*104*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C4 PFHpA	*106*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C8 PFOA	*110*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C9 PFNA	*114*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C6 PFDA	*108*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13
Date Collected: 07/02/26 12:15
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 81.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C7 PFUnA	*110*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C2 PFTeDA	*85.3*		*20 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C3 PFBS	*104*		*40 - 135*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C3 PFHxS	*104*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C8 PFOS	*100*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C8 FOSA	*123*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
d3-NMeFOSAA	*144*	**5+*	*40 - 135*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
d5-NEtFOSAA	*174*	**5+*	*40 - 150*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C2 4:2 FTS	*254*	**5+*	*40 - 165*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C2 6:2 FTS	*233*	**5+*	*40 - 215*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C2 8:2 FTS	*196*		*40 - 275*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C3 HFPO-DA	*107*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
d7-N-MeFOSE-M	*54.4*		*20 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
d9-N-EtFOSE-M	*43.5*		*15 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
d5-NEtPFOSA	*83.7*		*10 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
d3-NMePFOSA	*106*		*10 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C2 PFDoA	*104*		*40 - 130*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C3-PFDoS	*78.1*		*20 - 150*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C3-3:3 FTCA	*112*		*20 - 150*	*07/08/26 06:00*	*07/10/26 06:36*	*1*
13C3-5:3 FTCA	*103*		*20 - 150*	*07/08/26 06:00*	*07/10/26 06:36*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16100**		12.5	10.7	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Antimony	ND	^5+	18.7	0.66	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Arsenic	**5.6**	**^5+**	2.5	1.1	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Barium	**110**		0.62	0.17	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Beryllium	**0.71**		0.25	0.050	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Cadmium	**0.34**	**^5+**	0.25	0.087	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Calcium	**79200**		62.3	33.6	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Chromium	**20.7**		0.62	0.45	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Cobalt	**9.3**	**^5+**	0.62	0.12	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Copper	**20.4**	**^5+**	1.2	0.71	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Iron	**18600**		12.5	10.6	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Lead	**148**		1.2	0.57	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Magnesium	**10800**		24.9	10.6	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Manganese	**347**	**^2**	1.2	0.35	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Nickel	**18.9**		6.2	0.31	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Potassium	**4410**	**^5+**	37.4	30.2	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Selenium	ND	^5+	5.0	1.0	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Silver	**0.43**	**J ^5-**	0.75	0.25	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Sodium	**217**		174	76.4	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Thallium	ND	^5+	7.5	0.95	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Vanadium	**30.9**		0.62	0.16	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1
Zinc	**125**		2.5	1.3	mg/Kg	☼	07/06/26 16:06	07/07/26 15:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.21**		0.023	0.0054	mg/Kg	☼	07/08/26 11:56	07/08/26 16:06	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13
Date Collected: 07/02/26 12:15
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 81.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.2	0.59	mg/Kg	☼	07/08/26 11:38	07/08/26 16:39	1

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14
Date Collected: 07/02/26 12:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.4	0.39	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,1,2,2-Tetrachloroethane	ND	vs	5.4	0.88	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.4	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,1,2-Trichloroethane	ND	vs	5.4	0.70	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,1-Dichloroethane	ND	vs	5.4	0.66	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,1-Dichloroethene	ND	vs	5.4	0.66	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,2,4-Trichlorobenzene	ND	vs	5.4	0.33	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.4	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,2-Dichlorobenzene	ND	vs	5.4	0.42	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,2-Dichloroethane	ND	vs	5.4	0.27	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,2-Dichloropropane	ND	vs	5.4	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,3-Dichlorobenzene	ND	vs	5.4	0.28	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,4-Dichlorobenzene	ND	vs	5.4	0.76	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
2-Butanone (MEK)	ND	*+ vs	27	2.0	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
2-Hexanone	ND	vs	27	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
4-Methyl-2-pentanone (MIBK)	ND	vs	27	1.8	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Acetone	ND	*+ vs	27	4.5	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Benzene	ND	vs	5.4	0.26	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Bromoform	ND	vs	5.4	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Bromomethane	ND	vs	5.4	0.49	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Carbon disulfide	ND	vs	5.4	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Carbon tetrachloride	ND	vs	5.4	0.52	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Chlorobenzene	ND	vs	5.4	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Dibromochloromethane	ND	vs	5.4	0.69	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Chloroethane	ND	vs	5.4	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Chloroform	**1.1**	**J B vs**	5.4	0.33	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Chloromethane	ND	*+ vs	5.4	0.33	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
cis-1,2-Dichloroethene	ND	vs	5.4	0.69	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Cyclohexane	ND	vs	5.4	0.76	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Bromodichloromethane	ND	vs	5.4	0.72	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Dichlorodifluoromethane	ND	vs	5.4	0.45	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Ethylbenzene	ND	vs	5.4	0.37	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
1,2-Dibromoethane	ND	vs	5.4	0.69	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Isopropylbenzene	ND	vs	5.4	0.81	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Methyl acetate	ND	vs	27	3.3	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Methyl tert-butyl ether	ND	vs	5.4	0.53	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Methylcyclohexane	ND	vs	5.4	0.82	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Methylene Chloride	ND	vs	5.4	2.5	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Tetrachloroethene	ND	vs	5.4	0.72	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Toluene	ND	vs	5.4	0.41	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
trans-1,2-Dichloroethene	ND	vs	5.4	0.56	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
trans-1,3-Dichloropropene	ND	vs	5.4	2.4	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14
Date Collected: 07/02/26 12:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	vs	5.4	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Trichlorofluoromethane	ND	vs	5.4	0.51	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Vinyl chloride	ND	vs	5.4	0.66	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Xylenes, Total	ND	vs	11	0.91	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
cis-1,3-Dichloropropene	ND	vs	5.4	0.78	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1
Styrene	ND	vs	5.4	0.27	ug/Kg	☼	07/06/26 18:21	07/07/26 02:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/07/26 02:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*07/06/26 18:21*	*07/07/26 02:36*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*07/06/26 18:21*	*07/07/26 02:36*	*1*
Toluene-d8 (Surr)	*85*		*71 - 125*	*07/06/26 18:21*	*07/07/26 02:36*	*1*
Dibromofluoromethane (Surr)	*113*		*60 - 140*	*07/06/26 18:21*	*07/07/26 02:36*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
bis (2-chloroisopropyl) ether	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2,4,5-Trichlorophenol	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2,4,6-Trichlorophenol	ND		11000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2,4-Dichlorophenol	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2,4-Dimethylphenol	ND		11000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2,4-Dinitrophenol	ND		110000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2,4-Dinitrotoluene	ND		11000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2,6-Dinitrotoluene	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2-Chloronaphthalene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
1,4-Dioxane	ND		6500	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2-Chlorophenol	ND		11000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2-Methylphenol	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2-Methylnaphthalene	ND		11000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2-Nitroaniline	ND		21000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
2-Nitrophenol	ND		11000	1200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
3,3'-Dichlorobenzidine	ND		21000	3200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
3-Nitroaniline	ND		21000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
4,6-Dinitro-2-methylphenol	ND		21000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
4-Bromophenyl phenyl ether	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
4-Chloro-3-methylphenol	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
4-Chloroaniline	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
4-Chlorophenyl phenyl ether	ND		11000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
4-Methylphenol	ND		21000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
4-Nitroaniline	ND		21000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
4-Nitrophenol	ND		21000	3000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Acenaphthene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Acenaphthylene	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Acetophenone	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Anthracene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Atrazine	ND		11000	3700	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Benzaldehyde	ND		11000	8400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14
Date Collected: 07/02/26 12:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		11000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Benzo[a]pyrene	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Benzo[b]fluoranthene	**1600**	**J**	11000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Benzo[g,h,i]perylene	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Benzo[k]fluoranthene	ND		11000	2500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Bis(2-chloroethoxy)methane	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Bis(2-chloroethyl)ether	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Bis(2-ethylhexyl) phthalate	ND		11000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Butyl benzyl phthalate	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Caprolactam	ND		11000	2500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Carbazole	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Chrysene	ND		11000	2600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Dibenz(a,h)anthracene	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Di-n-butyl phthalate	ND		11000	2500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Di-n-octyl phthalate	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Dibenzofuran	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Diethyl phthalate	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Dimethyl phthalate	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Fluoranthene	**2600**	**J**	11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Fluorene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Hexachlorobenzene	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Hexachlorobutadiene	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Hexachlorocyclopentadiene	ND		21000	4800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Hexachloroethane	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Indeno[1,2,3-cd]pyrene	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Isophorone	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
N-Nitrosodi-n-propylamine	ND		11000	2500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
N-Nitrosodiphenylamine	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Naphthalene	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Nitrobenzene	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Pentachlorophenol	ND		21000	3500	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Phenanthrene	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Phenol	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20
Pyrene	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 05:58	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*22000*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/07/26 09:03*	*07/09/26 05:58*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*92*		*22 - 120*	*07/07/26 09:03*	*07/09/26 05:58*	*20*
Phenol-d5 (Surr)	*83*		*23 - 120*	*07/07/26 09:03*	*07/09/26 05:58*	*20*
p-Terphenyl-d14 (Surr)	*68*		*28 - 124*	*07/07/26 09:03*	*07/09/26 05:58*	*20*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 140*	*07/07/26 09:03*	*07/09/26 05:58*	*20*
2-Fluorobiphenyl (Surr)	*74*		*29 - 120*	*07/07/26 09:03*	*07/09/26 05:58*	*20*
2-Fluorophenol (Surr)	*88*		*18 - 120*	*07/07/26 09:03*	*07/09/26 05:58*	*20*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		170	34	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
4,4'-DDE	ND		170	37	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14
Date Collected: 07/02/26 12:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.9

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		170	41	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
beta-BHC	ND		170	31	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
cis-Chlordane	ND		170	87	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
alpha-BHC	ND		170	31	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
Aldrin	ND		170	43	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
delta-BHC	ND		170	32	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
Dieldrin	ND		170	42	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
Endosulfan I	ND		170	33	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
Endosulfan II	ND		170	31	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
Endosulfan sulfate	ND		170	32	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
Endrin	ND		170	34	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
Endrin aldehyde	ND		170	44	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
Endrin ketone	ND		170	43	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
gamma-BHC (Lindane)	ND		170	32	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
trans-Chlordane	ND		170	55	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
Heptachlor	ND		170	38	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
Heptachlor epoxide	ND		170	45	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
Methoxychlor	ND		170	35	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50
Toxaphene	ND		1700	1000	ug/Kg	☼	07/06/26 07:00	07/06/26 16:03	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 07:00*	*07/06/26 16:03*	*50*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 07:00*	*07/06/26 16:03*	*50*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 16:03*	*50*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 16:03*	*50*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 21:49	1
PCB-1221	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 21:49	1
PCB-1232	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 21:49	1
PCB-1242	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 21:49	1
PCB-1248	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 21:49	1
PCB-1254	ND		0.21	0.099	mg/Kg	☼	07/07/26 06:51	07/07/26 21:49	1
PCB-1260	ND		0.21	0.099	mg/Kg	☼	07/07/26 06:51	07/07/26 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*60 - 154*	*07/07/26 06:51*	*07/07/26 21:49*	*1*
Tetrachloro-m-xylene	*87*		*60 - 154*	*07/07/26 06:51*	*07/07/26 21:49*	*1*
DCB Decachlorobiphenyl	*72*		*65 - 174*	*07/07/26 06:51*	*07/07/26 21:49*	*1*
DCB Decachlorobiphenyl	*72*		*65 - 174*	*07/07/26 06:51*	*07/07/26 21:49*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.37**	**J**	0.39	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluoropentanoic acid (PFPeA)	**0.18**	**J**	0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorohexanoic acid (PFHxA)	**0.13**	**J**	0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluoroheptanoic acid (PFHpA)	**0.12**	**J**	0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorooctanoic acid (PFOA)	**0.23**		0.19	0.058	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorononanoic acid (PFNA)	**0.16**	**J**	0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14
Date Collected: 07/02/26 12:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.19	0.058	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorooctanesulfonic acid (PFOS)	**0.34**		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14
Date Collected: 07/02/26 12:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	ng/g	☼	07/08/26 06:00	07/10/26 09:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*61.5*		*8 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C5 PFPeA	*55.2*		*35 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C5 PFHxA	*58.4*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C4 PFHpA	*62.2*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C8 PFOA	*58.5*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C9 PFNA	*70.5*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C6 PFDA	*68.6*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C7 PFUnA	*72.3*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C2 PFTeDA	*66.2*		*20 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C3 PFBS	*63.9*		*40 - 135*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C3 PFHxS	*63.4*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C8 PFOS	*63.2*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C8 FOSA	*75.1*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
d3-NMeFOSAA	*93.9*		*40 - 135*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
d5-NEtFOSAA	*125*		*40 - 150*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C2 4:2 FTS	*147*		*40 - 165*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C2 6:2 FTS	*138*		*40 - 215*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C2 8:2 FTS	*127*		*40 - 275*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C3 HFPO-DA	*66.5*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
d7-N-MeFOSE-M	*65.8*		*20 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
d9-N-EtFOSE-M	*53.1*		*15 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
d5-NEtPFOSA	*57.2*		*10 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
d3-NMePFOSA	*67.9*		*10 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C2 PFDoA	*70.4*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C3-PFDoS	*62.9*		*20 - 150*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C3-3:3 FTCA	*64.2*		*20 - 150*	*07/08/26 06:00*	*07/10/26 09:19*	*1*
13C3-5:3 FTCA	*58.4*		*20 - 150*	*07/08/26 06:00*	*07/10/26 09:19*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12900**		11.0	9.5	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Antimony	ND	^5+	16.5	0.58	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Arsenic	**5.6**	**^5+**	2.2	0.97	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Barium	**106**		0.55	0.15	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Beryllium	**0.59**		0.22	0.044	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Cadmium	**0.42**	**^5+**	0.22	0.077	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Calcium	**101000**		275	148	mg/Kg	☼	07/06/26 16:06	07/13/26 10:18	5
Chromium	**16.6**		0.55	0.40	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Cobalt	**7.3**	**^5+**	0.55	0.11	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Copper	**22.8**	**^5+**	1.1	0.63	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Iron	**15400**		11.0	9.3	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Lead	**234**		1.1	0.51	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Magnesium	**15700**		22.0	9.3	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Manganese	**325**	**^2**	1.1	0.31	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Nickel	**15.4**		5.5	0.27	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1

Client Sample ID: RI-BH-11 0-2

Lab Sample ID: 480-240098-14
Date Collected: 07/02/26 12:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**3550**	**^5+**	33.0	26.6	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Selenium	ND	^5+	4.4	0.88	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Silver	**0.38**	**J ^5-**	0.66	0.22	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Sodium	**187**		154	67.4	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Thallium	ND	^5+	6.6	0.84	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Vanadium	**27.0**		0.55	0.14	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1
Zinc	**155**		2.2	1.1	mg/Kg	☼	07/06/26 16:06	07/07/26 15:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.30**		0.021	0.0048	mg/Kg	☼	07/08/26 11:56	07/08/26 16:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**1.5**		1.0	0.50	mg/Kg	☼	07/08/26 11:38	07/08/26 16:39	1

Client Sample ID: RI-BH-1 0-2

Lab Sample ID: 480-240098-15
Date Collected: 07/02/26 12:50
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 84.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.8	0.42	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.94	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,1,2-Trichloroethane	ND	vs	5.8	0.75	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,1-Dichloroethane	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,1-Dichloroethene	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,2-Dichlorobenzene	ND	vs	5.8	0.45	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,2-Dichloroethane	ND	vs	5.8	0.29	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,2-Dichloropropane	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,3-Dichlorobenzene	ND	vs	5.8	0.30	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,4-Dichlorobenzene	ND	vs	5.8	0.81	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
2-Butanone (MEK)	ND	*+ vs	29	2.1	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Acetone	ND	*+ vs	29	4.9	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Benzene	ND	vs	5.8	0.28	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Bromoform	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Bromomethane	ND	vs	5.8	0.52	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Carbon disulfide	ND	vs	5.8	2.9	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Carbon tetrachloride	ND	vs	5.8	0.56	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Chlorobenzene	ND	vs	5.8	0.76	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Dibromochloromethane	ND	vs	5.8	0.74	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Chloroethane	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Chloroform	**1.2**	**J B vs**	5.8	0.36	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Chloromethane	ND	*+ vs	5.8	0.35	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
cis-1,2-Dichloroethene	ND	vs	5.8	0.74	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-1 0-2
Lab Sample ID: 480-240098-15
Date Collected: 07/02/26 12:50
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 84.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND	vs	5.8	0.81	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Bromodichloromethane	ND	vs	5.8	0.78	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Dichlorodifluoromethane	ND	vs	5.8	0.48	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Ethylbenzene	ND	vs	5.8	0.40	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
1,2-Dibromoethane	ND	vs	5.8	0.74	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Isopropylbenzene	ND	vs	5.8	0.87	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Methyl tert-butyl ether	ND	vs	5.8	0.57	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Methylcyclohexane	ND	vs	5.8	0.88	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Methylene Chloride	ND	vs	5.8	2.7	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Tetrachloroethene	ND	vs	5.8	0.78	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Toluene	ND	vs	5.8	0.44	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
trans-1,2-Dichloroethene	ND	vs	5.8	0.60	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
trans-1,3-Dichloropropene	ND	vs	5.8	2.5	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Trichloroethene	ND	vs	5.8	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Trichlorofluoromethane	ND	vs	5.8	0.55	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Vinyl chloride	ND	vs	5.8	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Xylenes, Total	ND	vs	12	0.97	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
cis-1,3-Dichloropropene	ND	vs	5.8	0.83	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1
Styrene	ND	vs	5.8	0.29	ug/Kg	☼	07/06/26 18:21	07/07/26 03:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/07/26 03:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*07/06/26 18:21*	*07/07/26 03:00*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*07/06/26 18:21*	*07/07/26 03:00*	*1*
Toluene-d8 (Surr)	*86*		*71 - 125*	*07/06/26 18:21*	*07/07/26 03:00*	*1*
Dibromofluoromethane (Surr)	*109*		*60 - 140*	*07/06/26 18:21*	*07/07/26 03:00*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1000	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
bis (2-chloroisopropyl) ether	ND		1000	200	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2,4,5-Trichlorophenol	ND		1000	200	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2,4,6-Trichlorophenol	ND		1000	150	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2,4-Dichlorophenol	ND		1000	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2,4-Dimethylphenol	ND		1000	210	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2,4-Dinitrophenol	ND		9800	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2,4-Dinitrotoluene	ND		1000	140	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2,6-Dinitrotoluene	ND		1000	140	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2-Chloronaphthalene	ND		1000	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
1,4-Dioxane	ND		590	220	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2-Chlorophenol	ND		1000	160	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2-Methylphenol	ND		1000	160	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2-Methylnaphthalene	ND		1000	160	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2-Nitroaniline	ND		1900	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
2-Nitrophenol	ND		1000	110	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
3,3'-Dichlorobenzidine	ND		1900	290	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
3-Nitroaniline	ND		1900	140	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-1 0-2
Lab Sample ID: 480-240098-15
Date Collected: 07/02/26 12:50
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 84.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		1900	220	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
4-Bromophenyl phenyl ether	ND		1000	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
4-Chloro-3-methylphenol	ND		1000	200	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
4-Chloroaniline	ND		1000	140	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
4-Chlorophenyl phenyl ether	ND		1000	210	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
4-Methylphenol	ND		1900	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
4-Nitroaniline	ND		1900	150	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
4-Nitrophenol	ND		1900	270	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Acenaphthene	ND		1000	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Acenaphthylene	ND		1000	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Acetophenone	ND		1000	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Anthracene	ND		1000	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Atrazine	ND		1000	340	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Benzaldehyde	ND		1000	760	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Benzo[a]anthracene	**570**	**J**	1000	140	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Benzo[a]pyrene	**780**	**J**	1000	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Benzo[b]fluoranthene	**1100**		1000	130	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Benzo[g,h,i]perylene	**510**	**J**	1000	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Benzo[k]fluoranthene	**560**	**J**	1000	220	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Bis(2-chloroethoxy)methane	ND		1000	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Bis(2-chloroethyl)ether	ND		1000	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Bis(2-ethylhexyl) phthalate	**410**	**J**	1000	220	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Butyl benzyl phthalate	ND		1000	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Caprolactam	ND		1000	230	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Carbazole	ND		1000	200	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Chrysene	**810**	**J**	1000	240	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Dibenz(a,h)anthracene	ND		1000	200	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Di-n-butyl phthalate	ND		1000	220	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Di-n-octyl phthalate	ND		1000	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Dibenzofuran	ND		1000	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Diethyl phthalate	ND		1000	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Dimethyl phthalate	ND		1000	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Fluoranthene	**1500**		1000	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Fluorene	ND		1000	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Hexachlorobenzene	ND		1000	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Hexachlorobutadiene	ND		1000	150	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Hexachlorocyclopentadiene	ND		1900	430	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Hexachloroethane	ND		1000	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Indeno[1,2,3-cd]pyrene	**440**	**J**	1000	150	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Isophorone	ND		1000	200	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
N-Nitrosodi-n-propylamine	ND		1000	220	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
N-Nitrosodiphenylamine	ND		1000	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Naphthalene	ND		1000	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Nitrobenzene	ND		1000	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Pentachlorophenol	ND		1900	320	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Phenanthrene	**600**	**J**	1000	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Phenol	ND		1000	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5
Pyrene	**1000**		1000	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:22	5

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-1 0-2
Lab Sample ID: 480-240098-15
Date Collected: 07/02/26 12:50
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 84.9

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	8400	T J	ug/Kg	☼	3.49	N/A	07/07/26 09:03	07/09/26 06:22	5
3-Eicosene, (E)-	1500	T J N	ug/Kg	☼	13.80	74685-33-9	07/07/26 09:03	07/09/26 06:22	5
Octadecanal	2400	T J N	ug/Kg	☼	14.16	638-66-4	07/07/26 09:03	07/09/26 06:22	5
Nonadecane	1100	T J N	ug/Kg	☼	14.29	629-92-5	07/07/26 09:03	07/09/26 06:22	5
1-Eicosanol	4400	T J N	ug/Kg	☼	14.32	629-96-9	07/07/26 09:03	07/09/26 06:22	5
Oxirane, hexadecyl-	2300	T J N	ug/Kg	☼	14.68	7390-81-0	07/07/26 09:03	07/09/26 06:22	5
Nonacosane	1700	T J N	ug/Kg	☼	14.83	630-03-5	07/07/26 09:03	07/09/26 06:22	5
1-Heneicosyl formate	930	T J N	ug/Kg	☼	14.87	77899-03-7	07/07/26 09:03	07/09/26 06:22	5
Unknown	1400	T J	ug/Kg	☼	15.30	N/A	07/07/26 09:03	07/09/26 06:22	5
.gamma.-Sitosterol	2200	T J N	ug/Kg	☼	15.80	83-47-6	07/07/26 09:03	07/09/26 06:22	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	65		22 - 120	07/07/26 09:03	07/09/26 06:22	5
Phenol-d5 (Surr)	67		23 - 120	07/07/26 09:03	07/09/26 06:22	5
p-Terphenyl-d14 (Surr)	68		28 - 124	07/07/26 09:03	07/09/26 06:22	5
2,4,6-Tribromophenol (Surr)	72		10 - 140	07/07/26 09:03	07/09/26 06:22	5
2-Fluorobiphenyl (Surr)	69		29 - 120	07/07/26 09:03	07/09/26 06:22	5
2-Fluorophenol (Surr)	61		18 - 120	07/07/26 09:03	07/09/26 06:22	5

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		77	15	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
4,4'-DDE	ND		77	16	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
4,4'-DDT	**18**	**J**	77	18	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
beta-BHC	ND		77	14	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
cis-Chlordane	ND		77	38	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
alpha-BHC	ND		77	14	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
Aldrin	ND		77	19	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
delta-BHC	ND		77	14	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
Dieldrin	ND		77	18	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
Endosulfan I	ND		77	15	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
Endosulfan II	ND		77	14	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
Endosulfan sulfate	ND		77	14	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
Endrin	ND		77	15	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
Endrin aldehyde	ND		77	20	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
Endrin ketone	ND		77	19	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
gamma-BHC (Lindane)	ND		77	14	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
trans-Chlordane	ND		77	24	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
Heptachlor	ND		77	17	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
Heptachlor epoxide	ND		77	20	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
Methoxychlor	**24**	**J**	77	16	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20
Toxaphene	ND		770	450	ug/Kg	☼	07/06/26 07:00	07/06/26 16:23	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	S1-	45 - 120	07/06/26 07:00	07/06/26 16:23	20
DCB Decachlorobiphenyl	0	S1-	45 - 120	07/06/26 07:00	07/06/26 16:23	20
Tetrachloro-m-xylene	0	S1-	30 - 124	07/06/26 07:00	07/06/26 16:23	20
Tetrachloro-m-xylene	0	S1-	30 - 124	07/06/26 07:00	07/06/26 16:23	20

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-1 0-2
Lab Sample ID: 480-240098-15
Date Collected: 07/02/26 12:50
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 84.9

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.042	mg/Kg	☼	07/07/26 06:51	07/07/26 22:07	1
PCB-1221	ND		0.21	0.042	mg/Kg	☼	07/07/26 06:51	07/07/26 22:07	1
PCB-1232	ND		0.21	0.042	mg/Kg	☼	07/07/26 06:51	07/07/26 22:07	1
PCB-1242	ND		0.21	0.042	mg/Kg	☼	07/07/26 06:51	07/07/26 22:07	1
PCB-1248	ND		0.21	0.042	mg/Kg	☼	07/07/26 06:51	07/07/26 22:07	1
PCB-1254	ND		0.21	0.10	mg/Kg	☼	07/07/26 06:51	07/07/26 22:07	1
PCB-1260	ND		0.21	0.10	mg/Kg	☼	07/07/26 06:51	07/07/26 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*60 - 154*	*07/07/26 06:51*	*07/07/26 22:07*	*1*
Tetrachloro-m-xylene	*83*		*60 - 154*	*07/07/26 06:51*	*07/07/26 22:07*	*1*
DCB Decachlorobiphenyl	*64*	*S1-*	*65 - 174*	*07/07/26 06:51*	*07/07/26 22:07*	*1*
DCB Decachlorobiphenyl	*65*		*65 - 174*	*07/07/26 06:51*	*07/07/26 22:07*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.33**	**J**	0.38	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluoropentanoic acid (PFPeA)	**0.47**		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorohexanoic acid (PFHxA)	**0.33**		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluoroheptanoic acid (PFHpA)	**0.21**		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorooctanoic acid (PFOA)	**0.71**		0.19	0.057	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorononanoic acid (PFNA)	**0.31**		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorodecanoic acid (PFDA)	**0.39**		0.19	0.057	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluoroundecanoic acid (PFUnA)	**0.13**	**J**	0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorododecanoic acid (PFDoA)	**0.14**	**J**	0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorooctanesulfonic acid (PFOS)	**1.9**		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.19	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.19	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.19	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-1 0-2
Lab Sample ID: 480-240098-15
Date Collected: 07/02/26 12:50
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 84.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/08/26 06:00	07/10/26 09:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*78.3*		*8 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C5 PFPeA	*70.9*		*35 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C5 PFHxA	*71.2*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C4 PFHpA	*74.5*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C8 PFOA	*68.6*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C9 PFNA	*78.7*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C6 PFDA	*76.3*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C7 PFUnA	*73.8*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C2 PFTeDA	*54.3*		*20 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C3 PFBS	*82.8*		*40 - 135*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C3 PFHxS	*79.7*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C8 PFOS	*70.6*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C8 FOSA	*73.9*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
d3-NMeFOSAA	*94.6*		*40 - 135*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
d5-NEtFOSAA	*114*		*40 - 150*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C2 4:2 FTS	*184*	*5+	*40 - 165*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C2 6:2 FTS	*152*		*40 - 215*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C2 8:2 FTS	*128*		*40 - 275*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
13C3 HFPO-DA	*75.6*		*40 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
d7-N-MeFOSE-M	*49.7*		*20 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
d9-N-EtFOSE-M	*45.2*		*15 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*
d5-NEtPFOSA	*56.3*		*10 - 130*	*07/08/26 06:00*	*07/10/26 09:32*	*1*

Client Sample ID: RI-BH-1 0-2

Lab Sample ID: 480-240098-15
Date Collected: 07/02/26 12:50
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 84.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d3-NMePFOSA	67.4		10 - 130	07/08/26 06:00	07/10/26 09:32	1
13C2 PFDoA	63.7		40 - 130	07/08/26 06:00	07/10/26 09:32	1
13C3-PFDoS	58.1		20 - 150	07/08/26 06:00	07/10/26 09:32	1
13C3-3:3 FTCA	78.0		20 - 150	07/08/26 06:00	07/10/26 09:32	1
13C3-5:3 FTCA	72.4		20 - 150	07/08/26 06:00	07/10/26 09:32	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13700		11.5	9.9	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Antimony	ND	^5+	17.2	0.61	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Arsenic	4.7	^5+	2.3	1.0	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Barium	94.8		0.57	0.16	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Beryllium	0.60		0.23	0.046	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Cadmium	0.45	^5+	0.23	0.080	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Calcium	18600		57.4	31.0	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Chromium	18.2		0.57	0.41	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Cobalt	7.0	^5+	0.57	0.11	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Copper	20.4	^5+	1.1	0.65	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Iron	16000		11.5	9.7	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Lead	117		1.1	0.53	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Magnesium	7590		23.0	9.7	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Manganese	318	^2	1.1	0.32	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Nickel	14.3		5.7	0.29	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Potassium	2630	^5+	34.5	27.8	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Selenium	ND	^5+	4.6	0.92	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Silver	0.39	J ^5-	0.69	0.23	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Sodium	175		161	70.4	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Thallium	ND	^5+	6.9	0.87	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Vanadium	26.0		0.57	0.15	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1
Zinc	197		2.3	1.2	mg/Kg	☼	07/06/26 16:06	07/07/26 15:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.024	0.0055	mg/Kg	☼	07/08/26 11:56	07/08/26 16:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	3.1		1.0	0.50	mg/Kg	☼	07/08/26 11:38	07/08/26 16:40	1

Client Sample ID: RI-BH-2 0-2

Lab Sample ID: 480-240098-16
Date Collected: 07/02/26 13:10
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 86.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
1,1,2-Trichloroethane	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
1,1-Dichloroethane	ND	vs	5.7	0.69	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
1,1-Dichloroethene	ND	vs	5.7	0.69	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16
Date Collected: 07/02/26 13:10
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 86.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	vs	5.7	0.34	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
1,2-Dichlorobenzene	ND	vs	5.7	0.44	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
1,2-Dichloroethane	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
1,2-Dichloropropane	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
1,4-Dichlorobenzene	ND	vs	5.7	0.79	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
2-Butanone (MEK)	ND	*+ vs	28	2.1	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Acetone	ND	*+ vs	28	4.8	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Bromoform	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Carbon disulfide	ND	vs	5.7	2.8	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Dibromochloromethane	ND	vs	5.7	0.72	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Chloroform	**1.2**	**J B vs**	5.7	0.35	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Chloromethane	ND	*+ vs	5.7	0.34	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.72	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Cyclohexane	ND	vs	5.7	0.79	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Bromodichloromethane	ND	vs	5.7	0.76	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Isopropylbenzene	ND	vs	5.7	0.85	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Methylcyclohexane	ND	vs	5.7	0.86	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Tetrachloroethene	ND	vs	5.7	0.76	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Toluene	ND	vs	5.7	0.43	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.58	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Trichloroethene	ND	vs	5.7	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Trichlorofluoromethane	ND	vs	5.7	0.53	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Vinyl chloride	ND	vs	5.7	0.69	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Xylenes, Total	ND	vs	11	0.95	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.81	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1
Styrene	ND	vs	5.7	0.28	ug/Kg	☼	07/06/26 18:21	07/07/26 03:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*50*	*T J*	*ug/Kg*	☼	*2.20*	*N/A*	*07/06/26 18:21*	*07/07/26 03:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*07/06/26 18:21*	*07/07/26 03:23*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 126*	*07/06/26 18:21*	*07/07/26 03:23*	*1*
Toluene-d8 (Surr)	*86*		*71 - 125*	*07/06/26 18:21*	*07/07/26 03:23*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16
Date Collected: 07/02/26 13:10
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 86.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*109*		*60 - 140*	*07/06/26 18:21*	*07/07/26 03:23*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		980	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
bis (2-chloroisopropyl) ether	ND		980	200	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2,4,5-Trichlorophenol	ND		980	200	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2,4,6-Trichlorophenol	ND		980	150	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2,4-Dichlorophenol	ND		980	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2,4-Dimethylphenol	ND		980	210	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2,4-Dinitrophenol	ND		9600	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2,4-Dinitrotoluene	ND		980	130	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2,6-Dinitrotoluene	ND		980	140	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2-Chloronaphthalene	ND		980	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
1,4-Dioxane	ND		580	220	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2-Chlorophenol	ND		980	150	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2-Methylphenol	ND		980	160	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2-Methylnaphthalene	ND		980	150	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2-Nitroaniline	ND		1900	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
2-Nitrophenol	ND		980	110	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
3,3'-Dichlorobenzidine	ND		1900	290	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
3-Nitroaniline	ND		1900	140	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
4,6-Dinitro-2-methylphenol	ND		1900	210	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
4-Bromophenyl phenyl ether	ND		980	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
4-Chloro-3-methylphenol	ND		980	200	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
4-Chloroaniline	ND		980	140	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
4-Chlorophenyl phenyl ether	ND		980	210	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
4-Methylphenol	ND		1900	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
4-Nitroaniline	ND		1900	140	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
4-Nitrophenol	ND		1900	270	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Acenaphthene	ND		980	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Acenaphthylene	ND		980	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Acetophenone	ND		980	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Anthracene	ND		980	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Atrazine	ND		980	330	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Benzaldehyde	ND		980	750	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Benzo[a]anthracene	**1200**		980	130	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Benzo[a]pyrene	**1900**		980	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Benzo[b]fluoranthene	**2700**		980	130	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Benzo[g,h,i]perylene	**1500**		980	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Benzo[k]fluoranthene	**1500**		980	220	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Bis(2-chloroethoxy)methane	ND		980	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Bis(2-chloroethyl)ether	ND		980	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Bis(2-ethylhexyl) phthalate	**330**	**J**	980	210	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Butyl benzyl phthalate	ND		980	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Caprolactam	ND		980	230	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Carbazole	**240**	**J**	980	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Chrysene	**1800**		980	240	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Dibenz(a,h)anthracene	**350**	**J**	980	200	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16
Date Collected: 07/02/26 13:10
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 86.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		980	220	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Di-n-octyl phthalate	ND		980	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Dibenzofuran	ND		980	170	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Diethyl phthalate	ND		980	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Dimethyl phthalate	ND		980	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Fluoranthene	**2700**		980	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Fluorene	ND		980	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Hexachlorobenzene	ND		980	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Hexachlorobutadiene	ND		980	150	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Hexachlorocyclopentadiene	ND		1900	430	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Hexachloroethane	ND		980	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Indeno[1,2,3-cd]pyrene	**1300**		980	150	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Isophorone	ND		980	200	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
N-Nitrosodi-n-propylamine	ND		980	220	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
N-Nitrosodiphenylamine	ND		980	160	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Naphthalene	ND		980	160	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Nitrobenzene	ND		980	160	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Pentachlorophenol	ND		1900	310	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Phenanthrene	**610**	**J**	980	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Phenol	ND		980	180	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5
Pyrene	**1800**		980	190	ug/Kg	☼	07/07/26 09:03	07/09/26 06:46	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*8400*	*T J*	*ug/Kg*	☼	*3.49*	*N/A*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
Unknown	*1900*	*T J*	*ug/Kg*	☼	*13.80*	*N/A*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
Oxirane, hexadecyl-	*1700*	*T J N*	*ug/Kg*	☼	*14.16*	*7390-81-0*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
Triacontane	*1700*	*T J N*	*ug/Kg*	☼	*14.29*	*638-68-6*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
Cyclotetracosane	*2700*	*T J N*	*ug/Kg*	☼	*14.32*	*297-03-0*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
Benzo[j]fluoranthene	*1700*	*T J N*	*ug/Kg*	☼	*14.44*	*205-82-3*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
Oxirane, heptadecyl-	*1900*	*T J N*	*ug/Kg*	☼	*14.68*	*67860-04-2*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
Heptadecane, 2,6,10,15-tetramethyl-	*1900*	*T J N*	*ug/Kg*	☼	*14.83*	*54833-48-6*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
Octadecanal	*1200*	*T J N*	*ug/Kg*	☼	*15.30*	*638-66-4*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
.gamma.-Sitosterol	*2000*	*T J N*	*ug/Kg*	☼	*15.80*	*83-47-6*	*07/07/26 09:03*	*07/09/26 06:46*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*68*		*22 - 120*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
Phenol-d5 (Surr)	*66*		*23 - 120*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
p-Terphenyl-d14 (Surr)	*63*		*28 - 124*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 140*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
2-Fluorobiphenyl (Surr)	*67*		*29 - 120*	*07/07/26 09:03*	*07/09/26 06:46*	*5*
2-Fluorophenol (Surr)	*67*		*18 - 120*	*07/07/26 09:03*	*07/09/26 06:46*	*5*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		77	15	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
4,4'-DDE	ND		77	16	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
4,4'-DDT	ND		77	18	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
beta-BHC	ND		77	14	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
cis-Chlordane	ND		77	38	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
alpha-BHC	ND		77	14	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16
Date Collected: 07/02/26 13:10
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 86.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		77	19	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
delta-BHC	ND		77	14	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
Dieldrin	ND		77	19	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
Endosulfan I	ND		77	15	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
Endosulfan II	ND		77	14	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
Endosulfan sulfate	ND		77	14	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
Endrin	ND		77	15	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
Endrin aldehyde	ND		77	20	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
Endrin ketone	ND		77	19	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
gamma-BHC (Lindane)	ND		77	14	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
trans-Chlordane	ND		77	25	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
Heptachlor	ND		77	17	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
Heptachlor epoxide	ND		77	20	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
Methoxychlor	**36**	**J**	77	16	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20
Toxaphene	ND		770	450	ug/Kg	☼	07/06/26 07:00	07/06/26 16:42	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 07:00*	*07/06/26 16:42*	*20*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 07:00*	*07/06/26 16:42*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 16:42*	*20*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 16:42*	*20*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.048	mg/Kg	☼	07/07/26 06:51	07/07/26 22:25	1
PCB-1221	ND		0.25	0.048	mg/Kg	☼	07/07/26 06:51	07/07/26 22:25	1
PCB-1232	ND		0.25	0.048	mg/Kg	☼	07/07/26 06:51	07/07/26 22:25	1
PCB-1242	ND		0.25	0.048	mg/Kg	☼	07/07/26 06:51	07/07/26 22:25	1
PCB-1248	ND		0.25	0.048	mg/Kg	☼	07/07/26 06:51	07/07/26 22:25	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	07/07/26 06:51	07/07/26 22:25	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	07/07/26 06:51	07/07/26 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*60 - 154*	*07/07/26 06:51*	*07/07/26 22:25*	*1*
Tetrachloro-m-xylene	*95*		*60 - 154*	*07/07/26 06:51*	*07/07/26 22:25*	*1*
DCB Decachlorobiphenyl	*82*		*65 - 174*	*07/07/26 06:51*	*07/07/26 22:25*	*1*
DCB Decachlorobiphenyl	*82*		*65 - 174*	*07/07/26 06:51*	*07/07/26 22:25*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.23**	**J F2**	0.40	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluoropentanoic acid (PFPeA)	**0.18**	**J**	0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorohexanoic acid (PFHxA)	**0.14**	**J**	0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorooctanoic acid (PFOA)	**0.29**		0.20	0.059	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorononanoic acid (PFNA)	**0.16**	**J**	0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorodecanoic acid (PFDA)	**0.17**	**J**	0.20	0.059	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16
Date Collected: 07/02/26 13:10
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 86.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorooctanesulfonic acid (PFOS)	**0.66**		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	ng/g	☼	07/08/26 06:00	07/10/26 09:46	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16
Date Collected: 07/02/26 13:10
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 86.2

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	86.2		8 - 130	07/08/26 06:00	07/10/26 09:46	1
13C5 PFPeA	85.6		35 - 130	07/08/26 06:00	07/10/26 09:46	1
13C5 PFHxA	84.4		40 - 130	07/08/26 06:00	07/10/26 09:46	1
13C4 PFHpA	89.1		40 - 130	07/08/26 06:00	07/10/26 09:46	1
13C8 PFOA	85.6		40 - 130	07/08/26 06:00	07/10/26 09:46	1
13C9 PFNA	92.6		40 - 130	07/08/26 06:00	07/10/26 09:46	1
13C6 PFDA	82.8		40 - 130	07/08/26 06:00	07/10/26 09:46	1
13C7 PFUnA	81.3		40 - 130	07/08/26 06:00	07/10/26 09:46	1
13C2 PFTeDA	54.1		20 - 130	07/08/26 06:00	07/10/26 09:46	1
13C3 PFBS	88.4		40 - 135	07/08/26 06:00	07/10/26 09:46	1
13C3 PFHxS	84.7		40 - 130	07/08/26 06:00	07/10/26 09:46	1
13C8 PFOS	76.5		40 - 130	07/08/26 06:00	07/10/26 09:46	1
13C8 FOSA	77.0		40 - 130	07/08/26 06:00	07/10/26 09:46	1
d3-NMeFOSAA	89.0		40 - 135	07/08/26 06:00	07/10/26 09:46	1
d5-NEtFOSAA	121		40 - 150	07/08/26 06:00	07/10/26 09:46	1
13C2 4:2 FTS	172	*5+	40 - 165	07/08/26 06:00	07/10/26 09:46	1
13C2 6:2 FTS	145		40 - 215	07/08/26 06:00	07/10/26 09:46	1
13C2 8:2 FTS	120		40 - 275	07/08/26 06:00	07/10/26 09:46	1
13C3 HFPO-DA	89.9		40 - 130	07/08/26 06:00	07/10/26 09:46	1
d7-N-MeFOSE-M	47.7		20 - 130	07/08/26 06:00	07/10/26 09:46	1
d9-N-EtFOSE-M	40.7		15 - 130	07/08/26 06:00	07/10/26 09:46	1
d5-NEtPFOSA	61.4		10 - 130	07/08/26 06:00	07/10/26 09:46	1
d3-NMePFOSA	75.3		10 - 130	07/08/26 06:00	07/10/26 09:46	1
13C2 PFDoA	69.2		40 - 130	07/08/26 06:00	07/10/26 09:46	1
13C3-PFDoS	56.7		20 - 150	07/08/26 06:00	07/10/26 09:46	1
13C3-3:3 FTCA	94.6		20 - 150	07/08/26 06:00	07/10/26 09:46	1
13C3-5:3 FTCA	81.9		20 - 150	07/08/26 06:00	07/10/26 09:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13500**		11.2	9.6	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Antimony	ND	^5+	16.8	0.59	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Arsenic	**3.2**	**^5+**	2.2	0.99	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Barium	**75.7**		0.56	0.16	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Beryllium	**0.53**		0.22	0.045	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Cadmium	**0.42**	**^5+**	0.22	0.078	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Calcium	**17900**		56.0	30.2	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Chromium	**16.2**		0.56	0.40	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Cobalt	**6.7**	**^5+**	0.56	0.11	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Copper	**16.5**	**^5+**	1.1	0.64	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Iron	**14900**		11.2	9.5	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Lead	**28.1**		1.1	0.51	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Magnesium	**7440**		22.4	9.5	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Manganese	**342**	**^2**	1.1	0.31	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Nickel	**13.0**		5.6	0.28	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Potassium	**2260**	**^5+**	33.6	27.1	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Selenium	ND	^5+	4.5	0.90	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Silver	**0.31**	**J ^5-**	0.67	0.22	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Sodium	**135**	**J**	157	68.6	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Thallium	ND	^5+	6.7	0.85	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1
Vanadium	**25.5**		0.56	0.15	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16
Date Collected: 07/02/26 13:10
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 86.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	130		2.2	1.1	mg/Kg	☼	07/06/26 16:06	07/07/26 15:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044		0.024	0.0056	mg/Kg	☼	07/08/26 11:56	07/08/26 16:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	3.1		1.1	0.56	mg/Kg	☼	07/08/26 11:38	07/08/26 16:40	1

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17
Date Collected: 07/02/26 13:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 93.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.2	0.38	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,1,2,2-Tetrachloroethane	ND	vs	5.2	0.85	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.2	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,1,2-Trichloroethane	ND	vs	5.2	0.68	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,1-Dichloroethane	ND	vs	5.2	0.64	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,1-Dichloroethene	ND	vs	5.2	0.64	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,2,4-Trichlorobenzene	ND	vs	5.2	0.32	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.2	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,2-Dichlorobenzene	ND	vs	5.2	0.41	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,2-Dichloroethane	ND	vs	5.2	0.26	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,2-Dichloropropane	ND	vs	5.2	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,3-Dichlorobenzene	ND	vs	5.2	0.27	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,4-Dichlorobenzene	ND	vs	5.2	0.73	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
2-Butanone (MEK)	ND	*+ vs	26	1.9	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
2-Hexanone	ND	vs	26	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
4-Methyl-2-pentanone (MIBK)	ND	vs	26	1.7	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Acetone	ND	*+ vs	26	4.4	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Benzene	ND	vs	5.2	0.26	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Bromoform	ND	vs	5.2	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Bromomethane	ND	vs	5.2	0.47	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Carbon disulfide	ND	vs	5.2	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Carbon tetrachloride	ND	vs	5.2	0.51	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Chlorobenzene	ND	vs	5.2	0.69	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Dibromochloromethane	ND	vs	5.2	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Chloroethane	ND	vs	5.2	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Chloroform	1.0	J B vs	5.2	0.32	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Chloromethane	ND	*+ vs	5.2	0.32	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
cis-1,2-Dichloroethene	ND	vs	5.2	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Cyclohexane	ND	vs	5.2	0.73	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Bromodichloromethane	ND	vs	5.2	0.70	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Dichlorodifluoromethane	ND	vs	5.2	0.43	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Ethylbenzene	ND	vs	5.2	0.36	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
1,2-Dibromoethane	ND	vs	5.2	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Isopropylbenzene	ND	vs	5.2	0.79	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17

Date Collected: 07/02/26 13:30
Matrix: Solid

Date Received: 07/02/26 16:05
Percent Solids: 93.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND	vs	26	3.2	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Methyl tert-butyl ether	ND	vs	5.2	0.51	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Methylcyclohexane	ND	vs	5.2	0.80	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Methylene Chloride	ND	vs	5.2	2.4	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Tetrachloroethene	ND	vs	5.2	0.70	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Toluene	**0.69**	**J vs**	5.2	0.40	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
trans-1,2-Dichloroethene	ND	vs	5.2	0.54	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
trans-1,3-Dichloropropene	ND	vs	5.2	2.3	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Trichloroethene	ND	vs	5.2	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Trichlorofluoromethane	ND	vs	5.2	0.50	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Vinyl chloride	ND	vs	5.2	0.64	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Xylenes, Total	ND	vs	10	0.88	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
cis-1,3-Dichloropropene	ND	vs	5.2	0.76	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1
Styrene	ND	vs	5.2	0.26	ug/Kg	☼	07/06/26 18:21	07/07/26 03:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/07/26 03:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*07/06/26 18:21*	*07/07/26 03:47*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*	*07/06/26 18:21*	*07/07/26 03:47*	*1*
Toluene-d8 (Surr)	*86*		*71 - 125*	*07/06/26 18:21*	*07/07/26 03:47*	*1*
Dibromofluoromethane (Surr)	*109*		*60 - 140*	*07/06/26 18:21*	*07/07/26 03:47*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
bis (2-chloroisopropyl) ether	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2,4,5-Trichlorophenol	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2,4,6-Trichlorophenol	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2,4-Dichlorophenol	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2,4-Dimethylphenol	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2,4-Dinitrophenol	ND		100000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2,4-Dinitrotoluene	ND		11000	1400	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2,6-Dinitrotoluene	ND		11000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2-Chloronaphthalene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
1,4-Dioxane	ND		6200	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2-Chlorophenol	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2-Methylphenol	ND		11000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2-Methylnaphthalene	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2-Nitroaniline	ND		20000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
2-Nitrophenol	ND		11000	1200	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
3,3'-Dichlorobenzidine	ND		20000	3100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
3-Nitroaniline	ND		20000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
4,6-Dinitro-2-methylphenol	ND		20000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
4-Bromophenyl phenyl ether	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
4-Chloro-3-methylphenol	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
4-Chloroaniline	ND		11000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
4-Chlorophenyl phenyl ether	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
4-Methylphenol	ND		20000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17
Date Collected: 07/02/26 13:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 93.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		20000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
4-Nitrophenol	ND		20000	2900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Acenaphthene	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Acenaphthylene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Acetophenone	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Anthracene	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Atrazine	ND		11000	3500	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Benzaldehyde	ND		11000	8000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Benzo[a]anthracene	**2000**	**J**	11000	1400	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Benzo[a]pyrene	**2100**	**J**	11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Benzo[b]fluoranthene	**2700**	**J**	11000	1400	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Benzo[g,h,i]perylene	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Benzo[k]fluoranthene	ND		11000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Bis(2-chloroethoxy)methane	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Bis(2-chloroethyl)ether	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Bis(2-ethylhexyl) phthalate	ND		11000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Butyl benzyl phthalate	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Caprolactam	ND		11000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Carbazole	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Chrysene	ND		11000	2500	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Dibenz(a,h)anthracene	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Di-n-butyl phthalate	ND		11000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Di-n-octyl phthalate	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Dibenzofuran	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Diethyl phthalate	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Dimethyl phthalate	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Fluoranthene	**4100**	**J**	11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Fluorene	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Hexachlorobenzene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Hexachlorobutadiene	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Hexachlorocyclopentadiene	ND		20000	4600	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Hexachloroethane	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Indeno[1,2,3-cd]pyrene	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Isophorone	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
N-Nitrosodi-n-propylamine	ND		11000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
N-Nitrosodiphenylamine	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Naphthalene	ND		11000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Nitrobenzene	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Pentachlorophenol	ND		20000	3300	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Phenanthrene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Phenol	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20
Pyrene	**3000**	**J**	11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:10	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*18000*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/07/26 09:03*	*07/09/26 07:10*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*93*		*22 - 120*	*07/07/26 09:03*	*07/09/26 07:10*	*20*
Phenol-d5 (Surr)	*83*		*23 - 120*	*07/07/26 09:03*	*07/09/26 07:10*	*20*
p-Terphenyl-d14 (Surr)	*71*		*28 - 124*	*07/07/26 09:03*	*07/09/26 07:10*	*20*

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17
Date Collected: 07/02/26 13:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 93.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 140*	*07/07/26 09:03*	*07/09/26 07:10*	*20*
2-Fluorobiphenyl (Surr)	*71*		*29 - 120*	*07/07/26 09:03*	*07/09/26 07:10*	*20*
2-Fluorophenol (Surr)	*89*		*18 - 120*	*07/07/26 09:03*	*07/09/26 07:10*	*20*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		170	34	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
4,4'-DDE	ND		170	36	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
4,4'-DDT	ND		170	41	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
beta-BHC	ND		170	31	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
cis-Chlordane	ND		170	86	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
alpha-BHC	ND		170	31	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
Aldrin	ND		170	43	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
delta-BHC	ND		170	32	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
Dieldrin	ND		170	42	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
Endosulfan I	ND		170	33	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
Endosulfan II	ND		170	31	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
Endosulfan sulfate	ND		170	32	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
Endrin	ND		170	34	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
Endrin aldehyde	ND		170	44	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
Endrin ketone	ND		170	43	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
gamma-BHC (Lindane)	ND		170	32	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
trans-Chlordane	ND		170	55	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
Heptachlor	ND		170	38	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
Heptachlor epoxide	ND		170	45	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
Methoxychlor	ND		170	35	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50
Toxaphene	ND		1700	1000	ug/Kg	☼	07/06/26 07:00	07/06/26 17:02	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 07:00*	*07/06/26 17:02*	*50*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 07:00*	*07/06/26 17:02*	*50*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 17:02*	*50*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 17:02*	*50*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.040	mg/Kg	☼	07/07/26 06:51	07/07/26 22:44	1
PCB-1221	ND		0.21	0.040	mg/Kg	☼	07/07/26 06:51	07/07/26 22:44	1
PCB-1232	ND		0.21	0.040	mg/Kg	☼	07/07/26 06:51	07/07/26 22:44	1
PCB-1242	ND		0.21	0.040	mg/Kg	☼	07/07/26 06:51	07/07/26 22:44	1
PCB-1248	ND		0.21	0.040	mg/Kg	☼	07/07/26 06:51	07/07/26 22:44	1
PCB-1254	ND		0.21	0.097	mg/Kg	☼	07/07/26 06:51	07/07/26 22:44	1
PCB-1260	ND		0.21	0.097	mg/Kg	☼	07/07/26 06:51	07/07/26 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 154*	*07/07/26 06:51*	*07/07/26 22:44*	*1*
Tetrachloro-m-xylene	*96*		*60 - 154*	*07/07/26 06:51*	*07/07/26 22:44*	*1*
DCB Decachlorobiphenyl	*84*		*65 - 174*	*07/07/26 06:51*	*07/07/26 22:44*	*1*
DCB Decachlorobiphenyl	*85*		*65 - 174*	*07/07/26 06:51*	*07/07/26 22:44*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17
Date Collected: 07/02/26 13:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 93.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.24**	**J**	0.40	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorooctanoic acid (PFOA)	**0.11**	**J**	0.20	0.059	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorooctanesulfonic acid (PFOS)	**0.28**		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17
Date Collected: 07/02/26 13:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 93.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	ng/g	☼	07/08/26 06:00	07/10/26 10:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*69.4*		*8 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C5 PFPeA	*59.5*		*35 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C5 PFHxA	*61.8*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C4 PFHpA	*59.0*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C8 PFOA	*48.4*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C9 PFNA	*69.4*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C6 PFDA	*67.8*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C7 PFUnA	*73.3*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C2 PFTeDA	*53.3*		*20 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C3 PFBS	*71.1*		*40 - 135*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C3 PFHxS	*67.7*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C8 PFOS	*63.3*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C8 FOSA	*64.3*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
d3-NMeFOSAA	*85.4*		*40 - 135*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
d5-NEtFOSAA	*107*		*40 - 150*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C2 4:2 FTS	*178*	**5+*	*40 - 165*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C2 6:2 FTS	*138*		*40 - 215*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C2 8:2 FTS	*122*		*40 - 275*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C3 HFPO-DA	*66.2*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
d7-N-MeFOSE-M	*34.9*		*20 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
d9-N-EtFOSE-M	*29.2*		*15 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
d5-NEtPFOSA	*51.3*		*10 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
d3-NMePFOSA	*57.3*		*10 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C2 PFDoA	*66.1*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C3-PFDoS	*52.8*		*20 - 150*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C3-3:3 FTCA	*68.3*		*20 - 150*	*07/08/26 06:00*	*07/10/26 10:26*	*1*
13C3-5:3 FTCA	*64.4*		*20 - 150*	*07/08/26 06:00*	*07/10/26 10:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7150**		11.3	9.7	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Antimony	ND	^5+	16.9	0.60	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Arsenic	**4.0**	**^5+**	2.3	0.99	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Barium	**57.6**		0.56	0.16	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Beryllium	**0.41**		0.23	0.045	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Cadmium	**0.30**	**^5+**	0.23	0.079	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Calcium	**77100**		56.3	30.4	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Chromium	**12.9**		0.56	0.41	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Cobalt	**4.1**	**^5+**	0.56	0.11	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Copper	**16.5**	**^5+**	1.1	0.64	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1

Client Sample ID: RI-BH-8 0-2

Lab Sample ID: 480-240098-17

Date Collected: 07/02/26 13:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 93.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	10100		11.3	9.6	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Lead	133		1.1	0.52	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Magnesium	13000		22.5	9.6	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Manganese	247	^2	1.1	0.32	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Nickel	11.0		5.6	0.28	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Potassium	2090	^5+	33.8	27.3	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Selenium	ND	^5+	4.5	0.90	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Silver	0.33	J ^5-	0.68	0.23	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Sodium	210		158	69.1	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Thallium	ND	^5+	6.8	0.86	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Vanadium	16.6		0.56	0.15	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1
Zinc	153		2.3	1.1	mg/Kg	☼	07/06/26 16:06	07/07/26 15:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.020	0.0047	mg/Kg	☼	07/08/26 11:56	07/08/26 16:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	1.7		1.0	0.49	mg/Kg	☼	07/08/26 11:38	07/08/26 16:43	1

Client Sample ID: RI-BH-12 0-2

Lab Sample ID: 480-240098-18

Date Collected: 07/02/26 13:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.3	0.38	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,1,2,2-Tetrachloroethane	ND	F1 vs	5.3	0.85	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.3	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,1,2-Trichloroethane	ND	F1 vs	5.3	0.68	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,1-Dichloroethane	ND	vs	5.3	0.64	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,1-Dichloroethene	ND	vs	5.3	0.64	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,2,4-Trichlorobenzene	ND	F1 F2 vs	5.3	0.32	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,2-Dibromo-3-Chloropropane	ND	F1 vs	5.3	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,2-Dichlorobenzene	ND	F1 vs	5.3	0.41	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,2-Dichloroethane	ND	vs	5.3	0.26	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,2-Dichloropropane	ND	vs	5.3	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,3-Dichlorobenzene	ND	F1 vs	5.3	0.27	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,4-Dichlorobenzene	ND	F1 vs	5.3	0.74	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
2-Butanone (MEK)	ND	*+ F1 vs	26	1.9	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
2-Hexanone	ND	F1 vs	26	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	26	1.7	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Acetone	ND	*+ vs	26	4.4	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Benzene	ND	vs	5.3	0.26	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Bromoform	ND	F1 vs	5.3	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Bromomethane	ND	vs	5.3	0.47	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Carbon disulfide	ND	vs	5.3	2.6	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Carbon tetrachloride	ND	vs	5.3	0.51	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Chlorobenzene	ND	F1 vs	5.3	0.69	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18
Date Collected: 07/02/26 13:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND	F1 vs	5.3	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Chloroethane	ND	vs	5.3	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Chloroform	**1.0**	**J B vs**	5.3	0.32	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Chloromethane	ND	*+ F1 vs	5.3	0.32	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
cis-1,2-Dichloroethene	ND	vs	5.3	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Cyclohexane	ND	F1 vs	5.3	0.74	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Bromodichloromethane	ND	vs	5.3	0.70	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Dichlorodifluoromethane	ND	vs	5.3	0.43	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Ethylbenzene	ND	F1 vs	5.3	0.36	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
1,2-Dibromoethane	ND	F1 vs	5.3	0.67	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Isopropylbenzene	ND	F1 vs	5.3	0.79	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Methyl acetate	ND	F1 vs	26	3.2	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Methyl tert-butyl ether	ND	vs	5.3	0.52	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Methylcyclohexane	ND	F1 vs	5.3	0.80	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Methylene Chloride	ND	vs	5.3	2.4	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Tetrachloroethene	ND	F1 vs	5.3	0.71	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Toluene	ND	F1 vs	5.3	0.40	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
trans-1,2-Dichloroethene	ND	vs	5.3	0.54	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
trans-1,3-Dichloropropene	ND	F1 vs	5.3	2.3	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Trichloroethene	ND	vs	5.3	1.2	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Trichlorofluoromethane	ND	vs	5.3	0.50	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Vinyl chloride	ND	vs	5.3	0.64	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Xylenes, Total	ND	F1 vs	11	0.88	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
cis-1,3-Dichloropropene	ND	F1 vs	5.3	0.76	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1
Styrene	ND	F1 vs	5.3	0.26	ug/Kg	☼	07/06/26 18:21	07/07/26 04:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*07/06/26 18:21*	*07/07/26 04:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*07/06/26 18:21*	*07/07/26 04:11*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*	*07/06/26 18:21*	*07/07/26 04:11*	*1*
Toluene-d8 (Surr)	*85*		*71 - 125*	*07/06/26 18:21*	*07/07/26 04:11*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*07/06/26 18:21*	*07/07/26 04:11*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
bis (2-chloroisopropyl) ether	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
2,4,5-Trichlorophenol	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
2,4,6-Trichlorophenol	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
2,4-Dichlorophenol	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
2,4-Dimethylphenol	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
2,4-Dinitrophenol	ND		100000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
2,4-Dinitrotoluene	ND		11000	1400	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
2,6-Dinitrotoluene	ND		11000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
2-Chloronaphthalene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
1,4-Dioxane	ND		6200	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
2-Chlorophenol	ND		11000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
2-Methylphenol	ND		11000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18
Date Collected: 07/02/26 13:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		11000	1700	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
2-Nitroaniline	ND		21000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
2-Nitrophenol	ND		11000	1200	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
3,3'-Dichlorobenzidine	ND		21000	3100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
3-Nitroaniline	ND		21000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
4,6-Dinitro-2-methylphenol	ND		21000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
4-Bromophenyl phenyl ether	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
4-Chloro-3-methylphenol	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
4-Chloroaniline	ND		11000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
4-Chlorophenyl phenyl ether	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
4-Methylphenol	ND		21000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
4-Nitroaniline	ND		21000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
4-Nitrophenol	ND		21000	2900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Acenaphthene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Acenaphthylene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Acetophenone	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Anthracene	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Atrazine	ND		11000	3600	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Benzaldehyde	ND		11000	8000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Benzo[a]anthracene	**2000**	**J**	11000	1500	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Benzo[a]pyrene	**2200**	**J**	11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Benzo[b]fluoranthene	**3200**	**J**	11000	1400	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Benzo[g,h,i]perylene	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Benzo[k]fluoranthene	ND		11000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Bis(2-chloroethoxy)methane	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Bis(2-chloroethyl)ether	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Bis(2-ethylhexyl) phthalate	ND		11000	2300	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Butyl benzyl phthalate	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Caprolactam	ND		11000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Carbazole	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Chrysene	ND		11000	2500	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Dibenz(a,h)anthracene	ND		11000	2100	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Di-n-butyl phthalate	ND		11000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Di-n-octyl phthalate	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Dibenzofuran	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Diethyl phthalate	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Dimethyl phthalate	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Fluoranthene	**4700**	**J**	11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Fluorene	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Hexachlorobenzene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Hexachlorobutadiene	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Hexachlorocyclopentadiene	ND		21000	4600	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Hexachloroethane	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Indeno[1,2,3-cd]pyrene	ND		11000	1600	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Isophorone	ND		11000	2200	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
N-Nitrosodi-n-propylamine	ND		11000	2400	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
N-Nitrosodiphenylamine	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Naphthalene	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Nitrobenzene	ND		11000	1800	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18
Date Collected: 07/02/26 13:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		21000	3400	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Phenanthrene	ND		11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Phenol	ND		11000	1900	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20
Pyrene	**2800**	**J**	11000	2000	ug/Kg	☼	07/07/26 09:03	07/09/26 07:34	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*19000*	*T J*	*ug/Kg*	☼	*3.50*	*N/A*	*07/07/26 09:03*	*07/09/26 07:34*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*101*		*22 - 120*	*07/07/26 09:03*	*07/09/26 07:34*	*20*
Phenol-d5 (Surr)	*79*		*23 - 120*	*07/07/26 09:03*	*07/09/26 07:34*	*20*
p-Terphenyl-d14 (Surr)	*75*		*28 - 124*	*07/07/26 09:03*	*07/09/26 07:34*	*20*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 140*	*07/07/26 09:03*	*07/09/26 07:34*	*20*
2-Fluorobiphenyl (Surr)	*82*		*29 - 120*	*07/07/26 09:03*	*07/09/26 07:34*	*20*
2-Fluorophenol (Surr)	*97*		*18 - 120*	*07/07/26 09:03*	*07/09/26 07:34*	*20*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		170	32	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
4,4'-DDE	ND		170	35	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
4,4'-DDT	ND		170	39	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
beta-BHC	ND		170	30	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
cis-Chlordane	ND		170	83	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
alpha-BHC	ND		170	30	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
Aldrin	ND		170	41	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
delta-BHC	ND		170	31	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
Dieldrin	ND		170	40	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
Endosulfan I	ND		170	32	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
Endosulfan II	ND		170	30	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
Endosulfan sulfate	ND		170	31	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
Endrin	ND		170	33	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
Endrin aldehyde	ND		170	43	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
Endrin ketone	ND		170	41	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
gamma-BHC (Lindane)	ND		170	31	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
trans-Chlordane	ND		170	53	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
Heptachlor	ND		170	36	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
Heptachlor epoxide	ND		170	43	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
Methoxychlor	**35**	**J**	170	34	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50
Toxaphene	ND		1700	970	ug/Kg	☼	07/06/26 07:00	07/06/26 17:22	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 07:00*	*07/06/26 17:22*	*50*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*	*07/06/26 07:00*	*07/06/26 17:22*	*50*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 17:22*	*50*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*	*07/06/26 07:00*	*07/06/26 17:22*	*50*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 23:02	1
PCB-1221	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 23:02	1
PCB-1232	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 23:02	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18
Date Collected: 07/02/26 13:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.9

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 23:02	1
PCB-1248	ND		0.21	0.041	mg/Kg	☼	07/07/26 06:51	07/07/26 23:02	1
PCB-1254	ND		0.21	0.099	mg/Kg	☼	07/07/26 06:51	07/07/26 23:02	1
PCB-1260	ND		0.21	0.099	mg/Kg	☼	07/07/26 06:51	07/07/26 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*105*		*60 - 154*	*07/07/26 06:51*	*07/07/26 23:02*	*1*
Tetrachloro-m-xylene	*96*		*60 - 154*	*07/07/26 06:51*	*07/07/26 23:02*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*07/07/26 06:51*	*07/07/26 23:02*	*1*
DCB Decachlorobiphenyl	*88*		*65 - 174*	*07/07/26 06:51*	*07/07/26 23:02*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.54**		0.38	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluoropentanoic acid (PFPeA)	**0.11**	**J**	0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorohexanoic acid (PFHxA)	**0.11**	**J**	0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluoroheptanoic acid (PFHpA)	**0.11**	**J**	0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorooctanoic acid (PFOA)	**0.24**		0.19	0.058	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorononanoic acid (PFNA)	**0.16**	**J**	0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorodecanoic acid (PFDA)	**0.17**	**J**	0.19	0.058	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluoroundecanoic acid (PFUnA)	**0.19**		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorooctanesulfonic acid (PFOS)	**0.78**		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.19	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.19	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.19	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18
Date Collected: 07/02/26 13:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	ng/g	☼	07/08/26 06:00	07/10/26 10:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*62.6*		*8 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C5 PFPeA	*51.5*		*35 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C5 PFHxA	*52.9*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C4 PFHpA	*56.4*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C8 PFOA	*56.5*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C9 PFNA	*72.2*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C6 PFDA	*67.0*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C7 PFUnA	*68.2*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C2 PFTeDA	*66.0*		*20 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C3 PFBS	*68.4*		*40 - 135*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C3 PFHxS	*65.4*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C8 PFOS	*65.9*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C8 FOSA	*80.7*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
d3-NMeFOSAA	*119*		*40 - 135*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
d5-NEtFOSAA	*123*		*40 - 150*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C2 4:2 FTS	*193*	*5+	*40 - 165*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C2 6:2 FTS	*176*		*40 - 215*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C2 8:2 FTS	*148*		*40 - 275*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C3 HFPO-DA	*60.6*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
d7-N-MeFOSE-M	*55.1*		*20 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
d9-N-EtFOSE-M	*44.8*		*15 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
d5-NEtPFOSA	*51.0*		*10 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
d3-NMePFOSA	*64.8*		*10 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C2 PFDoA	*67.5*		*40 - 130*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C3-PFDoS	*59.9*		*20 - 150*	*07/08/26 06:00*	*07/10/26 10:40*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18
Date Collected: 07/02/26 13:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3-3:3 FTCA	*64.6*		*20 - 150*	*07/08/26 06:00*	*07/10/26 10:40*	*1*
13C3-5:3 FTCA	*64.4*		*20 - 150*	*07/08/26 06:00*	*07/10/26 10:40*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11100**		10.5	9.1	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Antimony	ND	^5+	15.8	0.56	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Arsenic	**6.4**	**^5+**	2.1	0.93	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Barium	**146**		0.53	0.15	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Beryllium	**0.57**		0.21	0.042	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Cadmium	**0.59**	**^5+**	0.21	0.074	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Calcium	**67900**		52.7	28.5	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Chromium	**18.5**		0.53	0.38	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Cobalt	**5.8**	**^5+**	0.53	0.11	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Copper	**26.3**	**^5+**	1.1	0.60	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Iron	**13800**		10.5	8.9	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Lead	**378**		1.1	0.49	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Magnesium	**15700**		21.1	8.9	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Manganese	**334**	**^2**	1.1	0.30	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Nickel	**14.5**		5.3	0.26	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Potassium	**2560**	**^5+**	31.6	25.6	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Selenium	ND	^5+	4.2	0.84	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Silver	**0.42**	**J ^5-**	0.63	0.21	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Sodium	**230**		148	64.7	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Thallium	ND	^5+	6.3	0.80	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Vanadium	**24.5**		0.53	0.14	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1
Zinc	**242**		2.1	1.1	mg/Kg	☼	07/06/26 16:06	07/07/26 15:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.44**		0.020	0.0047	mg/Kg	☼	07/08/26 11:56	07/08/26 16:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**2.2**		1.0	0.49	mg/Kg	☼	07/08/26 11:38	07/08/26 16:43	1

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)	(60-140)
480-240098-10	RI-BH-3 0-2	103	106	85	108
480-240098-11	RI-BH-4 0-2	103	105	85	110
480-240098-12	RI-BH-9 0-2	98	103	84	107
480-240098-13	RI-BH-10 0-2	103	105	87	107
480-240098-14	RI-BH-11 0-2	105	105	85	113
480-240098-15	RI-BH-1 0-2	102	105	86	109
480-240098-16	RI-BH-2 0-2	102	106	86	109
480-240098-17	RI-BH-8 0-2	102	104	86	109
480-240098-18	RI-BH-12 0-2	101	104	85	106
480-240098-18 MS	RI-BH-12 0-2	88	102	89	102
480-240098-18 MSD	RI-BH-12 0-2	89	104	89	104
LCS 480-779978/1-A	Lab Control Sample	97	104	86	106
MB 480-779978/2-A	Method Blank	100	105	86	107

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	PHL	TPHd14	TBP	FBP	2FP
Lab Sample ID	Client Sample ID	(22-120)	(23-120)	(28-124)	(10-140)	(29-120)	(18-120)
480-240098-10	RI-BH-3 0-2	89	86	81	96	82	85
480-240098-11	RI-BH-4 0-2	107	97	81	109	83	101
480-240098-12	RI-BH-9 0-2	98	88	72	105	78	95
480-240098-13	RI-BH-10 0-2	100	86	75	107	79	91
480-240098-14	RI-BH-11 0-2	92	83	68	94	74	88
480-240098-15	RI-BH-1 0-2	65	67	68	72	69	61
480-240098-16	RI-BH-2 0-2	68	66	63	76	67	67
480-240098-17	RI-BH-8 0-2	93	83	71	96	71	89
480-240098-18	RI-BH-12 0-2	101	79	75	100	82	97
LCS 480-780015/2-A	Lab Control Sample	84	80	84	94	85	79
MB 480-780015/1-A	Method Blank	85	82	90	93	85	79

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (45-120)	DCBP2 (45-120)	TCX1 (30-124)	TCX2 (30-124)
480-240098-10	RI-BH-3 0-2	112	520 S1+	0 S1-	0 S1-
480-240098-11	RI-BH-4 0-2	0 S1-	0 S1-	0 S1-	0 S1-
480-240098-11 MS	RI-BH-4 0-2	0 S1-	0 S1-	0 S1-	0 S1-
480-240098-11 MSD	RI-BH-4 0-2	0 S1-	0 S1-	0 S1-	0 S1-
480-240098-12	RI-BH-9 0-2	0 S1-	0 S1-	0 S1-	0 S1-
480-240098-13	RI-BH-10 0-2	0 S1-	0 S1-	0 S1-	0 S1-
480-240098-14	RI-BH-11 0-2	0 S1-	0 S1-	0 S1-	0 S1-
480-240098-15	RI-BH-1 0-2	0 S1-	0 S1-	0 S1-	0 S1-
480-240098-16	RI-BH-2 0-2	0 S1-	0 S1-	0 S1-	0 S1-
480-240098-17	RI-BH-8 0-2	0 S1-	0 S1-	0 S1-	0 S1-
480-240098-18	RI-BH-12 0-2	0 S1-	0 S1-	0 S1-	0 S1-
LCS 480-779889/2-A	Lab Control Sample	86	86	79	64
MB 480-779889/1-A	Method Blank	97	96	101	80

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TCX1 (60-154)	TCX2 (60-154)	DCBP1 (65-174)	DCBP2 (65-174)
480-240098-10	RI-BH-3 0-2	82	92	81	84
480-240098-11	RI-BH-4 0-2	99	90	75	76
480-240098-12	RI-BH-9 0-2	96	89	77	76
480-240098-13	RI-BH-10 0-2	87	83	69	70
480-240098-14	RI-BH-11 0-2	91	87	72	72
480-240098-15	RI-BH-1 0-2	90	83	64 S1-	65
480-240098-16	RI-BH-2 0-2	100	95	82	82
480-240098-17	RI-BH-8 0-2	102	96	84	85
480-240098-18	RI-BH-12 0-2	105	96	87	88
LCS 480-779989/2-A	Lab Control Sample	105	95	100	102
MB 480-779989/1-A	Method Blank	96	92	90	91

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(8-130)	(35-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)
480-240098-10	RI-BH-3 0-2	76.2	69.5	72.0	73.9	80.9	84.3	81.5	81.8
480-240098-11	RI-BH-4 0-2	71.2	57.9	61.6	59.1	64.2	78.6	79.7	81.4
480-240098-12	RI-BH-9 0-2	67.2	61.5	62.8	65.1	61.4	72.4	69.3	71.5
480-240098-13	RI-BH-10 0-2	107	101	104	106	110	114	108	110
480-240098-14	RI-BH-11 0-2	61.5	55.2	58.4	62.2	58.5	70.5	68.6	72.3
480-240098-15	RI-BH-1 0-2	78.3	70.9	71.2	74.5	68.6	78.7	76.3	73.8
480-240098-16	RI-BH-2 0-2	86.2	85.6	84.4	89.1	85.6	92.6	82.8	81.3
480-240098-16 MS	RI-BH-2 0-2	66.2	61.6	61.7	66.2	54.3	72.7	66.9	73.1
480-240098-16 MSD	RI-BH-2 0-2	70.9	66.3	68.4	68.1	69.1	82.1	79.9	80.1
480-240098-17	RI-BH-8 0-2	69.4	59.5	61.8	59.0	48.4	69.4	67.8	73.3
480-240098-18	RI-BH-12 0-2	62.6	51.5	52.9	56.4	56.5	72.2	67.0	68.2
LCS 410-847651/2-A	Lab Control Sample	76.8	79.0	76.6	78.3	77.1	74.2	68.8	71.3
LLCS 410-847651/3-A	Lab Control Sample	81.1	89.3	89.8	91.0	81.0	87.1	80.6	79.2
MB 410-847651/1-A	Method Blank	62.9	63.6	64.0	62.5	54.6	68.5	65.7	70.3

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(20-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-135)	(40-150)	(40-165)
480-240098-10	RI-BH-3 0-2	64.2	80.4	78.6	70.6	83.6	105	135	180 *5+
480-240098-11	RI-BH-4 0-2	77.5	74.9	72.7	72.5	90.3	125	136	204 *5+
480-240098-12	RI-BH-9 0-2	60.9	66.7	65.5	60.0	76.8	87.3	112	144
480-240098-13	RI-BH-10 0-2	85.3	104	104	100	123	144 *5+	174 *5+	254 *5+
480-240098-14	RI-BH-11 0-2	66.2	63.9	63.4	63.2	75.1	93.9	125	147
480-240098-15	RI-BH-1 0-2	54.3	82.8	79.7	70.6	73.9	94.6	114	184 *5+
480-240098-16	RI-BH-2 0-2	54.1	88.4	84.7	76.5	77.0	89.0	121	172 *5+
480-240098-16 MS	RI-BH-2 0-2	61.1	70.8	70.1	65.9	71.2	81.8	111	151
480-240098-16 MSD	RI-BH-2 0-2	65.5	73.7	72.3	71.4	73.3	105	139	171 *5+
480-240098-17	RI-BH-8 0-2	53.3	71.1	67.7	63.3	64.3	85.4	107	178 *5+
480-240098-18	RI-BH-12 0-2	66.0	68.4	65.4	65.9	80.7	119	123	193 *5+
LCS 410-847651/2-A	Lab Control Sample	57.1	82.3	79.3	71.3	62.1	60.2	101	83.4
LLCS 410-847651/3-A	Lab Control Sample	64.8	87.1	83.8	78.6	71.2	65.2	130	92.2
MB 410-847651/1-A	Method Blank	60.7	65.8	66.5	67.8	56.7	57.6	103	68.7

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-215)	(40-275)	(40-130)	(20-130)	(15-130)	(10-130)	(10-130)	(40-130)
480-240098-10	RI-BH-3 0-2	150	133	73.1	51.4	31.1	57.9	71.8	70.6
480-240098-11	RI-BH-4 0-2	176	166	66.8	56.6	42.7	53.8	72.2	74.7
480-240098-12	RI-BH-9 0-2	131	114	64.6	43.0	30.6	52.3	64.8	62.4
480-240098-13	RI-BH-10 0-2	233 *5+	196	107	54.4	43.5	83.7	106	104
480-240098-14	RI-BH-11 0-2	138	127	66.5	65.8	53.1	57.2	67.9	70.4
480-240098-15	RI-BH-1 0-2	152	128	75.6	49.7	45.2	56.3	67.4	63.7
480-240098-16	RI-BH-2 0-2	145	120	89.9	47.7	40.7	61.4	75.3	69.2
480-240098-16 MS	RI-BH-2 0-2	121	106	71.2	52.8	44.4	58.2	68.7	69.5
480-240098-16 MSD	RI-BH-2 0-2	139	131	73.7	44.0	34.2	58.5	71.1	73.7
480-240098-17	RI-BH-8 0-2	138	122	66.2	34.9	29.2	51.3	57.3	66.1
480-240098-18	RI-BH-12 0-2	176	148	60.6	55.1	44.8	51.0	64.8	67.5
LCS 410-847651/2-A	Lab Control Sample	84.5	74.6	77.9	38.9	38.2	47.5	54.3	64.6
LLCS 410-847651/3-A	Lab Control Sample	94.6	82.4	83.8	43.2	39.3	50.1	59.9	71.5
MB 410-847651/1-A	Method Blank	68.2	65.7	60.6	43.2	41.7	43.6	49.9	62.5

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)		
		3C3-PFDoS	C3-3:3 FTCA	C3-5:3 FTCA
Lab Sample ID	Client Sample ID	(20-150)	(20-150)	(20-150)
480-240098-10	RI-BH-3 0-2	59.6	80.5	71.8
480-240098-11	RI-BH-4 0-2	68.1	77.5	81.4
480-240098-12	RI-BH-9 0-2	54.9	63.1	57.1
480-240098-13	RI-BH-10 0-2	78.1	112	103
480-240098-14	RI-BH-11 0-2	62.9	64.2	58.4
480-240098-15	RI-BH-1 0-2	58.1	78.0	72.4
480-240098-16	RI-BH-2 0-2	56.7	94.6	81.9
480-240098-16 MS	RI-BH-2 0-2	62.4	70.4	64.9
480-240098-16 MSD	RI-BH-2 0-2	61.3	79.1	74.2
480-240098-17	RI-BH-8 0-2	52.8	68.3	64.4
480-240098-18	RI-BH-12 0-2	59.9	64.6	64.4
LCS 410-847651/2-A	Lab Control Sample	58.7	85.9	71.7
LLCS 410-847651/3-A	Lab Control Sample	66.1	98.3	84.1
MB 410-847651/1-A	Method Blank	59.5	72.8	59.4

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA
13C3-PFDoS = 13C3-PFDoS
C3-3:3 FTCA = 13C3-3:3 FTCA
C3-5:3 FTCA = 13C3-5:3 FTCA

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-779978/2-A
Matrix: Solid
Analysis Batch: 779982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
2-Hexanone	ND		25	2.5	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Acetone	ND		25	4.2	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Benzene	ND		5.0	0.25	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Bromoform	ND		5.0	2.5	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Bromomethane	ND		5.0	0.45	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Chloroethane	ND		5.0	1.1	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Chloroform	1.02	J	5.0	0.31	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Chloromethane	ND		5.0	0.30	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Cyclohexane	ND		5.0	0.70	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Methyl acetate	ND		25	3.0	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Toluene	ND		5.0	0.38	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Trichloroethene	ND		5.0	1.1	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Xylenes, Total	ND		10	0.84	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		07/06/26 18:21	07/06/26 21:27	1
Styrene	ND		5.0	0.25	ug/Kg		07/06/26 18:21	07/06/26 21:27	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-779978/2-A
Matrix: Solid
Analysis Batch: 779982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779978

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg			N/A	07/06/26 18:21	07/06/26 21:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	07/06/26 18:21	07/06/26 21:27	1
4-Bromofluorobenzene (Surr)	105		72 - 126	07/06/26 18:21	07/06/26 21:27	1
Toluene-d8 (Surr)	86		71 - 125	07/06/26 18:21	07/06/26 21:27	1
Dibromofluoromethane (Surr)	107		60 - 140	07/06/26 18:21	07/06/26 21:27	1

Lab Sample ID: LCS 480-779978/1-A
Matrix: Solid
Analysis Batch: 779982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	57.5		ug/Kg		115	77 - 121
1,1,2,2-Tetrachloroethane	50.0	41.4		ug/Kg		83	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.3		ug/Kg		109	60 - 140
1,1,2-Trichloroethane	50.0	44.8		ug/Kg		90	78 - 122
1,1-Dichloroethane	50.0	56.7		ug/Kg		113	73 - 126
1,1-Dichloroethene	50.0	53.8		ug/Kg		108	59 - 125
1,2,4-Trichlorobenzene	50.0	39.6		ug/Kg		79	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	43.2		ug/Kg		86	63 - 124
1,2-Dichlorobenzene	50.0	39.4		ug/Kg		79	75 - 120
1,2-Dichloroethane	50.0	55.7		ug/Kg		111	77 - 122
1,2-Dichloropropane	50.0	56.8		ug/Kg		114	75 - 124
1,3-Dichlorobenzene	50.0	39.7		ug/Kg		79	74 - 120
1,4-Dichlorobenzene	50.0	39.0		ug/Kg		78	73 - 120
2-Butanone (MEK)	250	341	*+	ug/Kg		136	70 - 134
2-Hexanone	250	247		ug/Kg		99	59 - 130
4-Methyl-2-pentanone (MIBK)	250	240		ug/Kg		96	65 - 133
Acetone	250	350	*+	ug/Kg		140	61 - 137
Benzene	50.0	55.9		ug/Kg		112	79 - 127
Bromoform	50.0	49.7		ug/Kg		99	68 - 126
Bromomethane	50.0	60.0		ug/Kg		120	37 - 149
Carbon disulfide	50.0	54.4		ug/Kg		109	64 - 131
Carbon tetrachloride	50.0	59.8		ug/Kg		120	75 - 135
Chlorobenzene	50.0	43.2		ug/Kg		86	76 - 124
Dibromochloromethane	50.0	47.4		ug/Kg		95	76 - 125
Chloroethane	50.0	59.4		ug/Kg		119	69 - 135
Chloroform	50.0	52.4		ug/Kg		105	80 - 120
Chloromethane	50.0	65.9	*+	ug/Kg		132	63 - 127
cis-1,2-Dichloroethene	50.0	55.2		ug/Kg		110	81 - 120
Cyclohexane	50.0	58.6		ug/Kg		117	65 - 120
Bromodichloromethane	50.0	56.8		ug/Kg		114	80 - 122
Dichlorodifluoromethane	50.0	67.6		ug/Kg		135	57 - 142
Ethylbenzene	50.0	43.2		ug/Kg		86	80 - 120
1,2-Dibromoethane	50.0	44.6		ug/Kg		89	78 - 120
Isopropylbenzene	50.0	41.1		ug/Kg		82	72 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-779978/1-A
Matrix: Solid
Analysis Batch: 779982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	100	115		ug/Kg		115	55 - 136
Methyl tert-butyl ether	50.0	53.4		ug/Kg		107	63 - 125
Methylcyclohexane	50.0	55.9		ug/Kg		112	60 - 140
Methylene Chloride	50.0	58.2		ug/Kg		116	61 - 127
Tetrachloroethene	50.0	42.9		ug/Kg		86	74 - 122
Toluene	50.0	43.3		ug/Kg		87	74 - 128
trans-1,2-Dichloroethene	50.0	55.2		ug/Kg		110	78 - 126
trans-1,3-Dichloropropene	50.0	46.5		ug/Kg		93	73 - 123
Trichloroethene	50.0	54.8		ug/Kg		110	77 - 129
Trichlorofluoromethane	50.0	58.8		ug/Kg		118	65 - 146
Vinyl chloride	50.0	62.8		ug/Kg		126	61 - 133
cis-1,3-Dichloropropene	50.0	59.8		ug/Kg		120	80 - 120
Styrene	50.0	43.6		ug/Kg		87	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 126*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*
Toluene-d8 (Surr)	*86*		*71 - 125*
Dibromofluoromethane (Surr)	*106*		*60 - 140*

Lab Sample ID: 480-240098-18 MS
Matrix: Solid
Analysis Batch: 779982

Client Sample ID: RI-BH-12 0-2
Prep Type: Total/NA
Prep Batch: 779978

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND	vs	52.5	52.1	vs	ug/Kg	☼	99	77 - 121
1,1,2,2-Tetrachloroethane	ND	F1 vs	52.5	28.9	F1 vs	ug/Kg	☼	55	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	52.5	45.8	vs	ug/Kg	☼	87	60 - 140
1,1,2-Trichloroethane	ND	F1 vs	52.5	39.2	F1 vs	ug/Kg	☼	75	78 - 122
1,1-Dichloroethane	ND	vs	52.5	59.2	vs	ug/Kg	☼	113	73 - 126
1,1-Dichloroethene	ND	vs	52.5	51.7	vs	ug/Kg	☼	98	59 - 125
1,2,4-Trichlorobenzene	ND	F1 F2 vs	52.5	11.3	F1 vs	ug/Kg	☼	22	64 - 120
1,2-Dibromo-3-Chloropropane	ND	F1 vs	52.5	21.5	F1 vs	ug/Kg	☼	41	63 - 124
1,2-Dichlorobenzene	ND	F1 vs	52.5	22.6	F1 vs	ug/Kg	☼	43	75 - 120
1,2-Dichloroethane	ND	vs	52.5	54.0	vs	ug/Kg	☼	103	77 - 122
1,2-Dichloropropane	ND	vs	52.5	59.1	vs	ug/Kg	☼	113	75 - 124
1,3-Dichlorobenzene	ND	F1 vs	52.5	23.0	F1 vs	ug/Kg	☼	44	74 - 120
1,4-Dichlorobenzene	ND	F1 vs	52.5	22.7	F1 vs	ug/Kg	☼	43	73 - 120
2-Butanone (MEK)	ND	*+ F1 vs	262	176	F1 vs	ug/Kg	☼	67	70 - 134
2-Hexanone	ND	F1 vs	262	104	F1 vs	ug/Kg	☼	40	59 - 130
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	262	154	F1 vs	ug/Kg	☼	59	65 - 133
Acetone	ND	*+ vs	262	195	vs	ug/Kg	☼	74	61 - 137
Benzene	ND	vs	52.5	54.8	vs	ug/Kg	☼	104	79 - 127
Bromoform	ND	F1 vs	52.5	32.8	F1 vs	ug/Kg	☼	62	68 - 126
Bromomethane	ND	vs	52.5	49.1	vs	ug/Kg	☼	94	37 - 149
Carbon disulfide	ND	vs	52.5	46.3	vs	ug/Kg	☼	88	64 - 131
Carbon tetrachloride	ND	vs	52.5	48.8	vs	ug/Kg	☼	93	75 - 135
Chlorobenzene	ND	F1 vs	52.5	35.6	F1 vs	ug/Kg	☼	68	76 - 124

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-240098-18 MS
Matrix: Solid
Analysis Batch: 779982

Client Sample ID: RI-BH-12 0-2
Prep Type: Total/NA
Prep Batch: 779978

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	ND	F1 vs	52.5	39.1	F1 vs	ug/Kg	☼	75	76 - 125
Chloroethane	ND	vs	52.5	63.6	vs	ug/Kg	☼	121	69 - 135
Chloroform	1.0	J B vs	52.5	55.3	vs	ug/Kg	☼	104	80 - 120
Chloromethane	ND	*+ F1 vs	52.5	71.8	F1 vs	ug/Kg	☼	137	63 - 127
cis-1,2-Dichloroethene	ND	vs	52.5	55.8	vs	ug/Kg	☼	106	80 - 120
Cyclohexane	ND	F1 vs	52.5	39.2	vs	ug/Kg	☼	75	65 - 120
Bromodichloromethane	ND	vs	52.5	54.0	vs	ug/Kg	☼	103	80 - 122
Dichlorodifluoromethane	ND	vs	52.5	68.4	vs	ug/Kg	☼	130	57 - 142
Ethylbenzene	ND	F1 vs	52.5	33.9	F1 vs	ug/Kg	☼	65	80 - 120
1,2-Dibromoethane	ND	F1 vs	52.5	33.9	F1 vs	ug/Kg	☼	65	78 - 120
Isopropylbenzene	ND	F1 vs	52.5	27.5	F1 vs	ug/Kg	☼	52	72 - 120
Methyl acetate	ND	F1 vs	105	33.1	F1 vs	ug/Kg	☼	32	55 - 136
Methyl tert-butyl ether	ND	vs	52.5	52.3	vs	ug/Kg	☼	100	63 - 125
Methylcyclohexane	ND	F1 vs	52.5	28.6	F1 vs	ug/Kg	☼	54	60 - 140
Methylene Chloride	ND	vs	52.5	63.3	vs	ug/Kg	☼	121	61 - 127
Tetrachloroethene	ND	F1 vs	52.5	31.3	F1 vs	ug/Kg	☼	60	74 - 122
Toluene	ND	F1 vs	52.5	39.3	vs	ug/Kg	☼	75	74 - 128
trans-1,2-Dichloroethene	ND	vs	52.5	54.3	vs	ug/Kg	☼	103	78 - 126
trans-1,3-Dichloropropene	ND	F1 vs	52.5	33.6	F1 vs	ug/Kg	☼	64	73 - 123
Trichloroethene	ND	vs	52.5	49.1	vs	ug/Kg	☼	94	77 - 129
Trichlorofluoromethane	ND	vs	52.5	53.5	vs	ug/Kg	☼	102	65 - 146
Vinyl chloride	ND	vs	52.5	64.4	vs	ug/Kg	☼	123	61 - 133
cis-1,3-Dichloropropene	ND	F1 vs	52.5	41.7	F1 vs	ug/Kg	☼	79	80 - 120
Styrene	ND	F1 vs	52.5	32.3	F1 vs	ug/Kg	☼	61	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*64 - 126*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*
Toluene-d8 (Surr)	*89*		*71 - 125*
Dibromofluoromethane (Surr)	*102*		*60 - 140*

Lab Sample ID: 480-240098-18 MSD
Matrix: Solid
Analysis Batch: 779982

Client Sample ID: RI-BH-12 0-2
Prep Type: Total/NA
Prep Batch: 779978

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	vs	51.4	43.9	vs	ug/Kg	☼	85	77 - 121	17	30
1,1,2,2-Tetrachloroethane	ND	F1 vs	51.4	24.4	F1 vs	ug/Kg	☼	47	80 - 120	17	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	51.4	37.5	vs	ug/Kg	☼	73	60 - 140	20	30
1,1,2-Trichloroethane	ND	F1 vs	51.4	34.0	F1 vs	ug/Kg	☼	66	78 - 122	14	30
1,1-Dichloroethane	ND	vs	51.4	51.9	vs	ug/Kg	☼	101	73 - 126	13	30
1,1-Dichloroethene	ND	vs	51.4	43.1	vs	ug/Kg	☼	84	59 - 125	18	30
1,2,4-Trichlorobenzene	ND	F1 F2 vs	51.4	8.03	F2 F1 vs	ug/Kg	☼	16	64 - 120	34	30
1,2-Dibromo-3-Chloropropane	ND	F1 vs	51.4	18.6	F1 vs	ug/Kg	☼	36	63 - 124	14	30
1,2-Dichlorobenzene	ND	F1 vs	51.4	17.2	F1 vs	ug/Kg	☼	33	75 - 120	27	30
1,2-Dichloroethane	ND	vs	51.4	46.6	vs	ug/Kg	☼	91	77 - 122	15	30
1,2-Dichloropropane	ND	vs	51.4	49.5	vs	ug/Kg	☼	96	75 - 124	18	30
1,3-Dichlorobenzene	ND	F1 vs	51.4	17.6	F1 vs	ug/Kg	☼	34	74 - 120	27	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-240098-18 MSD
Matrix: Solid
Analysis Batch: 779982

Client Sample ID: RI-BH-12 0-2
Prep Type: Total/NA
Prep Batch: 779978

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	ND	F1 vs	51.4	17.2	F1 vs	ug/Kg	☼	33	73 - 120	28	30
2-Butanone (MEK)	ND	*+ F1 vs	257	156	F1 vs	ug/Kg	☼	61	70 - 134	12	30
2-Hexanone	ND	F1 vs	257	88.9	F1 vs	ug/Kg	☼	35	59 - 130	16	30
4-Methyl-2-pentanone (MIBK)	ND	F1 vs	257	137	F1 vs	ug/Kg	☼	53	65 - 133	12	30
Acetone	ND	*+ vs	257	175	vs	ug/Kg	☼	68	61 - 137	11	30
Benzene	ND	vs	51.4	45.8	vs	ug/Kg	☼	89	79 - 127	18	30
Bromoform	ND	F1 vs	51.4	27.2	F1 vs	ug/Kg	☼	53	68 - 126	19	30
Bromomethane	ND	vs	51.4	40.5	vs	ug/Kg	☼	79	37 - 149	19	30
Carbon disulfide	ND	vs	51.4	38.9	vs	ug/Kg	☼	76	64 - 131	17	30
Carbon tetrachloride	ND	vs	51.4	40.3	vs	ug/Kg	☼	78	75 - 135	19	30
Chlorobenzene	ND	F1 vs	51.4	28.3	F1 vs	ug/Kg	☼	55	76 - 124	23	30
Dibromochloromethane	ND	F1 vs	51.4	33.1	F1 vs	ug/Kg	☼	64	76 - 125	17	30
Chloroethane	ND	vs	51.4	56.0	vs	ug/Kg	☼	109	69 - 135	13	30
Chloroform	1.0	J B vs	51.4	47.9	vs	ug/Kg	☼	91	80 - 120	15	30
Chloromethane	ND	*+ F1 vs	51.4	61.6	vs	ug/Kg	☼	120	63 - 127	15	30
cis-1,2-Dichloroethene	ND	vs	51.4	48.7	vs	ug/Kg	☼	95	80 - 120	14	30
Cyclohexane	ND	F1 vs	51.4	31.6	F1 vs	ug/Kg	☼	61	65 - 120	22	30
Bromodichloromethane	ND	vs	51.4	45.4	vs	ug/Kg	☼	88	80 - 122	17	30
Dichlorodifluoromethane	ND	vs	51.4	59.3	vs	ug/Kg	☼	115	57 - 142	14	30
Ethylbenzene	ND	F1 vs	51.4	26.6	F1 vs	ug/Kg	☼	52	80 - 120	24	30
1,2-Dibromoethane	ND	F1 vs	51.4	28.2	F1 vs	ug/Kg	☼	55	78 - 120	18	30
Isopropylbenzene	ND	F1 vs	51.4	21.0	F1 vs	ug/Kg	☼	41	72 - 120	27	30
Methyl acetate	ND	F1 vs	103	25.8	J F1 vs	ug/Kg	☼	25	55 - 136	25	30
Methyl tert-butyl ether	ND	vs	51.4	48.1	vs	ug/Kg	☼	93	63 - 125	8	30
Methylcyclohexane	ND	F1 vs	51.4	21.2	F1 vs	ug/Kg	☼	41	60 - 140	30	30
Methylene Chloride	ND	vs	51.4	57.4	vs	ug/Kg	☼	112	61 - 127	10	30
Tetrachloroethene	ND	F1 vs	51.4	23.5	F1 vs	ug/Kg	☼	46	74 - 122	29	30
Toluene	ND	F1 vs	51.4	32.0	F1 vs	ug/Kg	☼	62	74 - 128	20	30
trans-1,2-Dichloroethene	ND	vs	51.4	45.1	vs	ug/Kg	☼	88	78 - 126	18	30
trans-1,3-Dichloropropene	ND	F1 vs	51.4	27.5	F1 vs	ug/Kg	☼	53	73 - 123	20	30
Trichloroethene	ND	vs	51.4	39.5	vs	ug/Kg	☼	77	77 - 129	22	30
Trichlorofluoromethane	ND	vs	51.4	45.4	vs	ug/Kg	☼	88	65 - 146	16	30
Vinyl chloride	ND	vs	51.4	55.5	vs	ug/Kg	☼	108	61 - 133	15	30
cis-1,3-Dichloropropene	ND	F1 vs	51.4	33.5	F1 vs	ug/Kg	☼	65	80 - 120	22	30
Styrene	ND	F1 vs	51.4	25.5	F1 vs	ug/Kg	☼	49	80 - 120	24	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*64 - 126*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*
Toluene-d8 (Surr)	*89*		*71 - 125*
Dibromofluoromethane (Surr)	*104*		*60 - 140*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-780015/1-A
Matrix: Solid
Analysis Batch: 780139

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780015

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	32	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
bis (2-chloroisopropyl) ether	ND		170	35	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2,4,5-Trichlorophenol	ND		170	34	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2,4,6-Trichlorophenol	ND		170	26	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2,4-Dichlorophenol	ND		170	33	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2,4-Dimethylphenol	ND		170	36	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2,4-Dinitrophenol	ND		1700	32	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2,4-Dinitrotoluene	ND		170	23	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2,6-Dinitrotoluene	ND		170	24	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2-Chloronaphthalene	ND		170	32	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
1,4-Dioxane	ND		100	37	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2-Chlorophenol	ND		170	27	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2-Methylphenol	ND		170	27	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2-Methylnaphthalene	ND		170	27	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2-Nitroaniline	ND		330	29	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
2-Nitrophenol	ND		170	19	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
3,3'-Dichlorobenzidine	ND		330	50	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
3-Nitroaniline	ND		330	24	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
4,6-Dinitro-2-methylphenol	ND		330	37	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
4-Bromophenyl phenyl ether	ND		170	29	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
4-Chloro-3-methylphenol	ND		170	35	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
4-Chloroaniline	ND		170	24	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
4-Chlorophenyl phenyl ether	ND		170	36	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
4-Methylphenol	ND		330	30	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
4-Nitroaniline	ND		330	25	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
4-Nitrophenol	ND		330	46	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Acenaphthene	ND		170	31	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Acenaphthylene	ND		170	33	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Acetophenone	ND		170	30	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Anthracene	ND		170	31	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Atrazine	ND		170	57	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Benzaldehyde	ND		170	130	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Benzo[a]anthracene	ND		170	23	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Benzo[a]pyrene	ND		170	29	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Benzo[b]fluoranthene	ND		170	23	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Benzo[g,h,i]perylene	ND		170	30	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Benzo[k]fluoranthene	ND		170	38	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Bis(2-chloroethoxy)methane	ND		170	32	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Bis(2-chloroethyl)ether	ND		170	32	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Bis(2-ethylhexyl) phthalate	ND		170	37	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Butyl benzyl phthalate	ND		170	31	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Caprolactam	ND		170	39	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Carbazole	ND		170	33	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Chrysene	ND		170	41	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Dibenz(a,h)anthracene	ND		170	34	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Di-n-butyl phthalate	ND		170	38	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Di-n-octyl phthalate	ND		170	32	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Dibenzofuran	ND		170	30	ug/Kg		07/07/26 09:03	07/08/26 23:59	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-780015/1-A
Matrix: Solid
Analysis Batch: 780139

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780015

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		170	30	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Dimethyl phthalate	ND		170	33	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Fluoranthene	ND		170	31	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Fluorene	ND		170	31	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Hexachlorobenzene	ND		170	33	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Hexachlorobutadiene	ND		170	25	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Hexachlorocyclopentadiene	ND		330	74	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Hexachloroethane	ND		170	31	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Indeno[1,2,3-cd]pyrene	ND		170	25	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Isophorone	ND		170	35	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
N-Nitrosodi-n-propylamine	ND		170	38	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
N-Nitrosodiphenylamine	ND		170	28	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Naphthalene	ND		170	28	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Nitrobenzene	ND		170	28	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Pentachlorophenol	ND		330	54	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Phenanthrene	ND		170	32	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Phenol	ND		170	31	ug/Kg		07/07/26 09:03	07/08/26 23:59	1
Pyrene	ND		170	32	ug/Kg		07/07/26 09:03	07/08/26 23:59	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
3-Penten-2-one, 4-methyl-	*506*	*T J N*	*ug/Kg*		*2.80*	*141-79-7*	*07/07/26 09:03*	*07/08/26 23:59*	*1*
Unknown	*10700*	*T J*	*ug/Kg*		*3.50*	*N/A*	*07/07/26 09:03*	*07/08/26 23:59*	*1*

Surrogate	*%Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*85*		*22 - 120*	*07/07/26 09:03*	*07/08/26 23:59*	*1*
Phenol-d5 (Surr)	*82*		*23 - 120*	*07/07/26 09:03*	*07/08/26 23:59*	*1*
p-Terphenyl-d14 (Surr)	*90*		*28 - 124*	*07/07/26 09:03*	*07/08/26 23:59*	*1*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 140*	*07/07/26 09:03*	*07/08/26 23:59*	*1*
2-Fluorobiphenyl (Surr)	*85*		*29 - 120*	*07/07/26 09:03*	*07/08/26 23:59*	*1*
2-Fluorophenol (Surr)	*79*		*18 - 120*	*07/07/26 09:03*	*07/08/26 23:59*	*1*

Lab Sample ID: LCS 480-780015/2-A
Matrix: Solid
Analysis Batch: 780139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780015

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	2670	2140		ug/Kg		80	47 - 120
bis (2-chloroisopropyl) ether	2670	1920		ug/Kg		72	31 - 120
2,4,5-Trichlorophenol	2670	2210		ug/Kg		83	52 - 120
2,4,6-Trichlorophenol	2670	2220		ug/Kg		83	51 - 120
2,4-Dichlorophenol	2670	2060		ug/Kg		77	44 - 120
2,4-Dimethylphenol	2670	2110		ug/Kg		79	48 - 120
2,4-Dinitrophenol	5330	5350		ug/Kg		100	28 - 120
2,4-Dinitrotoluene	2670	2470		ug/Kg		93	55 - 125
2,6-Dinitrotoluene	2670	2380		ug/Kg		89	51 - 125
2-Chloronaphthalene	2670	2180		ug/Kg		82	46 - 120
1,4-Dioxane	2670	1400		ug/Kg		53	22 - 120
2-Chlorophenol	2670	2070		ug/Kg		78	40 - 120

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-780015/2-A
Matrix: Solid
Analysis Batch: 780139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780015

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	2670	2000		ug/Kg		75	41 - 120
2-Methylnaphthalene	2670	2080		ug/Kg		78	45 - 120
2-Nitroaniline	2670	2290		ug/Kg		86	51 - 125
2-Nitrophenol	2670	2340		ug/Kg		88	43 - 120
3,3'-Dichlorobenzidine	2670	1950		ug/Kg		73	10 - 120
3-Nitroaniline	2670	2010		ug/Kg		76	33 - 120
4,6-Dinitro-2-methylphenol	5330	5480		ug/Kg		103	49 - 126
4-Bromophenyl phenyl ether	2670	2220		ug/Kg		83	55 - 123
4-Chloro-3-methylphenol	2670	2120		ug/Kg		79	54 - 120
4-Chloroaniline	2670	1630		ug/Kg		61	20 - 120
4-Chlorophenyl phenyl ether	2670	2210		ug/Kg		83	54 - 120
4-Methylphenol	2670	2040		ug/Kg		77	43 - 120
4-Nitroaniline	2670	2230		ug/Kg		84	54 - 120
4-Nitrophenol	5330	4910		ug/Kg		92	47 - 120
Acenaphthene	2670	2140		ug/Kg		80	49 - 121
Acenaphthylene	2670	2110		ug/Kg		79	49 - 120
Acetophenone	2670	2040		ug/Kg		77	39 - 120
Anthracene	2670	2240		ug/Kg		84	57 - 120
Atrazine	2670	2660		ug/Kg		100	44 - 120
Benzaldehyde	2670	2040		ug/Kg		76	10 - 120
Benzo[a]anthracene	2670	2240		ug/Kg		84	58 - 120
Benzo[a]pyrene	2670	2270		ug/Kg		85	59 - 122
Benzo[b]fluoranthene	2670	2080		ug/Kg		78	56 - 120
Benzo[g,h,i]perylene	2670	2510		ug/Kg		94	56 - 132
Benzo[k]fluoranthene	2670	2190		ug/Kg		82	59 - 127
Bis(2-chloroethoxy)methane	2670	2050		ug/Kg		77	42 - 120
Bis(2-chloroethyl)ether	2670	2000		ug/Kg		75	34 - 120
Bis(2-ethylhexyl) phthalate	2670	2090		ug/Kg		78	49 - 130
Butyl benzyl phthalate	2670	2090		ug/Kg		78	50 - 122
Caprolactam	2670	2330		ug/Kg		87	10 - 120
Carbazole	2670	2370		ug/Kg		89	58 - 124
Chrysene	2670	2130		ug/Kg		80	57 - 120
Dibenz(a,h)anthracene	2670	2560		ug/Kg		96	53 - 124
Di-n-butyl phthalate	2670	2190		ug/Kg		82	49 - 120
Di-n-octyl phthalate	2670	2240		ug/Kg		84	42 - 125
Dibenzofuran	2670	2190		ug/Kg		82	53 - 120
Diethyl phthalate	2670	2200		ug/Kg		82	54 - 120
Dimethyl phthalate	2670	2220		ug/Kg		83	53 - 120
Fluoranthene	2670	2400		ug/Kg		90	57 - 121
Fluorene	2670	2240		ug/Kg		84	55 - 121
Hexachlorobenzene	2670	2250		ug/Kg		84	56 - 120
Hexachlorobutadiene	2670	2050		ug/Kg		77	40 - 120
Hexachlorocyclopentadiene	2670	1370		ug/Kg		51	30 - 125
Hexachloroethane	2670	1920		ug/Kg		72	34 - 120
Indeno[1,2,3-cd]pyrene	2670	2560		ug/Kg		96	53 - 125
Isophorone	2670	2110		ug/Kg		79	46 - 120
N-Nitrosodi-n-propylamine	2670	2050		ug/Kg		77	41 - 120
N-Nitrosodiphenylamine	2670	2210		ug/Kg		83	57 - 126
Naphthalene	2670	2020		ug/Kg		76	43 - 120

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-780015/2-A
Matrix: Solid
Analysis Batch: 780139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780015

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrobenzene			2670	2150		ug/Kg		81	40 - 120		
Pentachlorophenol			5330	4660		ug/Kg		87	10 - 124		
Phenanthrene			2670	2190		ug/Kg		82	57 - 120		
Phenol			2670	2040		ug/Kg		76	37 - 120		
Pyrene			2670	2100		ug/Kg		79	59 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*84*		*22 - 120*
Phenol-d5 (Surr)	*80*		*23 - 120*
p-Terphenyl-d14 (Surr)	*84*		*28 - 124*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 140*
2-Fluorobiphenyl (Surr)	*85*		*29 - 120*
2-Fluorophenol (Surr)	*79*		*18 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-779889/1-A
Matrix: Solid
Analysis Batch: 779937

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		3.3	0.65	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
4,4'-DDE	ND		3.3	0.70	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
4,4'-DDT	ND		3.3	0.78	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
beta-BHC	ND		3.3	0.60	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
cis-Chlordane	ND		3.3	1.7	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
alpha-BHC	ND		3.3	0.60	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
Aldrin	ND		3.3	0.82	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
delta-BHC	ND		3.3	0.62	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
Dieldrin	ND		3.3	0.80	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
Endosulfan I	ND		3.3	0.64	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
Endosulfan II	ND		3.3	0.60	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
Endosulfan sulfate	ND		3.3	0.62	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
Endrin	ND		3.3	0.66	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
Endrin aldehyde	ND		3.3	0.85	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
Endrin ketone	ND		3.3	0.82	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
gamma-BHC (Lindane)	ND		3.3	0.61	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
trans-Chlordane	ND		3.3	1.1	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
Heptachlor	ND		3.3	0.72	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
Heptachlor epoxide	ND		3.3	0.86	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
Methoxychlor	ND		3.3	0.68	ug/Kg		07/06/26 07:00	07/06/26 13:26	1
Toxaphene	ND		33	19	ug/Kg		07/06/26 07:00	07/06/26 13:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*45 - 120*	*07/06/26 07:00*	*07/06/26 13:26*	*1*
DCB Decachlorobiphenyl	*96*		*45 - 120*	*07/06/26 07:00*	*07/06/26 13:26*	*1*
Tetrachloro-m-xylene	*101*		*30 - 124*	*07/06/26 07:00*	*07/06/26 13:26*	*1*
Tetrachloro-m-xylene	*80*		*30 - 124*	*07/06/26 07:00*	*07/06/26 13:26*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-779889/2-A
Matrix: Solid
Analysis Batch: 779937

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779889

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			33.3	29.8		ug/Kg		89	56 - 120		
4,4'-DDE			33.3	28.3		ug/Kg		85	44 - 120		
4,4'-DDT			33.3	27.6		ug/Kg		83	38 - 120		
beta-BHC			33.3	23.8		ug/Kg		71	40 - 120		
cis-Chlordane			33.3	30.1		ug/Kg		90	47 - 120		
alpha-BHC			33.3	24.3		ug/Kg		73	39 - 120		
Aldrin			33.3	25.2		ug/Kg		76	38 - 120		
delta-BHC			33.3	25.7		ug/Kg		77	45 - 120		
Dieldrin			33.3	27.9		ug/Kg		84	58 - 120		
Endosulfan I			33.3	26.8		ug/Kg		80	49 - 120		
Endosulfan II			33.3	27.8		ug/Kg		83	55 - 120		
Endosulfan sulfate			33.3	18.5		ug/Kg		56	49 - 124		
Endrin			33.3	27.2		ug/Kg		82	58 - 120		
Endrin aldehyde			33.3	22.6		ug/Kg		68	37 - 121		
Endrin ketone			33.3	24.6		ug/Kg		74	46 - 123		
gamma-BHC (Lindane)			33.3	22.5		ug/Kg		68	50 - 120		
trans-Chlordane			33.3	27.6		ug/Kg		83	48 - 120		
Heptachlor			33.3	24.8		ug/Kg		75	50 - 120		
Heptachlor epoxide			33.3	27.8		ug/Kg		83	50 - 120		
Methoxychlor			33.3	27.2		ug/Kg		82	58 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*86*		*45 - 120*
DCB Decachlorobiphenyl	*86*		*45 - 120*
Tetrachloro-m-xylene	*79*		*30 - 124*
Tetrachloro-m-xylene	*64*		*30 - 124*

Lab Sample ID: 480-240098-11 MS
Matrix: Solid
Analysis Batch: 779937

Client Sample ID: RI-BH-4 0-2
Prep Type: Total/NA
Prep Batch: 779889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD	ND	F1	34.3	44.8	J F1	ug/Kg	☼	131	37 - 126		
4,4'-DDE	ND		34.3	ND		ug/Kg	☼	NC	34 - 120		
4,4'-DDT	ND		34.3	46.7	J	ug/Kg	☼	NC	43 - 123		
beta-BHC	ND	F1	34.3	ND	F1	ug/Kg	☼	0	36 - 120		
cis-Chlordane	ND		34.3	ND		ug/Kg	☼	NC	35 - 120		
alpha-BHC	ND	F1	34.3	44.2	J F1	ug/Kg	☼	129	39 - 120		
Aldrin	ND		34.3	ND		ug/Kg	☼	NC	37 - 125		
delta-BHC	ND		34.3	39.0	J	ug/Kg	☼	114	34 - 120		
Dieldrin	ND		34.3	ND		ug/Kg	☼	NC	45 - 120		
Endosulfan I	ND	F1	34.3	ND	F1	ug/Kg	☼	0	39 - 120		
Endosulfan II	ND	F1	34.3	ND	F1	ug/Kg	☼	0	34 - 126		
Endosulfan sulfate	ND	F1	34.3	ND	F1	ug/Kg	☼	0	27 - 130		
Endrin	ND	F1	34.3	ND	F1	ug/Kg	☼	0	47 - 121		
Endrin aldehyde	ND		34.3	ND		ug/Kg	☼	NC	33 - 123		
Endrin ketone	ND		34.3	ND		ug/Kg	☼	NC	43 - 126		
gamma-BHC (Lindane)	ND		34.3	40.3	J	ug/Kg	☼	117	50 - 120		

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-240098-11 MS
Matrix: Solid
Analysis Batch: 779937

Client Sample ID: RI-BH-4 0-2
Prep Type: Total/NA
Prep Batch: 779889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
trans-Chlordane	ND		34.3	ND		ug/Kg	☼	NC	31 - 120
Heptachlor	ND		34.3	ND		ug/Kg	☼	NC	42 - 120
Heptachlor epoxide	ND		34.3	ND		ug/Kg	☼	NC	40 - 120
Methoxychlor	ND		34.3	39.7	J	ug/Kg	☼	NC	44 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*

Lab Sample ID: 480-240098-11 MSD
Matrix: Solid
Analysis Batch: 779937

Client Sample ID: RI-BH-4 0-2
Prep Type: Total/NA
Prep Batch: 779889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND	F1	34.9	ND	F1	ug/Kg	☼	0	37 - 126	NC	21
4,4'-DDE	ND		34.9	ND		ug/Kg	☼	NC	34 - 120	NC	18
4,4'-DDT	ND		34.9	48.4	J	ug/Kg	☼	NC	43 - 123	3	25
beta-BHC	ND	F1	34.9	ND	F1	ug/Kg	☼	0	36 - 120	NC	19
cis-Chlordane	ND		34.9	ND		ug/Kg	☼	NC	35 - 120	NC	23
alpha-BHC	ND	F1	34.9	43.1	J F1	ug/Kg	☼	124	39 - 120	3	15
Aldrin	ND		34.9	ND		ug/Kg	☼	NC	37 - 125	NC	12
delta-BHC	ND		34.9	37.5	J	ug/Kg	☼	108	34 - 120	4	14
Dieldrin	ND		34.9	ND		ug/Kg	☼	NC	45 - 120	NC	12
Endosulfan I	ND	F1	34.9	ND	F1	ug/Kg	☼	0	39 - 120	NC	18
Endosulfan II	ND	F1	34.9	ND	F1	ug/Kg	☼	0	34 - 126	NC	26
Endosulfan sulfate	ND	F1	34.9	ND	F1	ug/Kg	☼	0	27 - 130	NC	35
Endrin	ND	F1	34.9	ND		ug/Kg	☼	NC	47 - 121	NC	20
Endrin aldehyde	ND		34.9	ND		ug/Kg	☼	NC	33 - 123	NC	47
Endrin ketone	ND		34.9	ND		ug/Kg	☼	NC	43 - 126	NC	37
gamma-BHC (Lindane)	ND		34.9	37.5	J	ug/Kg	☼	108	50 - 120	7	12
trans-Chlordane	ND		34.9	ND		ug/Kg	☼	NC	31 - 120	NC	15
Heptachlor	ND		34.9	ND		ug/Kg	☼	NC	42 - 120	NC	22
Heptachlor epoxide	ND		34.9	ND		ug/Kg	☼	NC	40 - 120	NC	15
Methoxychlor	ND		34.9	38.9	J	ug/Kg	☼	NC	44 - 150	2	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*
DCB Decachlorobiphenyl	*0*	*S1-*	*45 - 120*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 124*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-779989/1-A
Matrix: Solid
Analysis Batch: 780037

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779989

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg		07/07/26 06:51	07/07/26 17:31	1
PCB-1221	ND		0.25	0.049	mg/Kg		07/07/26 06:51	07/07/26 17:31	1
PCB-1232	ND		0.25	0.049	mg/Kg		07/07/26 06:51	07/07/26 17:31	1
PCB-1242	ND		0.25	0.049	mg/Kg		07/07/26 06:51	07/07/26 17:31	1
PCB-1248	ND		0.25	0.049	mg/Kg		07/07/26 06:51	07/07/26 17:31	1
PCB-1254	ND		0.25	0.12	mg/Kg		07/07/26 06:51	07/07/26 17:31	1
PCB-1260	ND		0.25	0.12	mg/Kg		07/07/26 06:51	07/07/26 17:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*60 - 154*	*07/07/26 06:51*	*07/07/26 17:31*	*1*
Tetrachloro-m-xylene	*92*		*60 - 154*	*07/07/26 06:51*	*07/07/26 17:31*	*1*
DCB Decachlorobiphenyl	*90*		*65 - 174*	*07/07/26 06:51*	*07/07/26 17:31*	*1*
DCB Decachlorobiphenyl	*91*		*65 - 174*	*07/07/26 06:51*	*07/07/26 17:31*	*1*

Lab Sample ID: LCS 480-779989/2-A
Matrix: Solid
Analysis Batch: 780037

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779989

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			2.50	2.61		mg/Kg		105	51 - 185		
PCB-1260			2.50	2.48		mg/Kg		99	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*105*		*60 - 154*
Tetrachloro-m-xylene	*95*		*60 - 154*
DCB Decachlorobiphenyl	*100*		*65 - 174*
DCB Decachlorobiphenyl	*102*		*65 - 174*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-847651/1-A
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 847651

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-847651/1-A
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 847651

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g		07/08/26 05:59	07/10/26 04:34	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g		07/08/26 05:59	07/10/26 04:34	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g		07/08/26 05:59	07/10/26 04:34	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g		07/08/26 05:59	07/10/26 04:34	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g		07/08/26 05:59	07/10/26 04:34	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		07/08/26 05:59	07/10/26 04:34	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		07/08/26 05:59	07/10/26 04:34	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g		07/08/26 05:59	07/10/26 04:34	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*62.9*		*8 - 130*	*07/08/26 05:59*	*07/10/26 04:34*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-847651/1-A
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 847651

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFPeA	63.6		35 - 130	07/08/26 05:59	07/10/26 04:34	1
13C5 PFHxA	64.0		40 - 130	07/08/26 05:59	07/10/26 04:34	1
13C4 PFHpA	62.5		40 - 130	07/08/26 05:59	07/10/26 04:34	1
13C8 PFOA	54.6		40 - 130	07/08/26 05:59	07/10/26 04:34	1
13C9 PFNA	68.5		40 - 130	07/08/26 05:59	07/10/26 04:34	1
13C6 PFDA	65.7		40 - 130	07/08/26 05:59	07/10/26 04:34	1
13C7 PFUnA	70.3		40 - 130	07/08/26 05:59	07/10/26 04:34	1
13C2 PFTeDA	60.7		20 - 130	07/08/26 05:59	07/10/26 04:34	1
13C3 PFBS	65.8		40 - 135	07/08/26 05:59	07/10/26 04:34	1
13C3 PFHxS	66.5		40 - 130	07/08/26 05:59	07/10/26 04:34	1
13C8 PFOS	67.8		40 - 130	07/08/26 05:59	07/10/26 04:34	1
13C8 FOSA	56.7		40 - 130	07/08/26 05:59	07/10/26 04:34	1
d3-NMeFOSAA	57.6		40 - 135	07/08/26 05:59	07/10/26 04:34	1
d5-NEtFOSAA	103		40 - 150	07/08/26 05:59	07/10/26 04:34	1
13C2 4:2 FTS	68.7		40 - 165	07/08/26 05:59	07/10/26 04:34	1
13C2 6:2 FTS	68.2		40 - 215	07/08/26 05:59	07/10/26 04:34	1
13C2 8:2 FTS	65.7		40 - 275	07/08/26 05:59	07/10/26 04:34	1
13C3 HFPO-DA	60.6		40 - 130	07/08/26 05:59	07/10/26 04:34	1
d7-N-MeFOSE-M	43.2		20 - 130	07/08/26 05:59	07/10/26 04:34	1
d9-N-EtFOSE-M	41.7		15 - 130	07/08/26 05:59	07/10/26 04:34	1
d5-NEtPFOSA	43.6		10 - 130	07/08/26 05:59	07/10/26 04:34	1
d3-NMePFOSA	49.9		10 - 130	07/08/26 05:59	07/10/26 04:34	1
13C2 PFDoA	62.5		40 - 130	07/08/26 05:59	07/10/26 04:34	1
13C3-PFDoS	59.5		20 - 150	07/08/26 05:59	07/10/26 04:34	1
13C3-3:3 FTCA	72.8		20 - 150	07/08/26 05:59	07/10/26 04:34	1
13C3-5:3 FTCA	59.4		20 - 150	07/08/26 05:59	07/10/26 04:34	1

Lab Sample ID: LCS 410-847651/2-A
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 847651

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.42		ng/g		88	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.15		ng/g		86	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.32		ng/g		93	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.28		ng/g		91	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.00		ng/g		80	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.15		ng/g		86	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.35		ng/g		94	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.20		ng/g		88	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.30		ng/g		92	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.36		ng/g		94	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.24		ng/g		90	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.85		ng/g		83	65 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-847651/2-A
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 847651

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.02		ng/g		86	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	1.98		ng/g		87	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.15		ng/g		90	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.30		ng/g		99	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.36		ng/g		98	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.41	2.09		ng/g		87	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.43	2.06		ng/g		85	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.28		ng/g		91	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.46		ng/g		94	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.44		ng/g		93	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.36		ng/g		94	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.31		ng/g		92	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.37		ng/g		95	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.42		ng/g		97	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.22		ng/g		89	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.9		ng/g		95	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	11.5		ng/g		92	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.54		ng/g		82	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.14		ng/g		90	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.46		ng/g		99	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.13		ng/g		85	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.00		ng/g		80	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.29		ng/g		98	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	2.01		ng/g		85	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	2.04		ng/g		91	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.33		ng/g		87	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	10.6		ng/g		85	60 - 130

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-847651/2-A
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 847651

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			12.5	9.32		ng/g		75	60 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*76.8*		*8 - 130*
13C5 PFPeA	*79.0*		*35 - 130*
13C5 PFHxA	*76.6*		*40 - 130*
13C4 PFHpA	*78.3*		*40 - 130*
13C8 PFOA	*77.1*		*40 - 130*
13C9 PFNA	*74.2*		*40 - 130*
13C6 PFDA	*68.8*		*40 - 130*
13C7 PFUnA	*71.3*		*40 - 130*
13C2 PFTeDA	*57.1*		*20 - 130*
13C3 PFBS	*82.3*		*40 - 135*
13C3 PFHxS	*79.3*		*40 - 130*
13C8 PFOS	*71.3*		*40 - 130*
13C8 FOSA	*62.1*		*40 - 130*
d3-NMeFOSAA	*60.2*		*40 - 135*
d5-NEtFOSAA	*101*		*40 - 150*
13C2 4:2 FTS	*83.4*		*40 - 165*
13C2 6:2 FTS	*84.5*		*40 - 215*
13C2 8:2 FTS	*74.6*		*40 - 275*
13C3 HFPO-DA	*77.9*		*40 - 130*
d7-N-MeFOSE-M	*38.9*		*20 - 130*
d9-N-EtFOSE-M	*38.2*		*15 - 130*
d5-NEtPFOSA	*47.5*		*10 - 130*
d3-NMePFOSA	*54.3*		*10 - 130*
13C2 PFDoA	*64.6*		*40 - 130*
13C3-PFDoS	*58.7*		*20 - 150*
13C3-3:3 FTCA	*85.9*		*20 - 150*
13C3-5:3 FTCA	*71.7*		*20 - 150*

Lab Sample ID: LLCS 410-847651/3-A
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 847651

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanoic acid (PFBA)			0.500	0.481		ng/g		96	70 - 140		
Perfluoropentanoic acid (PFPeA)			0.250	0.243		ng/g		97	60 - 150		
Perfluorohexanoic acid (PFHxA)			0.250	0.257		ng/g		103	65 - 140		
Perfluoroheptanoic acid (PFHpA)			0.250	0.243		ng/g		97	65 - 145		
Perfluorooctanoic acid (PFOA)			0.250	0.252		ng/g		101	70 - 150		
Perfluorononanoic acid (PFNA)			0.250	0.229		ng/g		92	70 - 155		
Perfluorodecanoic acid (PFDA)			0.250	0.240		ng/g		96	70 - 155		
Perfluoroundecanoic acid (PFUnA)			0.250	0.224		ng/g		89	70 - 155		
Perfluorododecanoic acid (PFDoA)			0.250	0.248		ng/g		99	70 - 150		
Perfluorotridecanoic acid (PFTrDA)			0.250	0.255		ng/g		102	65 - 150		

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-847651/3-A
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 847651

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.231		ng/g		93	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.207		ng/g		93	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.224		ng/g		95	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.228		ng/g		100	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.239		ng/g		100	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.250		ng/g		107	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.239		ng/g		99	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.241	0.211		ng/g		88	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.217		ng/g		90	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.450		ng/g		96	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.479		ng/g		101	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.494		ng/g		103	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.246		ng/g		98	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.245		ng/g		98	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.279		ng/g		112	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.276		ng/g		111	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.277		ng/g		111	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.34		ng/g		107	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.25		ng/g		100	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.209		ng/g		111	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.234		ng/g		99	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.254		ng/g		102	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.239		ng/g		96	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.227		ng/g		91	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.240		ng/g		103	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.210		ng/g		89	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.211		ng/g		94	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-847651/3-A
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 847651

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			0.500	0.499		ng/g		100	45 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			1.25	1.13		ng/g		90	60 - 130		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			1.25	1.28		ng/g		103	60 - 150		

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*81.1*		*8 - 130*
13C5 PFPeA	*89.3*		*35 - 130*
13C5 PFHxA	*89.8*		*40 - 130*
13C4 PFHpA	*91.0*		*40 - 130*
13C8 PFOA	*81.0*		*40 - 130*
13C9 PFNA	*87.1*		*40 - 130*
13C6 PFDA	*80.6*		*40 - 130*
13C7 PFUnA	*79.2*		*40 - 130*
13C2 PFTeDA	*64.8*		*20 - 130*
13C3 PFBS	*87.1*		*40 - 135*
13C3 PFHxS	*83.8*		*40 - 130*
13C8 PFOS	*78.6*		*40 - 130*
13C8 FOSA	*71.2*		*40 - 130*
d3-NMeFOSAA	*65.2*		*40 - 135*
d5-NEtFOSAA	*130*		*40 - 150*
13C2 4:2 FTS	*92.2*		*40 - 165*
13C2 6:2 FTS	*94.6*		*40 - 215*
13C2 8:2 FTS	*82.4*		*40 - 275*
13C3 HFPO-DA	*83.8*		*40 - 130*
d7-N-MeFOSE-M	*43.2*		*20 - 130*
d9-N-EtFOSE-M	*39.3*		*15 - 130*
d5-NEtPFOSA	*50.1*		*10 - 130*
d3-NMePFOSA	*59.9*		*10 - 130*
13C2 PFDoA	*71.5*		*40 - 130*
13C3-PFDoS	*66.1*		*20 - 150*
13C3-3:3 FTCA	*98.3*		*20 - 150*
13C3-5:3 FTCA	*84.1*		*20 - 150*

Lab Sample ID: 480-240098-16 MS
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: RI-BH-2 0-2
Prep Type: Total/NA
Prep Batch: 847651

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorobutanoic acid (PFBA)	0.23	J F2	4.85	4.41		ng/g	☼	86	70 - 140		
Perfluoropentanoic acid (PFPeA)	0.18	J	2.43	2.55		ng/g	☼	98	60 - 150		
Perfluorohexanoic acid (PFHxA)	0.14	J	2.43	2.32		ng/g	☼	90	65 - 140		
Perfluoroheptanoic acid (PFHpA)	ND		2.43	2.29		ng/g	☼	94	65 - 145		
Perfluorooctanoic acid (PFOA)	0.29		2.43	2.33		ng/g	☼	84	70 - 150		
Perfluorononanoic acid (PFNA)	0.16	J	2.43	2.12		ng/g	☼	81	70 - 155		
Perfluorodecanoic acid (PFDA)	0.17	J	2.43	2.42		ng/g	☼	93	70 - 155		
Perfluoroundecanoic acid (PFUnA)	ND		2.43	2.25		ng/g	☼	93	70 - 155		

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240098-16 MS
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: RI-BH-2 0-2
Prep Type: Total/NA
Prep Batch: 847651

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanoic acid (PFDoA)	ND		2.43	2.32		ng/g	☼	95	70 - 150
Perfluorotridecanoic acid (PFTrDA)	ND		2.43	2.44		ng/g	☼	101	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	ND		2.43	2.40		ng/g	☼	99	65 - 150
Perfluorobutanesulfonic acid (PFBS)	ND		2.16	1.92		ng/g	☼	89	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		2.28	1.97		ng/g	☼	86	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	ND		2.21	2.05		ng/g	☼	92	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.32	2.14		ng/g	☼	93	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.66		2.26	3.04		ng/g	☼	106	65 - 160
Perfluorononanesulfonic acid (PFNS)	ND		2.33	2.30		ng/g	☼	98	55 - 140
Perfluorodecanesulfonic acid (PFDS)	ND		2.34	2.21		ng/g	☼	94	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	ND		2.35	1.98		ng/g	☼	84	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.55	4.20		ng/g	☼	92	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.62	4.24		ng/g	☼	92	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.66	4.54		ng/g	☼	97	70 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		2.43	2.56		ng/g	☼	105	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.43	2.38		ng/g	☼	98	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.43	2.34		ng/g	☼	96	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.43	2.48		ng/g	☼	102	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.43	2.22		ng/g	☼	91	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.1	12.2		ng/g	☼	101	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.1	11.7		ng/g	☼	96	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.82	1.63		ng/g	☼	89	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.30	1.84		ng/g	☼	80	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.43	2.44		ng/g	☼	100	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.43	2.22		ng/g	☼	91	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.43	2.24		ng/g	☼	92	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.27	2.33		ng/g	☼	103	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240098-16 MS
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: RI-BH-2 0-2
Prep Type: Total/NA
Prep Batch: 847651

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.29	2.28		ng/g	☼	100	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.16	1.92		ng/g	☼	89	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.85	4.44		ng/g	☼	91	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.1	10.4		ng/g	☼	86	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.1	10.3		ng/g	☼	85	60 - 150

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*66.2*		*8 - 130*
13C5 PFPeA	*61.6*		*35 - 130*
13C5 PFHxA	*61.7*		*40 - 130*
13C4 PFHpA	*66.2*		*40 - 130*
13C8 PFOA	*54.3*		*40 - 130*
13C9 PFNA	*72.7*		*40 - 130*
13C6 PFDA	*66.9*		*40 - 130*
13C7 PFUnA	*73.1*		*40 - 130*
13C2 PFTeDA	*61.1*		*20 - 130*
13C3 PFBS	*70.8*		*40 - 135*
13C3 PFHxS	*70.1*		*40 - 130*
13C8 PFOS	*65.9*		*40 - 130*
13C8 FOSA	*71.2*		*40 - 130*
d3-NMeFOSAA	*81.8*		*40 - 135*
d5-NEtFOSAA	*111*		*40 - 150*
13C2 4:2 FTS	*151*		*40 - 165*
13C2 6:2 FTS	*121*		*40 - 215*
13C2 8:2 FTS	*106*		*40 - 275*
13C3 HFPO-DA	*71.2*		*40 - 130*
d7-N-MeFOSE-M	*52.8*		*20 - 130*
d9-N-EtFOSE-M	*44.4*		*15 - 130*
d5-NEtPFOSA	*58.2*		*10 - 130*
d3-NMePFOSA	*68.7*		*10 - 130*
13C2 PFDoA	*69.5*		*40 - 130*
13C3-PFDoS	*62.4*		*20 - 150*
13C3-3:3 FTCA	*70.4*		*20 - 150*
13C3-5:3 FTCA	*64.9*		*20 - 150*

Lab Sample ID: 480-240098-16 MSD
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: RI-BH-2 0-2
Prep Type: Total/NA
Prep Batch: 847651

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.23	J F2	4.98	6.03	F2	ng/g	☼	117	70 - 140	31	30
Perfluoropentanoic acid (PFPeA)	0.18	J	2.49	2.59		ng/g	☼	97	60 - 150	2	30
Perfluorohexanoic acid (PFHxA)	0.14	J	2.49	2.44		ng/g	☼	92	65 - 140	5	30
Perfluoroheptanoic acid (PFHpA)	ND		2.49	2.43		ng/g	☼	98	65 - 145	6	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240098-16 MSD
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: RI-BH-2 0-2
Prep Type: Total/NA
Prep Batch: 847651

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)	0.29		2.49	2.30		ng/g	☼	81	70 - 150	1	30
Perfluorononanoic acid (PFNA)	0.16	J	2.49	2.37		ng/g	☼	89	70 - 155	11	30
Perfluorodecanoic acid (PFDA)	0.17	J	2.49	2.47		ng/g	☼	93	70 - 155	2	30
Perfluoroundecanoic acid (PFUnA)	ND		2.49	2.44		ng/g	☼	98	70 - 155	8	30
Perfluorododecanoic acid (PFDoA)	ND		2.49	2.48		ng/g	☼	100	70 - 150	7	30
Perfluorotridecanoic acid (PFTrDA)	ND		2.49	2.55		ng/g	☼	102	65 - 150	4	30
Perfluorotetradecanoic acid (PFTeDA)	ND		2.49	2.33		ng/g	☼	94	65 - 150	3	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.21	2.11		ng/g	☼	96	65 - 145	10	30
Perfluoropentanesulfonic acid (PFPeS)	ND		2.34	2.07		ng/g	☼	89	55 - 160	5	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.27	2.13		ng/g	☼	94	60 - 150	4	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.38	2.30		ng/g	☼	97	65 - 155	7	30
Perfluorooctanesulfonic acid (PFOS)	0.66		2.32	3.04		ng/g	☼	103	65 - 160	0	30
Perfluorononanesulfonic acid (PFNS)	ND		2.39	2.41		ng/g	☼	101	55 - 140	5	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.40	2.22		ng/g	☼	92	40 - 155	0	30
Perfluorododecanesulfonic acid (PFDoS)	ND		2.41	2.13		ng/g	☼	88	25 - 160	8	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.67	4.59		ng/g	☼	98	60 - 150	9	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.74	4.80		ng/g	☼	101	55 - 200	12	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.78	4.76		ng/g	☼	100	70 - 150	5	30
Perfluorooctanesulfonamide (PFOSA)	ND		2.49	2.77		ng/g	☼	111	70 - 140	8	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.49	2.43		ng/g	☼	98	70 - 155	2	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.49	2.63		ng/g	☼	106	70 - 140	12	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.49	2.55		ng/g	☼	103	65 - 155	3	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.49	2.43		ng/g	☼	98	65 - 165	9	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.4	13.6		ng/g	☼	109	70 - 140	10	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.4	12.7		ng/g	☼	102	70 - 135	8	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.87	1.71		ng/g	☼	92	70 - 145	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.36	2.07		ng/g	☼	88	70 - 160	11	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.49	2.52		ng/g	☼	101	30 - 140	3	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.49	2.36		ng/g	☼	95	60 - 150	6	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240098-16 MSD
Matrix: Solid
Analysis Batch: 849056

Client Sample ID: RI-BH-2 0-2
Prep Type: Total/NA
Prep Batch: 847651

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.49	2.18		ng/g	☼	88	60 - 155	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.33	2.47		ng/g	☼	106	70 - 150	6	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.35	2.23		ng/g	☼	95	45 - 160	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.22	1.95		ng/g	☼	88	70 - 140	2	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.98	4.89		ng/g	☼	98	45 - 130	10	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.4	11.2		ng/g	☼	90	60 - 130	7	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.4	12.3		ng/g	☼	99	60 - 150	18	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*70.9*		*8 - 130*
13C5 PFPeA	*66.3*		*35 - 130*
13C5 PFHxA	*68.4*		*40 - 130*
13C4 PFHpA	*68.1*		*40 - 130*
13C8 PFOA	*69.1*		*40 - 130*
13C9 PFNA	*82.1*		*40 - 130*
13C6 PFDA	*79.9*		*40 - 130*
13C7 PFUnA	*80.1*		*40 - 130*
13C2 PFTeDA	*65.5*		*20 - 130*
13C3 PFBS	*73.7*		*40 - 135*
13C3 PFHxS	*72.3*		*40 - 130*
13C8 PFOS	*71.4*		*40 - 130*
13C8 FOSA	*73.3*		*40 - 130*
d3-NMeFOSAA	*105*		*40 - 135*
d5-NEtFOSAA	*139*		*40 - 150*
13C2 4:2 FTS	*171*	*5+	*40 - 165*
13C2 6:2 FTS	*139*		*40 - 215*
13C2 8:2 FTS	*131*		*40 - 275*
13C3 HFPO-DA	*73.7*		*40 - 130*
d7-N-MeFOSE-M	*44.0*		*20 - 130*
d9-N-EtFOSE-M	*34.2*		*15 - 130*
d5-NEtPFOSA	*58.5*		*10 - 130*
d3-NMePFOSA	*71.1*		*10 - 130*
13C2 PFDoA	*73.7*		*40 - 130*
13C3-PFDoS	*61.3*		*20 - 150*
13C3-3:3 FTCA	*79.1*		*20 - 150*
13C3-5:3 FTCA	*74.2*		*20 - 150*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-779959/1-A
Matrix: Solid
Analysis Batch: 780074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779959

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10	8.6	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Antimony	ND	^5+	15.0	0.53	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Arsenic	ND	^5+	2.0	0.88	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Barium	ND		0.50	0.14	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Beryllium	ND		0.20	0.040	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Cadmium	ND	^5+	0.20	0.070	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Calcium	ND		49.8	26.9	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Chromium	ND		0.50	0.36	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Cobalt	ND	^5+	0.50	0.10	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Copper	ND	^5+	1.0	0.57	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Iron	ND		10	8.5	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Lead	ND		1.0	0.46	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Magnesium	ND		19.9	8.5	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Manganese	ND		1.0	0.28	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Nickel	ND		5.0	0.25	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Potassium	ND	^5+	29.9	24.2	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Selenium	ND	^5+	4.0	0.80	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Silver	ND	^5-	0.60	0.20	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Sodium	ND		140	61.1	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Thallium	ND	^5+	6.0	0.76	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Vanadium	ND		0.50	0.13	mg/Kg		07/06/26 16:06	07/07/26 14:11	1
Zinc	ND		2.0	1.0	mg/Kg		07/06/26 16:06	07/07/26 14:11	1

Lab Sample ID: LCSSRM 480-779959/2-A
Matrix: Solid
Analysis Batch: 780074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779959

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7680	7452		mg/Kg		97.0	38.7 - 126.3
Antimony	221	66.81		mg/Kg		30.2	10.0 - 126.7
Arsenic	326	241.0		mg/Kg		73.9	58.9 - 110.1
Barium	333	254.2		mg/Kg		76.3	66.4 - 110.8
Beryllium	234	183.1		mg/Kg		78.3	66.7 - 111.1
Cadmium	184	132.0		mg/Kg		71.8	63.6 - 109.8
Calcium	4280	3475		mg/Kg		81.2	67.1 - 120.3
Chromium	137	105.8		mg/Kg		77.2	61.8 - 114.6
Cobalt	230	203.2		mg/Kg		88.4	67.8 - 113.0
Copper	193	140.7		mg/Kg		72.9	66.8 - 111.4
Iron	7360	6641		mg/Kg		90.2	10.0 - 179.3
Lead	272	238.3		mg/Kg		87.6	66.5 - 113.6

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-779959/2-A
Matrix: Solid
Analysis Batch: 780074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779959

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	2300	1946		mg/Kg		84.6	52.6 - 123.9
Manganese	798	599.5		mg/Kg		75.1	69.4 - 110.0
Nickel	292	222.9		mg/Kg		76.3	61.3 - 113.7
Potassium	2380	2008		mg/Kg		84.4	51.3 - 121.4
Selenium	103	76.44		mg/Kg		74.2	55.8 - 117.5
Silver	57.7	46.36		mg/Kg		80.3	64.1 - 118.9
Sodium	288	222.9		mg/Kg		77.4	48.3 - 137.5
Thallium	194	156.5		mg/Kg		80.6	61.3 - 111.9
Vanadium	272	209.8		mg/Kg		77.1	65.8 - 109.9
Zinc	404	347.2		mg/Kg		85.9	61.6 - 114.4

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-780153/1-A
Matrix: Solid
Analysis Batch: 780212

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780153

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0045	mg/Kg		07/08/26 11:56	07/08/26 15:13	1

Lab Sample ID: LCSSRM 480-780153/2-A
Matrix: Solid
Analysis Batch: 780212

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780153

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	6.49	5.79		mg/Kg		89.2	60.1 - 140.1

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-780193/1-A
Matrix: Solid
Analysis Batch: 780272

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780193

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.95	0.46	mg/Kg		07/08/26 11:38	07/08/26 16:27	1

Lab Sample ID: LCS 480-780193/3-A
Matrix: Solid
Analysis Batch: 780272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780193

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.405		mg/Kg		101	29 - 122

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: LCS 480-780193/4-A
Matrix: Solid
Analysis Batch: 780272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780193

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.256		mg/Kg		102	29 - 122

Lab Sample ID: LCSSRM 480-780193/2-A
Matrix: Solid
Analysis Batch: 780272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780193

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	134	86.94		mg/Kg		64.9	31.6 - 131.3

GC/MS VOA

Prep Batch: 779978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	5035A_L	
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	5035A_L	
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	5035A_L	
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	5035A_L	
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	5035A_L	
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	5035A_L	
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	5035A_L	
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	5035A_L	
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	5035A_L	
MB 480-779978/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-779978/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	
480-240098-18 MS	RI-BH-12 0-2	Total/NA	Solid	5035A_L	
480-240098-18 MSD	RI-BH-12 0-2	Total/NA	Solid	5035A_L	

Analysis Batch: 779982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	EPA 8260D	779978
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	EPA 8260D	779978
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	EPA 8260D	779978
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	EPA 8260D	779978
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	EPA 8260D	779978
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	EPA 8260D	779978
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	EPA 8260D	779978
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	EPA 8260D	779978
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	EPA 8260D	779978
MB 480-779978/2-A	Method Blank	Total/NA	Solid	EPA 8260D	779978
LCS 480-779978/1-A	Lab Control Sample	Total/NA	Solid	EPA 8260D	779978
480-240098-18 MS	RI-BH-12 0-2	Total/NA	Solid	EPA 8260D	779978
480-240098-18 MSD	RI-BH-12 0-2	Total/NA	Solid	EPA 8260D	779978

GC/MS Semi VOA

Prep Batch: 780015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	3546	
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	3546	
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	3546	
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	3546	
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	3546	
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	3546	
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	3546	
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	3546	
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	3546	
MB 480-780015/1-A	Method Blank	Total/NA	Solid	3546	
LCS 480-780015/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 780139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	EPA 8270E	780015
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	EPA 8270E	780015
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	EPA 8270E	780015

GC/MS Semi VOA (Continued)

Analysis Batch: 780139 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	EPA 8270E	780015
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	EPA 8270E	780015
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	EPA 8270E	780015
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	EPA 8270E	780015
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	EPA 8270E	780015
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	EPA 8270E	780015
MB 480-780015/1-A	Method Blank	Total/NA	Solid	EPA 8270E	780015
LCS 480-780015/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	780015

GC Semi VOA

Prep Batch: 779889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	3546	
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	3546	
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	3546	
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	3546	
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	3546	
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	3546	
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	3546	
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	3546	
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	3546	
MB 480-779889/1-A	Method Blank	Total/NA	Solid	3546	
LCS 480-779889/2-A	Lab Control Sample	Total/NA	Solid	3546	
480-240098-11 MS	RI-BH-4 0-2	Total/NA	Solid	3546	
480-240098-11 MSD	RI-BH-4 0-2	Total/NA	Solid	3546	

Analysis Batch: 779937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	8081B	779889
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	8081B	779889
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	8081B	779889
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	8081B	779889
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	8081B	779889
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	8081B	779889
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	8081B	779889
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	8081B	779889
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	8081B	779889
MB 480-779889/1-A	Method Blank	Total/NA	Solid	8081B	779889
LCS 480-779889/2-A	Lab Control Sample	Total/NA	Solid	8081B	779889
480-240098-11 MS	RI-BH-4 0-2	Total/NA	Solid	8081B	779889
480-240098-11 MSD	RI-BH-4 0-2	Total/NA	Solid	8081B	779889

Prep Batch: 779989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	3550C	
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	3550C	
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	3550C	
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	3550C	
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	3550C	
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 779989 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	3550C	
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	3550C	
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	3550C	
MB 480-779989/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-779989/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 780037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	8082A	779989
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	8082A	779989
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	8082A	779989
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	8082A	779989
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	8082A	779989
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	8082A	779989
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	8082A	779989
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	8082A	779989
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	8082A	779989
MB 480-779989/1-A	Method Blank	Total/NA	Solid	8082A	779989
LCS 480-779989/2-A	Lab Control Sample	Total/NA	Solid	8082A	779989

LCMS

Prep Batch: 847651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	1633A	
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	1633A	
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	1633A	
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	1633A	
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	1633A	
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	1633A	
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	1633A	
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	1633A	
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	1633A	
MB 410-847651/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-847651/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-847651/3-A	Lab Control Sample	Total/NA	Solid	1633A	
480-240098-16 MS	RI-BH-2 0-2	Total/NA	Solid	1633A	
480-240098-16 MSD	RI-BH-2 0-2	Total/NA	Solid	1633A	

Analysis Batch: 849056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	1633A	847651
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	1633A	847651
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	1633A	847651
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	1633A	847651
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	1633A	847651
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	1633A	847651
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	1633A	847651
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	1633A	847651
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	1633A	847651
MB 410-847651/1-A	Method Blank	Total/NA	Solid	1633A	847651

LCMS (Continued)

Analysis Batch: 849056 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-847651/2-A	Lab Control Sample	Total/NA	Solid	1633A	847651
LLCS 410-847651/3-A	Lab Control Sample	Total/NA	Solid	1633A	847651
480-240098-16 MS	RI-BH-2 0-2	Total/NA	Solid	1633A	847651
480-240098-16 MSD	RI-BH-2 0-2	Total/NA	Solid	1633A	847651

Metals

Prep Batch: 779959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	3050B	
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	3050B	
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	3050B	
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	3050B	
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	3050B	
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	3050B	
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	3050B	
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	3050B	
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	3050B	
MB 480-779959/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-779959/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 780074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	6010D	779959
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	6010D	779959
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	6010D	779959
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	6010D	779959
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	6010D	779959
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	6010D	779959
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	6010D	779959
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	6010D	779959
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	6010D	779959
MB 480-779959/1-A	Method Blank	Total/NA	Solid	6010D	779959
LCSSRM 480-779959/2-A	Lab Control Sample	Total/NA	Solid	6010D	779959

Prep Batch: 780153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	7471B	
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	7471B	
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	7471B	
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	7471B	
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	7471B	
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	7471B	
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	7471B	
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	7471B	
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	7471B	
MB 480-780153/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-780153/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Metals

Analysis Batch: 780212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	7471B	780153
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	7471B	780153
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	7471B	780153
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	7471B	780153
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	7471B	780153
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	7471B	780153
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	7471B	780153
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	7471B	780153
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	7471B	780153
MB 480-780153/1-A	Method Blank	Total/NA	Solid	7471B	780153
LCSSRM 480-780153/2-A	Lab Control Sample	Total/NA	Solid	7471B	780153

Analysis Batch: 780526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	6010D	779959
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	6010D	779959

General Chemistry

Analysis Batch: 779953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	Moisture	
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	Moisture	
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	Moisture	
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	Moisture	
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	Moisture	
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	Moisture	
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	Moisture	
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	Moisture	
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	Moisture	

Prep Batch: 780193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	9012B	
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	9012B	
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	9012B	
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	9012B	
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	9012B	
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	9012B	
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	9012B	
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	9012B	
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	9012B	
MB 480-780193/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 480-780193/3-A	Lab Control Sample	Total/NA	Solid	9012B	
LCS 480-780193/4-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSSRM 480-780193/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 780272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-10	RI-BH-3 0-2	Total/NA	Solid	9012B	780193
480-240098-11	RI-BH-4 0-2	Total/NA	Solid	9012B	780193

General Chemistry (Continued)

Analysis Batch: 780272 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240098-12	RI-BH-9 0-2	Total/NA	Solid	9012B	780193
480-240098-13	RI-BH-10 0-2	Total/NA	Solid	9012B	780193
480-240098-14	RI-BH-11 0-2	Total/NA	Solid	9012B	780193
480-240098-15	RI-BH-1 0-2	Total/NA	Solid	9012B	780193
480-240098-16	RI-BH-2 0-2	Total/NA	Solid	9012B	780193
480-240098-17	RI-BH-8 0-2	Total/NA	Solid	9012B	780193
480-240098-18	RI-BH-12 0-2	Total/NA	Solid	9012B	780193
MB 480-780193/1-A	Method Blank	Total/NA	Solid	9012B	780193
LCS 480-780193/3-A	Lab Control Sample	Total/NA	Solid	9012B	780193
LCS 480-780193/4-A	Lab Control Sample	Total/NA	Solid	9012B	780193
LCSSRM 480-780193/2-A	Lab Control Sample	Total/NA	Solid	9012B	780193

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10
Date Collected: 07/02/26 11:30
Matrix: Solid
Date Received: 07/02/26 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779953	JLS	EET BUF	07/06/26 13:40

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10
Date Collected: 07/02/26 11:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/07/26 01:02
Total/NA	Prep	3546			780015	JMP	EET BUF	07/07/26 09:03
Total/NA	Analysis	EPA 8270E		10	780139	JMM	EET BUF	07/09/26 04:22
Total/NA	Prep	3546			779889	VXF	EET BUF	07/06/26 07:00
Total/NA	Analysis	8081B		20	779937	JLS	EET BUF	07/06/26 15:04
Total/NA	Prep	3550C			779989	SMP	EET BUF	07/07/26 06:51
Total/NA	Analysis	8082A		1	780037	J1B	EET BUF	07/07/26 20:35
Total/NA	Prep	1633A			847651	RZZ4	ELLE	07/08/26 06:00
Total/NA	Analysis	1633A		1	849056	XBL5	ELLE	07/10/26 05:55
Total/NA	Prep	3050B			779959	EMO	EET BUF	07/06/26 16:06
Total/NA	Analysis	6010D		1	780074	MP	EET BUF	07/07/26 14:55
Total/NA	Prep	7471B			780153	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 15:51
Total/NA	Prep	9012B			780193	AM	EET BUF	07/08/26 11:38
Total/NA	Analysis	9012B		1	780272	AM	EET BUF	07/08/26 16:35

Client Sample ID: RI-BH-4 0-2
Lab Sample ID: 480-240098-11
Date Collected: 07/02/26 11:45
Matrix: Solid
Date Received: 07/02/26 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779953	JLS	EET BUF	07/06/26 13:40

Client Sample ID: RI-BH-4 0-2
Lab Sample ID: 480-240098-11
Date Collected: 07/02/26 11:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/07/26 01:26
Total/NA	Prep	3546			780015	JMP	EET BUF	07/07/26 09:03
Total/NA	Analysis	EPA 8270E		20	780139	JMM	EET BUF	07/09/26 04:46
Total/NA	Prep	3546			779889	VXF	EET BUF	07/06/26 07:00
Total/NA	Analysis	8081B		50	779937	JLS	EET BUF	07/06/26 14:45
Total/NA	Prep	3550C			779989	SMP	EET BUF	07/07/26 06:51
Total/NA	Analysis	8082A		1	780037	J1B	EET BUF	07/07/26 20:54

Client Sample ID: RI-BH-4 0-2
Lab Sample ID: 480-240098-11

Date Collected: 07/02/26 11:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			847651	RZZ4	ELLE	07/08/26 06:00
Total/NA	Analysis	1633A		1	849056	XBL5	ELLE	07/10/26 06:09
Total/NA	Prep	3050B			779959	EMO	EET BUF	07/06/26 16:06
Total/NA	Analysis	6010D		1	780074	MP	EET BUF	07/07/26 14:57
Total/NA	Prep	3050B			779959	EMO	EET BUF	07/06/26 16:06
Total/NA	Analysis	6010D		5	780526	MP	EET BUF	07/13/26 10:16
Total/NA	Prep	7471B			780153	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 15:54
Total/NA	Prep	9012B			780193	AM	EET BUF	07/08/26 11:38
Total/NA	Analysis	9012B		1	780272	AM	EET BUF	07/08/26 16:36

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12

Date Collected: 07/02/26 11:55
Matrix: Solid
Date Received: 07/02/26 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779953	JLS	EET BUF	07/06/26 13:40

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12

Date Collected: 07/02/26 11:55
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/07/26 01:49
Total/NA	Prep	3546			780015	JMP	EET BUF	07/07/26 09:03
Total/NA	Analysis	EPA 8270E		20	780139	JMM	EET BUF	07/09/26 05:10
Total/NA	Prep	3546			779889	VXF	EET BUF	07/06/26 07:00
Total/NA	Analysis	8081B		50	779937	JLS	EET BUF	07/06/26 15:24
Total/NA	Prep	3550C			779989	SMP	EET BUF	07/07/26 06:51
Total/NA	Analysis	8082A		1	780037	J1B	EET BUF	07/07/26 21:12
Total/NA	Prep	1633A			847651	RZZ4	ELLE	07/08/26 06:00
Total/NA	Analysis	1633A		1	849056	XBL5	ELLE	07/10/26 06:22
Total/NA	Prep	3050B			779959	EMO	EET BUF	07/06/26 16:06
Total/NA	Analysis	6010D		1	780074	MP	EET BUF	07/07/26 14:59
Total/NA	Prep	7471B			780153	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 15:56
Total/NA	Prep	9012B			780193	AM	EET BUF	07/08/26 11:38
Total/NA	Analysis	9012B		1	780272	AM	EET BUF	07/08/26 16:39

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13

Date Collected: 07/02/26 12:15
Matrix: Solid
Date Received: 07/02/26 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779953	JLS	EET BUF	07/06/26 13:40

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13

Date Collected: 07/02/26 12:15
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/07/26 02:13
Total/NA	Prep	3546			780015	JMP	EET BUF	07/07/26 09:03
Total/NA	Analysis	EPA 8270E		20	780139	JMM	EET BUF	07/09/26 05:34
Total/NA	Prep	3546			779889	VXF	EET BUF	07/06/26 07:00
Total/NA	Analysis	8081B		50	779937	JLS	EET BUF	07/06/26 15:44
Total/NA	Prep	3550C			779989	SMP	EET BUF	07/07/26 06:51
Total/NA	Analysis	8082A		1	780037	J1B	EET BUF	07/07/26 21:30
Total/NA	Prep	1633A			847651	RZZ4	ELLE	07/08/26 06:00
Total/NA	Analysis	1633A		1	849056	XBL5	ELLE	07/10/26 06:36
Total/NA	Prep	3050B			779959	EMO	EET BUF	07/06/26 16:06
Total/NA	Analysis	6010D		1	780074	MP	EET BUF	07/07/26 15:00
Total/NA	Prep	7471B			780153	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 16:06
Total/NA	Prep	9012B			780193	AM	EET BUF	07/08/26 11:38
Total/NA	Analysis	9012B		1	780272	AM	EET BUF	07/08/26 16:39

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14

Date Collected: 07/02/26 12:30
Matrix: Solid
Date Received: 07/02/26 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779953	JLS	EET BUF	07/06/26 13:40

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14

Date Collected: 07/02/26 12:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/07/26 02:36
Total/NA	Prep	3546			780015	JMP	EET BUF	07/07/26 09:03
Total/NA	Analysis	EPA 8270E		20	780139	JMM	EET BUF	07/09/26 05:58
Total/NA	Prep	3546			779889	VXF	EET BUF	07/06/26 07:00
Total/NA	Analysis	8081B		50	779937	JLS	EET BUF	07/06/26 16:03
Total/NA	Prep	3550C			779989	SMP	EET BUF	07/07/26 06:51
Total/NA	Analysis	8082A		1	780037	J1B	EET BUF	07/07/26 21:49

Client Sample ID: RI-BH-11 0-2

Lab Sample ID: 480-240098-14

Date Collected: 07/02/26 12:30

Matrix: Solid

Date Received: 07/02/26 16:05

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			847651	RZZ4	ELLE	07/08/26 06:00
Total/NA	Analysis	1633A		1	849056	XBL5	ELLE	07/10/26 09:19
Total/NA	Prep	3050B			779959	EMO	EET BUF	07/06/26 16:06
Total/NA	Analysis	6010D		1	780074	MP	EET BUF	07/07/26 15:02
Total/NA	Prep	3050B			779959	EMO	EET BUF	07/06/26 16:06
Total/NA	Analysis	6010D		5	780526	MP	EET BUF	07/13/26 10:18
Total/NA	Prep	7471B			780153	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 16:09
Total/NA	Prep	9012B			780193	AM	EET BUF	07/08/26 11:38
Total/NA	Analysis	9012B		1	780272	AM	EET BUF	07/08/26 16:39

Client Sample ID: RI-BH-1 0-2

Lab Sample ID: 480-240098-15

Date Collected: 07/02/26 12:50

Matrix: Solid

Date Received: 07/02/26 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779953	JLS	EET BUF	07/06/26 13:40

Client Sample ID: RI-BH-1 0-2

Lab Sample ID: 480-240098-15

Date Collected: 07/02/26 12:50

Matrix: Solid

Date Received: 07/02/26 16:05

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/07/26 03:00
Total/NA	Prep	3546			780015	JMP	EET BUF	07/07/26 09:03
Total/NA	Analysis	EPA 8270E		5	780139	JMM	EET BUF	07/09/26 06:22
Total/NA	Prep	3546			779889	VXF	EET BUF	07/06/26 07:00
Total/NA	Analysis	8081B		20	779937	JLS	EET BUF	07/06/26 16:23
Total/NA	Prep	3550C			779989	SMP	EET BUF	07/07/26 06:51
Total/NA	Analysis	8082A		1	780037	J1B	EET BUF	07/07/26 22:07
Total/NA	Prep	1633A			847651	RZZ4	ELLE	07/08/26 06:00
Total/NA	Analysis	1633A		1	849056	XBL5	ELLE	07/10/26 09:32
Total/NA	Prep	3050B			779959	EMO	EET BUF	07/06/26 16:06
Total/NA	Analysis	6010D		1	780074	MP	EET BUF	07/07/26 15:04
Total/NA	Prep	7471B			780153	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 16:12
Total/NA	Prep	9012B			780193	AM	EET BUF	07/08/26 11:38
Total/NA	Analysis	9012B		1	780272	AM	EET BUF	07/08/26 16:40

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16

Date Collected: 07/02/26 13:10
Matrix: Solid
Date Received: 07/02/26 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779953	JLS	EET BUF	07/06/26 13:40

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16

Date Collected: 07/02/26 13:10
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/07/26 03:23
Total/NA	Prep	3546			780015	JMP	EET BUF	07/07/26 09:03
Total/NA	Analysis	EPA 8270E		5	780139	JMM	EET BUF	07/09/26 06:46
Total/NA	Prep	3546			779889	VXF	EET BUF	07/06/26 07:00
Total/NA	Analysis	8081B		20	779937	JLS	EET BUF	07/06/26 16:42
Total/NA	Prep	3550C			779989	SMP	EET BUF	07/07/26 06:51
Total/NA	Analysis	8082A		1	780037	J1B	EET BUF	07/07/26 22:25
Total/NA	Prep	1633A			847651	RZZ4	ELLE	07/08/26 06:00
Total/NA	Analysis	1633A		1	849056	XBL5	ELLE	07/10/26 09:46
Total/NA	Prep	3050B			779959	EMO	EET BUF	07/06/26 16:06
Total/NA	Analysis	6010D		1	780074	MP	EET BUF	07/07/26 15:06
Total/NA	Prep	7471B			780153	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 16:14
Total/NA	Prep	9012B			780193	AM	EET BUF	07/08/26 11:38
Total/NA	Analysis	9012B		1	780272	AM	EET BUF	07/08/26 16:40

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17

Date Collected: 07/02/26 13:30
Matrix: Solid
Date Received: 07/02/26 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779953	JLS	EET BUF	07/06/26 13:40

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17

Date Collected: 07/02/26 13:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/07/26 03:47
Total/NA	Prep	3546			780015	JMP	EET BUF	07/07/26 09:03
Total/NA	Analysis	EPA 8270E		20	780139	JMM	EET BUF	07/09/26 07:10
Total/NA	Prep	3546			779889	VXF	EET BUF	07/06/26 07:00
Total/NA	Analysis	8081B		50	779937	JLS	EET BUF	07/06/26 17:02
Total/NA	Prep	3550C			779989	SMP	EET BUF	07/07/26 06:51
Total/NA	Analysis	8082A		1	780037	J1B	EET BUF	07/07/26 22:44

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17
Date Collected: 07/02/26 13:30
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633A			847651	RZZ4	ELLE	07/08/26 06:00
Total/NA	Analysis	1633A		1	849056	XBL5	ELLE	07/10/26 10:26
Total/NA	Prep	3050B			779959	EMO	EET BUF	07/06/26 16:06
Total/NA	Analysis	6010D		1	780074	MP	EET BUF	07/07/26 15:08
Total/NA	Prep	7471B			780153	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 16:17
Total/NA	Prep	9012B			780193	AM	EET BUF	07/08/26 11:38
Total/NA	Analysis	9012B		1	780272	AM	EET BUF	07/08/26 16:43

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18
Date Collected: 07/02/26 13:45
Matrix: Solid
Date Received: 07/02/26 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	779953	JLS	EET BUF	07/06/26 13:40

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18
Date Collected: 07/02/26 13:45
Matrix: Solid
Date Received: 07/02/26 16:05
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			779978	CDC	EET BUF	07/06/26 18:21
Total/NA	Analysis	EPA 8260D		1	779982	CDC	EET BUF	07/07/26 04:11
Total/NA	Prep	3546			780015	JMP	EET BUF	07/07/26 09:03
Total/NA	Analysis	EPA 8270E		20	780139	JMM	EET BUF	07/09/26 07:34
Total/NA	Prep	3546			779889	VXF	EET BUF	07/06/26 07:00
Total/NA	Analysis	8081B		50	779937	JLS	EET BUF	07/06/26 17:22
Total/NA	Prep	3550C			779989	SMP	EET BUF	07/07/26 06:51
Total/NA	Analysis	8082A		1	780037	J1B	EET BUF	07/07/26 23:02
Total/NA	Prep	1633A			847651	RZZ4	ELLE	07/08/26 06:00
Total/NA	Analysis	1633A		1	849056	XBL5	ELLE	07/10/26 10:40
Total/NA	Prep	3050B			779959	EMO	EET BUF	07/06/26 16:06
Total/NA	Analysis	6010D		1	780074	MP	EET BUF	07/07/26 15:10
Total/NA	Prep	7471B			780153	EMO	EET BUF	07/08/26 11:56
Total/NA	Analysis	7471B		1	780212	BMB	EET BUF	07/08/26 16:19
Total/NA	Prep	9012B			780193	AM	EET BUF	07/08/26 11:38
Total/NA	Analysis	9012B		1	780272	AM	EET BUF	07/08/26 16:43

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-27

The following analytes are included in this report, but the laboratory is not certified by New York NELAP 10026. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-27

Method Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	EET BUF
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6010D	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
9012B	Cyanide, Total andor Amenable	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	EET BUF
3546	Microwave Extraction	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-240098-10	RI-BH-3 0-2	Solid	07/02/26 11:30	07/02/26 16:05	New York
480-240098-11	RI-BH-4 0-2	Solid	07/02/26 11:45	07/02/26 16:05	New York
480-240098-12	RI-BH-9 0-2	Solid	07/02/26 11:55	07/02/26 16:05	New York
480-240098-13	RI-BH-10 0-2	Solid	07/02/26 12:15	07/02/26 16:05	New York
480-240098-14	RI-BH-11 0-2	Solid	07/02/26 12:30	07/02/26 16:05	New York
480-240098-15	RI-BH-1 0-2	Solid	07/02/26 12:50	07/02/26 16:05	New York
480-240098-16	RI-BH-2 0-2	Solid	07/02/26 13:10	07/02/26 16:05	New York
480-240098-17	RI-BH-8 0-2	Solid	07/02/26 13:30	07/02/26 16:05	New York
480-240098-18	RI-BH-12 0-2	Solid	07/02/26 13:45	07/02/26 16:05	New York

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214744-42931.3
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 3 of 5
Company: Brydges Engineering in Environment & Energy DPC	PWS:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI - Soil	Project #: 48030331			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	6010D, 7471B, 9012B	8081B, 8082A, 8270E	8260D TCL VOCs + TICs (ML Bulk)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
RI-BH-3 0-2	7-2	11 30		Solid			X	X	X	X		
RI-BH-4 0-2	7 2	11 45		Solid								
RI-BH-9 0 2	7-2	11 55		Solid								
RI-BH-10 0 2	7-2	12 15		Solid								
RI-BH-11 0 2	7-2	12 30		Solid								
RI-BH-1 0-2	7-2	12 50		Solid								
RI-BH-2 0 2	7 2	1 10		Solid								
RI-BH-8 0-2	7-2	1 30		Solid								
RI-BH-12 0-2	7-2	1 45		Solid								
				Solid								
				Solid								

480-240098 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: William Lockhart	Date/Time: 7-2-26 1400	Company: BE3	Received by: [signature] Date/Time: 7-2-26 1605 Company: ET
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 4.1 IR#SC1 Ice

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99359.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240098-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/16/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RI-BH-3 0-2 (480-240098-10)	7/2/26	11:30 Eastern	G	Solid			X	1	
RI-BH-4 0-2 (480-240098-11)	7/2/26	11:45 Eastern	G	Solid			X	1	
RI-BH-9 0-2 (480-240098-12)	7/2/26	11:55 Eastern	G	Solid			X	1	
RI-BH-10 0-2 (480-240098-13)	7/2/26	12:15 Eastern	G	Solid			X	1	
RI-BH-11 0-2 (480-240098-14)	7/2/26	12:30 Eastern	G	Solid			X	1	
RI-BH-1 0-2 (480-240098-15)	7/2/26	12:50 Eastern	G	Solid			X	1	
RI-BH-2 0-2 (480-240098-16)	7/2/26	13:10 Eastern	G	Solid			X	1	
RI-BH-8 0-2 (480-240098-17)	7/2/26	13:30 Eastern	G	Solid			X	1	
RI-BH-12 0-2 (480-240098-18)	7/2/26	13:45 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	KS	7-6-24 1400				
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: Hazel Taylor	Date/Time: 7/7/26 1030	Company EUET

Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 0.4 C: 0.6

AW

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240098-1

Login Number: 240098

List Source: Eurofins Buffalo

List Number: 1

Creator: Stapleton, Kaitlyn

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Yes: Received same day of collection; chilling process has begun
Cooler Temperature is recorded.	True	14.1 IR#1 ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Brudges Engineering in Environmental & Energy
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240098-1

Login Number: 240098
List Number: 2
Creator: Williams, Aeric

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 07/07/26 01:30 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo, New York 14213

Generated 7/20/2026 10:36:44 AM

JOB DESCRIPTION

375 Michigan Remedial Investigation

JOB NUMBER

480-240170-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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7/20/2026 10:36:44 AM

Authorized for release by
John Beninati, Project Manager I
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Definitions/Glossary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-240170-1 Eurofins Buffalo

Job Narrative
480-240170-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/7/2026 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Air - GC/MS VOA
Method TO 15 LL: The method blank for analytical batch 410-849380 contained Isopropyl alcohol above the method detection limit. This target analyte concentration was less than half the reporting limit (1/2RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-VP-1 — Lab Sample ID: 480-240170-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	79	J	88	75	ug/m3	200		TO 15 LL	Total/NA
Acetone	3300		480	250	ug/m3	200		TO 15 LL	Total/NA
Cyclohexane	85	J	140	76	ug/m3	200		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	200	J	410	150	ug/m3	200		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	10000		290	120	ug/m3	200		TO 15 LL	Total/NA
n-Butane	3500		240	48	ug/m3	200		TO 15 LL	Total/NA
n-Heptane	96	J	160	45	ug/m3	200		TO 15 LL	Total/NA
n-Hexane	260	J	350	92	ug/m3	200		TO 15 LL	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	36	J	40	34	ppb v/v	200		TO 15 LL	Total/NA
Acetone	1400		200	110	ppb v/v	200		TO 15 LL	Total/NA
Cyclohexane	25	J	40	22	ppb v/v	200		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	50	J	100	36	ppb v/v	200		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3500		100	42	ppb v/v	200		TO 15 LL	Total/NA
n-Butane	1500		100	20	ppb v/v	200		TO 15 LL	Total/NA
n-Heptane	23	J	40	11	ppb v/v	200		TO 15 LL	Total/NA
n-Hexane	74	J	100	26	ppb v/v	200		TO 15 LL	Total/NA

Client Sample ID: RI-UP-1 — Lab Sample ID: 480-240170-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	0.55		0.44	0.38	ug/m3	1		TO 15 LL	Total/NA
Acetone	72		2.4	1.3	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.53	J	0.64	0.35	ug/m3	1		TO 15 LL	Total/NA
Carbon disulfide	1.1	J	1.6	0.40	ug/m3	1		TO 15 LL	Total/NA
Cyclohexane	3.2		0.69	0.38	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.0		0.99	0.64	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	3.3	J	4.9	0.59	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	36		1.5	0.62	ug/m3	1		TO 15 LL	Total/NA
n-Butane	28		1.2	0.24	ug/m3	1		TO 15 LL	Total/NA
n-Heptane	1.3		0.82	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Hexane	2.5		1.8	0.46	ug/m3	1		TO 15 LL	Total/NA
tert-Butyl alcohol	1.7		1.5	0.64	ug/m3	1		TO 15 LL	Total/NA
Toluene	1.1		0.75	0.45	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.3		1.1	0.85	ug/m3	1		TO 15 LL	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	0.25		0.20	0.17	ppb v/v	1		TO 15 LL	Total/NA
Acetone	30		1.0	0.53	ppb v/v	1		TO 15 LL	Total/NA
Benzene	0.17	J	0.20	0.11	ppb v/v	1		TO 15 LL	Total/NA
Carbon disulfide	0.36	J	0.50	0.13	ppb v/v	1		TO 15 LL	Total/NA
Cyclohexane	0.93		0.20	0.11	ppb v/v	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	0.40		0.20	0.13	ppb v/v	1		TO 15 LL	Total/NA
Isopropyl alcohol	1.3	J	2.0	0.24	ppb v/v	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	12		0.50	0.21	ppb v/v	1		TO 15 LL	Total/NA
n-Butane	12		0.50	0.10	ppb v/v	1		TO 15 LL	Total/NA
n-Heptane	0.31		0.20	0.055	ppb v/v	1		TO 15 LL	Total/NA
n-Hexane	0.71		0.50	0.13	ppb v/v	1		TO 15 LL	Total/NA
tert-Butyl alcohol	0.57		0.50	0.21	ppb v/v	1		TO 15 LL	Total/NA
Toluene	0.29		0.20	0.12	ppb v/v	1		TO 15 LL	Total/NA
Trichlorofluoromethane	0.23		0.20	0.15	ppb v/v	1		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-VP-7 — Lab Sample ID: 480-240170-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	76	J	88	75	ug/m3	200		TO 15 LL	Total/NA
Acetone	5400		480	250	ug/m3	200		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	17000		290	120	ug/m3	200		TO 15 LL	Total/NA
n-Butane	1300		240	48	ug/m3	200		TO 15 LL	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	34	J	40	34	ppb v/v	200		TO 15 LL	Total/NA
Acetone	2300		200	110	ppb v/v	200		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5900		100	42	ppb v/v	200		TO 15 LL	Total/NA
n-Butane	560		100	20	ppb v/v	200		TO 15 LL	Total/NA

Client Sample ID: RI-IA-1 — Lab Sample ID: 480-240170-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Isopropyltoluene	1.1	J	2.7	1.0	ug/m3	1		TO 15 LL	Total/NA
Acetone	28		2.4	1.3	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.47	J	0.64	0.35	ug/m3	1		TO 15 LL	Total/NA
Chlorodifluoromethane	8.5		0.71	0.53	ug/m3	1		TO 15 LL	Total/NA
Chloromethane	2.2		1.0	0.50	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.7		0.99	0.64	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	4.7	J B	4.9	0.59	ug/m3	1		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.3	J	2.0	0.74	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.2		1.5	0.62	ug/m3	1		TO 15 LL	Total/NA
Styrene	2.8		0.85	0.51	ug/m3	1		TO 15 LL	Total/NA
tert-Butyl alcohol	1.0	J	1.5	0.64	ug/m3	1		TO 15 LL	Total/NA
Toluene	1.1		0.75	0.45	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.3		1.1	0.85	ug/m3	1		TO 15 LL	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Isopropyltoluene	0.20	J	0.50	0.19	ppb v/v	1		TO 15 LL	Total/NA
Acetone	12		1.0	0.53	ppb v/v	1		TO 15 LL	Total/NA
Benzene	0.15	J	0.20	0.11	ppb v/v	1		TO 15 LL	Total/NA
Chlorodifluoromethane	2.4		0.20	0.15	ppb v/v	1		TO 15 LL	Total/NA
Chloromethane	1.1		0.50	0.24	ppb v/v	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	0.55		0.20	0.13	ppb v/v	1		TO 15 LL	Total/NA
Isopropyl alcohol	1.9	J B	2.0	0.24	ppb v/v	1		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.32	J	0.50	0.18	ppb v/v	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1		0.50	0.21	ppb v/v	1		TO 15 LL	Total/NA
Styrene	0.66		0.20	0.12	ppb v/v	1		TO 15 LL	Total/NA
tert-Butyl alcohol	0.33	J	0.50	0.21	ppb v/v	1		TO 15 LL	Total/NA
Toluene	0.28		0.20	0.12	ppb v/v	1		TO 15 LL	Total/NA
Trichlorofluoromethane	0.23		0.20	0.15	ppb v/v	1		TO 15 LL	Total/NA

Client Sample ID: RI-UP-5 — Lab Sample ID: 480-240170-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3700		480	250	ug/m3	200		TO 15 LL	Total/NA
Cyclohexane	89	J	140	76	ug/m3	200		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	370	J	410	150	ug/m3	200		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	13000		290	120	ug/m3	200		TO 15 LL	Total/NA
n-Butane	1600		240	48	ug/m3	200		TO 15 LL	Total/NA
n-Hexane	170	J	350	92	ug/m3	200		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-UP-5 (Continued) — Lab Sample ID: 480-240170-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1600		200	110	ppb v/v	200		TO 15 LL	Total/NA
Cyclohexane	26	J	40	22	ppb v/v	200		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	91	J	100	36	ppb v/v	200		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4400		100	42	ppb v/v	200		TO 15 LL	Total/NA
n-Butane	660		100	20	ppb v/v	200		TO 15 LL	Total/NA
n-Hexane	49	J	100	26	ppb v/v	200		TO 15 LL	Total/NA

Client Sample ID: RI-VP-2 — Lab Sample ID: 480-240170-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	14	J	32	13	ug/m3	40		TO 15 LL	Total/NA
Acetone	5000		95	50	ug/m3	40		TO 15 LL	Total/NA
Carbon tetrachloride	18		8.8	5.5	ug/m3	40		TO 15 LL	Total/NA
Chloroethane	21	J	53	20	ug/m3	40		TO 15 LL	Total/NA
Chloromethane	28	J	41	20	ug/m3	40		TO 15 LL	Total/NA
Cyclohexane	41		28	15	ug/m3	40		TO 15 LL	Total/NA
Isopropyl alcohol	65	J	200	24	ug/m3	40		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	180		82	30	ug/m3	40		TO 15 LL	Total/NA
n-Butane	530		48	9.5	ug/m3	40		TO 15 LL	Total/NA
n-Heptane	120		33	9.0	ug/m3	40		TO 15 LL	Total/NA
n-Hexane	140		70	18	ug/m3	40		TO 15 LL	Total/NA
tert-Butyl alcohol	43	J	61	25	ug/m3	40		TO 15 LL	Total/NA
Toluene	31		30	18	ug/m3	40		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	16000		590	250	ug/m3	400		TO 15 LL	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	3.5	J	8.0	3.2	ppb v/v	40		TO 15 LL	Total/NA
Acetone	2100		40	21	ppb v/v	40		TO 15 LL	Total/NA
Carbon tetrachloride	2.8		1.4	0.88	ppb v/v	40		TO 15 LL	Total/NA
Chloroethane	7.8	J	20	7.6	ppb v/v	40		TO 15 LL	Total/NA
Chloromethane	13	J	20	9.6	ppb v/v	40		TO 15 LL	Total/NA
Cyclohexane	12		8.0	4.4	ppb v/v	40		TO 15 LL	Total/NA
Isopropyl alcohol	26	J	80	9.6	ppb v/v	40		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	44		20	7.2	ppb v/v	40		TO 15 LL	Total/NA
n-Butane	220		20	4.0	ppb v/v	40		TO 15 LL	Total/NA
n-Heptane	29		8.0	2.2	ppb v/v	40		TO 15 LL	Total/NA
n-Hexane	40		20	5.2	ppb v/v	40		TO 15 LL	Total/NA
tert-Butyl alcohol	14	J	20	8.4	ppb v/v	40		TO 15 LL	Total/NA
Toluene	8.3		8.0	4.8	ppb v/v	40		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	5400		200	84	ppb v/v	400		TO 15 LL	Total/NA

Client Sample ID: RI-SS-1 — Lab Sample ID: 480-240170-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	6.3		3.9	1.6	ug/m3	4		TO 15 LL	Total/NA
1,2-Dichloroethane	6.7		3.2	1.3	ug/m3	4		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	4.0		3.9	0.92	ug/m3	4		TO 15 LL	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.9	J	8.2	2.5	ug/m3	4		TO 15 LL	Total/NA
Acetone	430		9.5	5.0	ug/m3	4		TO 15 LL	Total/NA
Benzene	21		2.6	1.4	ug/m3	4		TO 15 LL	Total/NA
Carbon disulfide	17		6.2	1.6	ug/m3	4		TO 15 LL	Total/NA
Cumene	4.1		3.9	0.81	ug/m3	4		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-SS-1 (Continued)
Lab Sample ID: 480-240170-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	350		2.8	1.5	ug/m3	4		TO 15 LL	Total/NA
Ethylbenzene	17		3.5	3.3	ug/m3	4		TO 15 LL	Total/NA
Isopropyl alcohol	12	J	20	2.4	ug/m3	4		TO 15 LL	Total/NA
m,p-Xylene	70		8.7	4.5	ug/m3	4		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	15		5.9	2.5	ug/m3	4		TO 15 LL	Total/NA
n-Butane	270		4.8	0.95	ug/m3	4		TO 15 LL	Total/NA
n-Heptane	380		3.3	0.90	ug/m3	4		TO 15 LL	Total/NA
n-Hexane	290		7.0	1.8	ug/m3	4		TO 15 LL	Total/NA
N-Propylbenzene	3.5	J	3.9	0.92	ug/m3	4		TO 15 LL	Total/NA
o-Xylene	15		3.5	0.90	ug/m3	4		TO 15 LL	Total/NA
sec-Butylbenzene	1.2	J	4.4	0.99	ug/m3	4		TO 15 LL	Total/NA
Styrene	3.1	J	3.4	2.0	ug/m3	4		TO 15 LL	Total/NA
tert-Butyl alcohol	68		6.1	2.5	ug/m3	4		TO 15 LL	Total/NA
Tetrachloroethene	8.2		5.4	1.0	ug/m3	4		TO 15 LL	Total/NA
Tetrahydrofuran	3.7	J	12	2.8	ug/m3	4		TO 15 LL	Total/NA
Toluene	43		3.0	1.8	ug/m3	4		TO 15 LL	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.3		0.80	0.32	ppb v/v	4		TO 15 LL	Total/NA
1,2-Dichloroethane	1.7		0.80	0.32	ppb v/v	4		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	0.81		0.80	0.19	ppb v/v	4		TO 15 LL	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.5	J	2.0	0.60	ppb v/v	4		TO 15 LL	Total/NA
Acetone	180		4.0	2.1	ppb v/v	4		TO 15 LL	Total/NA
Benzene	6.5		0.80	0.44	ppb v/v	4		TO 15 LL	Total/NA
Carbon disulfide	5.6		2.0	0.52	ppb v/v	4		TO 15 LL	Total/NA
Cumene	0.83		0.80	0.16	ppb v/v	4		TO 15 LL	Total/NA
Cyclohexane	100		0.80	0.44	ppb v/v	4		TO 15 LL	Total/NA
Ethylbenzene	4.0		0.80	0.76	ppb v/v	4		TO 15 LL	Total/NA
Isopropyl alcohol	4.8	J	8.0	0.96	ppb v/v	4		TO 15 LL	Total/NA
m,p-Xylene	16		2.0	1.0	ppb v/v	4		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5.2		2.0	0.84	ppb v/v	4		TO 15 LL	Total/NA
n-Butane	110		2.0	0.40	ppb v/v	4		TO 15 LL	Total/NA
n-Heptane	93		0.80	0.22	ppb v/v	4		TO 15 LL	Total/NA
n-Hexane	82		2.0	0.52	ppb v/v	4		TO 15 LL	Total/NA
N-Propylbenzene	0.72	J	0.80	0.19	ppb v/v	4		TO 15 LL	Total/NA
o-Xylene	3.6		0.80	0.21	ppb v/v	4		TO 15 LL	Total/NA
sec-Butylbenzene	0.21	J	0.80	0.18	ppb v/v	4		TO 15 LL	Total/NA
Styrene	0.72	J	0.80	0.48	ppb v/v	4		TO 15 LL	Total/NA
tert-Butyl alcohol	22		2.0	0.84	ppb v/v	4		TO 15 LL	Total/NA
Tetrachloroethene	1.2		0.80	0.15	ppb v/v	4		TO 15 LL	Total/NA
Tetrahydrofuran	1.3	J	4.0	0.96	ppb v/v	4		TO 15 LL	Total/NA
Toluene	11		0.80	0.48	ppb v/v	4		TO 15 LL	Total/NA

Client Sample ID: RI-VP-4
Lab Sample ID: 480-240170-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	43		18	15	ug/m3	40		TO 15 LL	Total/NA
Acetone	3300		95	50	ug/m3	40		TO 15 LL	Total/NA
Carbon disulfide	37	J	62	16	ug/m3	40		TO 15 LL	Total/NA
Chloromethane	25	J	41	20	ug/m3	40		TO 15 LL	Total/NA
Cyclohexane	43		28	15	ug/m3	40		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: RI-VP-4 (Continued)
Lab Sample ID: 480-240170-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropyl alcohol	46	J	200	24	ug/m3	40		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	37	J	82	30	ug/m3	40		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	6500		59	25	ug/m3	40		TO 15 LL	Total/NA
n-Butane	730		48	9.5	ug/m3	40		TO 15 LL	Total/NA
n-Heptane	51		33	9.0	ug/m3	40		TO 15 LL	Total/NA
n-Hexane	110		70	18	ug/m3	40		TO 15 LL	Total/NA
tert-Butyl alcohol	35	J	61	25	ug/m3	40		TO 15 LL	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	20		8.0	6.8	ppb v/v	40		TO 15 LL	Total/NA
Acetone	1400		40	21	ppb v/v	40		TO 15 LL	Total/NA
Carbon disulfide	12	J	20	5.2	ppb v/v	40		TO 15 LL	Total/NA
Chloromethane	12	J	20	9.6	ppb v/v	40		TO 15 LL	Total/NA
Cyclohexane	13		8.0	4.4	ppb v/v	40		TO 15 LL	Total/NA
Isopropyl alcohol	19	J	80	9.6	ppb v/v	40		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	9.0	J	20	7.2	ppb v/v	40		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2200		20	8.4	ppb v/v	40		TO 15 LL	Total/NA
n-Butane	310		20	4.0	ppb v/v	40		TO 15 LL	Total/NA
n-Heptane	13		8.0	2.2	ppb v/v	40		TO 15 LL	Total/NA
n-Hexane	31		20	5.2	ppb v/v	40		TO 15 LL	Total/NA
tert-Butyl alcohol	11	J	20	8.4	ppb v/v	40		TO 15 LL	Total/NA

Client Sample ID: RI-VP-6
Lab Sample ID: 480-240170-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8400		950	500	ug/m3	400		TO 15 LL	Total/NA
Isopropyl alcohol	1000	J	2000	240	ug/m3	400		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	520	J	820	300	ug/m3	400		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	24000		590	250	ug/m3	400		TO 15 LL	Total/NA
n-Butane	1200		480	95	ug/m3	400		TO 15 LL	Total/NA
n-Hexane	280	J	700	180	ug/m3	400		TO 15 LL	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3500		400	210	ppb v/v	400		TO 15 LL	Total/NA
Isopropyl alcohol	420	J	800	96	ppb v/v	400		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	130	J	200	72	ppb v/v	400		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	8100		200	84	ppb v/v	400		TO 15 LL	Total/NA
n-Butane	490		200	40	ppb v/v	400		TO 15 LL	Total/NA
n-Hexane	81	J	200	52	ppb v/v	400		TO 15 LL	Total/NA

Client Sample ID: RI-VP-3
Lab Sample ID: 480-240170-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	50		18	15	ug/m3	40		TO 15 LL	Total/NA
Acetone	1900		95	50	ug/m3	40		TO 15 LL	Total/NA
Cyclohexane	32		28	15	ug/m3	40		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	53	J	82	30	ug/m3	40		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5700		59	25	ug/m3	40		TO 15 LL	Total/NA
n-Butane	660		48	9.5	ug/m3	40		TO 15 LL	Total/NA
n-Heptane	52		33	9.0	ug/m3	40		TO 15 LL	Total/NA
n-Hexane	110		70	18	ug/m3	40		TO 15 LL	Total/NA
tert-Butyl alcohol	26	J	61	25	ug/m3	40		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RI-VP-3 (Continued)
Lab Sample ID: 480-240170-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	23		8.0	6.8	ppb v/v	40		TO 15 LL	Total/NA
Acetone	780		40	21	ppb v/v	40		TO 15 LL	Total/NA
Cyclohexane	9.4		8.0	4.4	ppb v/v	40		TO 15 LL	Total/NA
Methyl Butyl Ketone (2-Hexanone)	13	J	20	7.2	ppb v/v	40		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1900		20	8.4	ppb v/v	40		TO 15 LL	Total/NA
n-Butane	280		20	4.0	ppb v/v	40		TO 15 LL	Total/NA
n-Heptane	13		8.0	2.2	ppb v/v	40		TO 15 LL	Total/NA
n-Hexane	31		20	5.2	ppb v/v	40		TO 15 LL	Total/NA
tert-Butyl alcohol	8.7	J	20	8.4	ppb v/v	40		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-VP-1
Lab Sample ID: 480-240170-1
Date Collected: 07/02/26 03:10
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		220	130	ug/m3			07/14/26 14:40	200
1,1,2,2-Tetrachloroethane	ND		270	210	ug/m3			07/14/26 14:40	200
1,1,2-Trichloroethane	ND		220	130	ug/m3			07/14/26 14:40	200
1,1,2-Trichlorotrifluoroethane	ND		310	170	ug/m3			07/14/26 14:40	200
1,1-Dichloroethane	ND		160	72	ug/m3			07/14/26 14:40	200
1,1-Dichloroethene	ND		40	21	ug/m3			07/14/26 14:40	200
1,2,4-Trichlorobenzene	ND		740	560	ug/m3			07/14/26 14:40	200
1,2,4-Trimethylbenzene	ND		200	79	ug/m3			07/14/26 14:40	200
1,2-Dibromoethane	ND		310	200	ug/m3			07/14/26 14:40	200
1,2-Dichlorobenzene	ND		240	140	ug/m3			07/14/26 14:40	200
1,2-Dichloroethane	ND		160	65	ug/m3			07/14/26 14:40	200
1,2-Dichloropropane	ND		180	120	ug/m3			07/14/26 14:40	200
1,2-Dichlorotetrafluoroethane	ND		280	170	ug/m3			07/14/26 14:40	200
1,3,5-Trimethylbenzene	ND		200	46	ug/m3			07/14/26 14:40	200
1,3-Butadiene	**79**	**J**	88	75	ug/m3			07/14/26 14:40	200
1,3-Dichlorobenzene	ND		240	160	ug/m3			07/14/26 14:40	200
1,4-Dichlorobenzene	ND		240	200	ug/m3			07/14/26 14:40	200
1,4-Dioxane	ND		140	120	ug/m3			07/14/26 14:40	200
2,2,4-Trimethylpentane	ND		190	120	ug/m3			07/14/26 14:40	200
2-Chlorotoluene	ND		210	48	ug/m3			07/14/26 14:40	200
3-Chloropropene	ND		310	94	ug/m3			07/14/26 14:40	200
4-Ethyltoluene	ND		200	180	ug/m3			07/14/26 14:40	200
4-Isopropyltoluene	ND		550	210	ug/m3			07/14/26 14:40	200
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		410	120	ug/m3			07/14/26 14:40	200
Acetone	**3300**		480	250	ug/m3			07/14/26 14:40	200
Benzene	ND		130	70	ug/m3			07/14/26 14:40	200
Benzyl chloride	ND		210	91	ug/m3			07/14/26 14:40	200
Bromodichloromethane	ND		270	160	ug/m3			07/14/26 14:40	200
Bromoethene(Vinyl Bromide)	ND		170	160	ug/m3			07/14/26 14:40	200
Bromoform	ND		410	350	ug/m3			07/14/26 14:40	200
Bromomethane	ND		160	140	ug/m3			07/14/26 14:40	200
Carbon disulfide	ND		310	81	ug/m3			07/14/26 14:40	200
Carbon tetrachloride	ND		44	28	ug/m3			07/14/26 14:40	200
Chlorobenzene	ND		180	120	ug/m3			07/14/26 14:40	200
Chlorodifluoromethane	ND		140	110	ug/m3			07/14/26 14:40	200
Chloroethane	ND		260	100	ug/m3			07/14/26 14:40	200
Chloroform	ND		200	90	ug/m3			07/14/26 14:40	200
Chloromethane	ND		210	99	ug/m3			07/14/26 14:40	200
cis-1,2-Dichloroethene	ND		40	17	ug/m3			07/14/26 14:40	200
cis-1,3-Dichloropropene	ND		180	91	ug/m3			07/14/26 14:40	200
Cumene	ND		200	40	ug/m3			07/14/26 14:40	200
Cyclohexane	**85**	**J**	140	76	ug/m3			07/14/26 14:40	200
Dibromochloromethane	ND		340	220	ug/m3			07/14/26 14:40	200
Dichlorodifluoromethane	ND		200	130	ug/m3			07/14/26 14:40	200
Ethylbenzene	ND		170	170	ug/m3			07/14/26 14:40	200
Hexachlorobutadiene	ND		430	230	ug/m3			07/14/26 14:40	200
Isopropyl alcohol	ND		980	120	ug/m3			07/14/26 14:40	200
m,p-Xylene	ND		430	230	ug/m3			07/14/26 14:40	200

Client Sample ID: RI-VP-1
Lab Sample ID: 480-240170-1
Date Collected: 07/02/26 03:10
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	**200**	**J**	410	150	ug/m3			07/14/26 14:40	200
Methyl Ethyl Ketone (2-Butanone)	**10000**		290	120	ug/m3			07/14/26 14:40	200
Methyl methacrylate	ND		160	120	ug/m3			07/14/26 14:40	200
Methyl tert-butyl ether	ND		140	110	ug/m3			07/14/26 14:40	200
Methylene Chloride	ND		350	170	ug/m3			07/14/26 14:40	200
Naphthalene	ND		400	310	ug/m3			07/14/26 14:40	200
n-Butane	**3500**		240	48	ug/m3			07/14/26 14:40	200
n-Butylbenzene	ND		220	120	ug/m3			07/14/26 14:40	200
n-Heptane	**96**	**J**	160	45	ug/m3			07/14/26 14:40	200
n-Hexane	**260**	**J**	350	92	ug/m3			07/14/26 14:40	200
N-Propylbenzene	ND		200	46	ug/m3			07/14/26 14:40	200
o-Xylene	ND		170	45	ug/m3			07/14/26 14:40	200
sec-Butylbenzene	ND		220	49	ug/m3			07/14/26 14:40	200
Styrene	ND		170	100	ug/m3			07/14/26 14:40	200
tert-Butyl alcohol	ND		300	130	ug/m3			07/14/26 14:40	200
tert-Butylbenzene	ND		220	52	ug/m3			07/14/26 14:40	200
Tetrachloroethene	ND		270	52	ug/m3			07/14/26 14:40	200
Tetrahydrofuran	ND		590	140	ug/m3			07/14/26 14:40	200
Toluene	ND		150	90	ug/m3			07/14/26 14:40	200
trans-1,2-Dichloroethene	ND		160	95	ug/m3			07/14/26 14:40	200
trans-1,3-Dichloropropene	ND		180	110	ug/m3			07/14/26 14:40	200
Trichloroethene	ND		40	22	ug/m3			07/14/26 14:40	200
Trichlorofluoromethane	ND		220	170	ug/m3			07/14/26 14:40	200
Vinyl chloride	ND		40	20	ug/m3			07/14/26 14:40	200

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	24	ppb v/v			07/14/26 14:40	200
1,1,2,2-Tetrachloroethane	ND		40	30	ppb v/v			07/14/26 14:40	200
1,1,2-Trichloroethane	ND		40	24	ppb v/v			07/14/26 14:40	200
1,1,2-Trichlorotrifluoroethane	ND		40	22	ppb v/v			07/14/26 14:40	200
1,1-Dichloroethane	ND		40	18	ppb v/v			07/14/26 14:40	200
1,1-Dichloroethene	ND		10	5.2	ppb v/v			07/14/26 14:40	200
1,2,4-Trichlorobenzene	ND		100	76	ppb v/v			07/14/26 14:40	200
1,2,4-Trimethylbenzene	ND		40	16	ppb v/v			07/14/26 14:40	200
1,2-Dibromoethane	ND		40	26	ppb v/v			07/14/26 14:40	200
1,2-Dichlorobenzene	ND		40	24	ppb v/v			07/14/26 14:40	200
1,2-Dichloroethane	ND		40	16	ppb v/v			07/14/26 14:40	200
1,2-Dichloropropane	ND		40	26	ppb v/v			07/14/26 14:40	200
1,2-Dichlorotetrafluoroethane	ND		40	24	ppb v/v			07/14/26 14:40	200
1,3,5-Trimethylbenzene	ND		40	9.4	ppb v/v			07/14/26 14:40	200
1,3-Butadiene	**36**	**J**	40	34	ppb v/v			07/14/26 14:40	200
1,3-Dichlorobenzene	ND		40	26	ppb v/v			07/14/26 14:40	200
1,4-Dichlorobenzene	ND		40	34	ppb v/v			07/14/26 14:40	200
1,4-Dioxane	ND		40	34	ppb v/v			07/14/26 14:40	200
2,2,4-Trimethylpentane	ND		40	26	ppb v/v			07/14/26 14:40	200
2-Chlorotoluene	ND		40	9.2	ppb v/v			07/14/26 14:40	200
3-Chloropropene	ND		100	30	ppb v/v			07/14/26 14:40	200
4-Ethyltoluene	ND		40	36	ppb v/v			07/14/26 14:40	200
4-Isopropyltoluene	ND		100	38	ppb v/v			07/14/26 14:40	200

Client Sample ID: RI-VP-1
Lab Sample ID: 480-240170-1
Date Collected: 07/02/26 03:10
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		100	30	ppb v/v			07/14/26 14:40	200
Acetone	**1400**		200	110	ppb v/v			07/14/26 14:40	200
Benzene	ND		40	22	ppb v/v			07/14/26 14:40	200
Benzyl chloride	ND		40	18	ppb v/v			07/14/26 14:40	200
Bromodichloromethane	ND		40	24	ppb v/v			07/14/26 14:40	200
Bromoethene(Vinyl Bromide)	ND		40	36	ppb v/v			07/14/26 14:40	200
Bromoform	ND		40	34	ppb v/v			07/14/26 14:40	200
Bromomethane	ND		40	36	ppb v/v			07/14/26 14:40	200
Carbon disulfide	ND		100	26	ppb v/v			07/14/26 14:40	200
Carbon tetrachloride	ND		7.0	4.4	ppb v/v			07/14/26 14:40	200
Chlorobenzene	ND		40	26	ppb v/v			07/14/26 14:40	200
Chlorodifluoromethane	ND		40	30	ppb v/v			07/14/26 14:40	200
Chloroethane	ND		100	38	ppb v/v			07/14/26 14:40	200
Chloroform	ND		40	18	ppb v/v			07/14/26 14:40	200
Chloromethane	ND		100	48	ppb v/v			07/14/26 14:40	200
cis-1,2-Dichloroethene	ND		10	4.2	ppb v/v			07/14/26 14:40	200
cis-1,3-Dichloropropene	ND		40	20	ppb v/v			07/14/26 14:40	200
Cumene	ND		40	8.2	ppb v/v			07/14/26 14:40	200
Cyclohexane	**25**	**J**	40	22	ppb v/v			07/14/26 14:40	200
Dibromochloromethane	ND		40	26	ppb v/v			07/14/26 14:40	200
Dichlorodifluoromethane	ND		40	26	ppb v/v			07/14/26 14:40	200
Ethylbenzene	ND		40	38	ppb v/v			07/14/26 14:40	200
Hexachlorobutadiene	ND		40	22	ppb v/v			07/14/26 14:40	200
Isopropyl alcohol	ND		400	48	ppb v/v			07/14/26 14:40	200
m,p-Xylene	ND		100	52	ppb v/v			07/14/26 14:40	200
Methyl Butyl Ketone (2-Hexanone)	**50**	**J**	100	36	ppb v/v			07/14/26 14:40	200
Methyl Ethyl Ketone (2-Butanone)	**3500**		100	42	ppb v/v			07/14/26 14:40	200
Methyl methacrylate	ND		40	30	ppb v/v			07/14/26 14:40	200
Methyl tert-butyl ether	ND		40	30	ppb v/v			07/14/26 14:40	200
Methylene Chloride	ND		100	50	ppb v/v			07/14/26 14:40	200
Naphthalene	ND		76	60	ppb v/v			07/14/26 14:40	200
n-Butane	**1500**		100	20	ppb v/v			07/14/26 14:40	200
n-Butylbenzene	ND		40	22	ppb v/v			07/14/26 14:40	200
n-Heptane	**23**	**J**	40	11	ppb v/v			07/14/26 14:40	200
n-Hexane	**74**	**J**	100	26	ppb v/v			07/14/26 14:40	200
N-Propylbenzene	ND		40	9.4	ppb v/v			07/14/26 14:40	200
o-Xylene	ND		40	10	ppb v/v			07/14/26 14:40	200
sec-Butylbenzene	ND		40	9.0	ppb v/v			07/14/26 14:40	200
Styrene	ND		40	24	ppb v/v			07/14/26 14:40	200
tert-Butyl alcohol	ND		100	42	ppb v/v			07/14/26 14:40	200
tert-Butylbenzene	ND		40	9.4	ppb v/v			07/14/26 14:40	200
Tetrachloroethene	ND		40	7.6	ppb v/v			07/14/26 14:40	200
Tetrahydrofuran	ND		200	48	ppb v/v			07/14/26 14:40	200
Toluene	ND		40	24	ppb v/v			07/14/26 14:40	200
trans-1,2-Dichloroethene	ND		40	24	ppb v/v			07/14/26 14:40	200
trans-1,3-Dichloropropene	ND		40	24	ppb v/v			07/14/26 14:40	200
Trichloroethene	ND		7.4	4.2	ppb v/v			07/14/26 14:40	200
Trichlorofluoromethane	ND		40	30	ppb v/v			07/14/26 14:40	200

Client Sample ID: RI-VP-1
Lab Sample ID: 480-240170-1

Date Collected: 07/02/26 03:10
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		16	8.0	ppb v/v			07/14/26 14:40	200

Client Sample ID: RI-UP-1
Lab Sample ID: 480-240170-2

Date Collected: 07/02/26 02:30
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.65	ug/m3			07/15/26 21:59	1
1,1,2,2-Tetrachloroethane	ND		1.4	1.0	ug/m3			07/15/26 21:59	1
1,1,2-Trichloroethane	ND		1.1	0.65	ug/m3			07/15/26 21:59	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.84	ug/m3			07/15/26 21:59	1
1,1-Dichloroethane	ND		0.81	0.36	ug/m3			07/15/26 21:59	1
1,1-Dichloroethene	ND		0.20	0.10	ug/m3			07/15/26 21:59	1
1,2,4-Trichlorobenzene	ND		3.7	2.8	ug/m3			07/15/26 21:59	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			07/15/26 21:59	1
1,2-Dibromoethane	ND		1.5	1.0	ug/m3			07/15/26 21:59	1
1,2-Dichlorobenzene	ND		1.2	0.72	ug/m3			07/15/26 21:59	1
1,2-Dichloroethane	ND		0.81	0.32	ug/m3			07/15/26 21:59	1
1,2-Dichloropropane	ND		0.92	0.60	ug/m3			07/15/26 21:59	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.84	ug/m3			07/15/26 21:59	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			07/15/26 21:59	1
1,3-Butadiene	**0.55**		0.44	0.38	ug/m3			07/15/26 21:59	1
1,3-Dichlorobenzene	ND		1.2	0.78	ug/m3			07/15/26 21:59	1
1,4-Dichlorobenzene	ND		1.2	1.0	ug/m3			07/15/26 21:59	1
1,4-Dioxane	ND		0.72	0.61	ug/m3			07/15/26 21:59	1
2,2,4-Trimethylpentane	ND		0.93	0.61	ug/m3			07/15/26 21:59	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			07/15/26 21:59	1
3-Chloropropene	ND		1.6	0.47	ug/m3			07/15/26 21:59	1
4-Ethyltoluene	ND		0.98	0.88	ug/m3			07/15/26 21:59	1
4-Isopropyltoluene	ND		2.7	1.0	ug/m3			07/15/26 21:59	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.61	ug/m3			07/15/26 21:59	1
Acetone	**72**		2.4	1.3	ug/m3			07/15/26 21:59	1
Benzene	**0.53**	**J**	0.64	0.35	ug/m3			07/15/26 21:59	1
Benzyl chloride	ND		1.0	0.46	ug/m3			07/15/26 21:59	1
Bromodichloromethane	ND		1.3	0.80	ug/m3			07/15/26 21:59	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.79	ug/m3			07/15/26 21:59	1
Bromoform	ND		2.1	1.8	ug/m3			07/15/26 21:59	1
Bromomethane	ND		0.78	0.70	ug/m3			07/15/26 21:59	1
Carbon disulfide	**1.1**	**J**	1.6	0.40	ug/m3			07/15/26 21:59	1
Carbon tetrachloride	ND		0.22	0.14	ug/m3			07/15/26 21:59	1
Chlorobenzene	ND		0.92	0.60	ug/m3			07/15/26 21:59	1
Chlorodifluoromethane	ND		0.71	0.53	ug/m3			07/15/26 21:59	1
Chloroethane	ND		1.3	0.50	ug/m3			07/15/26 21:59	1
Chloroform	ND		0.98	0.45	ug/m3			07/15/26 21:59	1
Chloromethane	ND		1.0	0.50	ug/m3			07/15/26 21:59	1
cis-1,2-Dichloroethene	ND		0.20	0.083	ug/m3			07/15/26 21:59	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-UP-1
Lab Sample ID: 480-240170-2
Date Collected: 07/02/26 02:30
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.91	0.45	ug/m3			07/15/26 21:59	1
Cumene	ND		0.98	0.20	ug/m3			07/15/26 21:59	1
Cyclohexane	**3.2**		0.69	0.38	ug/m3			07/15/26 21:59	1
Dibromochloromethane	ND		1.7	1.1	ug/m3			07/15/26 21:59	1
Dichlorodifluoromethane	**2.0**		0.99	0.64	ug/m3			07/15/26 21:59	1
Ethylbenzene	ND		0.87	0.83	ug/m3			07/15/26 21:59	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			07/15/26 21:59	1
Isopropyl alcohol	**3.3**	**J**	4.9	0.59	ug/m3			07/15/26 21:59	1
m,p-Xylene	ND		2.2	1.1	ug/m3			07/15/26 21:59	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.74	ug/m3			07/15/26 21:59	1
Methyl Ethyl Ketone (2-Butanone)	**36**		1.5	0.62	ug/m3			07/15/26 21:59	1
Methyl methacrylate	ND		0.82	0.61	ug/m3			07/15/26 21:59	1
Methyl tert-butyl ether	ND		0.72	0.54	ug/m3			07/15/26 21:59	1
Methylene Chloride	ND		1.7	0.87	ug/m3			07/15/26 21:59	1
Naphthalene	ND		2.0	1.6	ug/m3			07/15/26 21:59	1
n-Butane	**28**		1.2	0.24	ug/m3			07/15/26 21:59	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			07/15/26 21:59	1
n-Heptane	**1.3**		0.82	0.23	ug/m3			07/15/26 21:59	1
n-Hexane	**2.5**		1.8	0.46	ug/m3			07/15/26 21:59	1
N-Propylbenzene	ND		0.98	0.23	ug/m3			07/15/26 21:59	1
o-Xylene	ND		0.87	0.23	ug/m3			07/15/26 21:59	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			07/15/26 21:59	1
Styrene	ND		0.85	0.51	ug/m3			07/15/26 21:59	1
tert-Butyl alcohol	**1.7**		1.5	0.64	ug/m3			07/15/26 21:59	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			07/15/26 21:59	1
Tetrachloroethene	ND		1.4	0.26	ug/m3			07/15/26 21:59	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			07/15/26 21:59	1
Toluene	**1.1**		0.75	0.45	ug/m3			07/15/26 21:59	1
trans-1,2-Dichloroethene	ND		0.79	0.48	ug/m3			07/15/26 21:59	1
trans-1,3-Dichloropropene	ND		0.91	0.54	ug/m3			07/15/26 21:59	1
Trichloroethene	ND		0.20	0.11	ug/m3			07/15/26 21:59	1
Trichlorofluoromethane	**1.3**		1.1	0.85	ug/m3			07/15/26 21:59	1
Vinyl chloride	ND		0.20	0.10	ug/m3			07/15/26 21:59	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.12	ppb v/v			07/15/26 21:59	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.15	ppb v/v			07/15/26 21:59	1
1,1,2-Trichloroethane	ND		0.20	0.12	ppb v/v			07/15/26 21:59	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.11	ppb v/v			07/15/26 21:59	1
1,1-Dichloroethane	ND		0.20	0.089	ppb v/v			07/15/26 21:59	1
1,1-Dichloroethene	ND		0.051	0.026	ppb v/v			07/15/26 21:59	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ppb v/v			07/15/26 21:59	1
1,2,4-Trimethylbenzene	ND		0.20	0.080	ppb v/v			07/15/26 21:59	1
1,2-Dibromoethane	ND		0.20	0.13	ppb v/v			07/15/26 21:59	1
1,2-Dichlorobenzene	ND		0.20	0.12	ppb v/v			07/15/26 21:59	1
1,2-Dichloroethane	ND		0.20	0.080	ppb v/v			07/15/26 21:59	1
1,2-Dichloropropane	ND		0.20	0.13	ppb v/v			07/15/26 21:59	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.12	ppb v/v			07/15/26 21:59	1
1,3,5-Trimethylbenzene	ND		0.20	0.047	ppb v/v			07/15/26 21:59	1

Client Sample ID: RI-UP-1
Lab Sample ID: 480-240170-2
Date Collected: 07/02/26 02:30
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Butadiene	**0.25**		0.20	0.17	ppb v/v			07/15/26 21:59	1
1,3-Dichlorobenzene	ND		0.20	0.13	ppb v/v			07/15/26 21:59	1
1,4-Dichlorobenzene	ND		0.20	0.17	ppb v/v			07/15/26 21:59	1
1,4-Dioxane	ND		0.20	0.17	ppb v/v			07/15/26 21:59	1
2,2,4-Trimethylpentane	ND		0.20	0.13	ppb v/v			07/15/26 21:59	1
2-Chlorotoluene	ND		0.20	0.046	ppb v/v			07/15/26 21:59	1
3-Chloropropene	ND		0.50	0.15	ppb v/v			07/15/26 21:59	1
4-Ethyltoluene	ND		0.20	0.18	ppb v/v			07/15/26 21:59	1
4-Isopropyltoluene	ND		0.50	0.19	ppb v/v			07/15/26 21:59	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.15	ppb v/v			07/15/26 21:59	1
Acetone	**30**		1.0	0.53	ppb v/v			07/15/26 21:59	1
Benzene	**0.17**	**J**	0.20	0.11	ppb v/v			07/15/26 21:59	1
Benzyl chloride	ND		0.20	0.088	ppb v/v			07/15/26 21:59	1
Bromodichloromethane	ND		0.20	0.12	ppb v/v			07/15/26 21:59	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.18	ppb v/v			07/15/26 21:59	1
Bromoform	ND		0.20	0.17	ppb v/v			07/15/26 21:59	1
Bromomethane	ND		0.20	0.18	ppb v/v			07/15/26 21:59	1
Carbon disulfide	**0.36**	**J**	0.50	0.13	ppb v/v			07/15/26 21:59	1
Carbon tetrachloride	ND		0.035	0.022	ppb v/v			07/15/26 21:59	1
Chlorobenzene	ND		0.20	0.13	ppb v/v			07/15/26 21:59	1
Chlorodifluoromethane	ND		0.20	0.15	ppb v/v			07/15/26 21:59	1
Chloroethane	ND		0.50	0.19	ppb v/v			07/15/26 21:59	1
Chloroform	ND		0.20	0.092	ppb v/v			07/15/26 21:59	1
Chloromethane	ND		0.50	0.24	ppb v/v			07/15/26 21:59	1
cis-1,2-Dichloroethene	ND		0.051	0.021	ppb v/v			07/15/26 21:59	1
cis-1,3-Dichloropropene	ND		0.20	0.10	ppb v/v			07/15/26 21:59	1
Cumene	ND		0.20	0.041	ppb v/v			07/15/26 21:59	1
Cyclohexane	**0.93**		0.20	0.11	ppb v/v			07/15/26 21:59	1
Dibromochloromethane	ND		0.20	0.13	ppb v/v			07/15/26 21:59	1
Dichlorodifluoromethane	**0.40**		0.20	0.13	ppb v/v			07/15/26 21:59	1
Ethylbenzene	ND		0.20	0.19	ppb v/v			07/15/26 21:59	1
Hexachlorobutadiene	ND		0.20	0.11	ppb v/v			07/15/26 21:59	1
Isopropyl alcohol	**1.3**	**J**	2.0	0.24	ppb v/v			07/15/26 21:59	1
m,p-Xylene	ND		0.50	0.26	ppb v/v			07/15/26 21:59	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.18	ppb v/v			07/15/26 21:59	1
Methyl Ethyl Ketone (2-Butanone)	**12**		0.50	0.21	ppb v/v			07/15/26 21:59	1
Methyl methacrylate	ND		0.20	0.15	ppb v/v			07/15/26 21:59	1
Methyl tert-butyl ether	ND		0.20	0.15	ppb v/v			07/15/26 21:59	1
Methylene Chloride	ND		0.50	0.25	ppb v/v			07/15/26 21:59	1
Naphthalene	ND		0.38	0.30	ppb v/v			07/15/26 21:59	1
n-Butane	**12**		0.50	0.10	ppb v/v			07/15/26 21:59	1
n-Butylbenzene	ND		0.20	0.11	ppb v/v			07/15/26 21:59	1
n-Heptane	**0.31**		0.20	0.055	ppb v/v			07/15/26 21:59	1
n-Hexane	**0.71**		0.50	0.13	ppb v/v			07/15/26 21:59	1
N-Propylbenzene	ND		0.20	0.047	ppb v/v			07/15/26 21:59	1
o-Xylene	ND		0.20	0.052	ppb v/v			07/15/26 21:59	1
sec-Butylbenzene	ND		0.20	0.045	ppb v/v			07/15/26 21:59	1
Styrene	ND		0.20	0.12	ppb v/v			07/15/26 21:59	1

Client Sample ID: RI-UP-1
Lab Sample ID: 480-240170-2

Date Collected: 07/02/26 02:30
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol	**0.57**		0.50	0.21	ppb v/v			07/15/26 21:59	1
tert-Butylbenzene	ND		0.20	0.047	ppb v/v			07/15/26 21:59	1
Tetrachloroethene	ND		0.20	0.038	ppb v/v			07/15/26 21:59	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			07/15/26 21:59	1
Toluene	**0.29**		0.20	0.12	ppb v/v			07/15/26 21:59	1
trans-1,2-Dichloroethene	ND		0.20	0.12	ppb v/v			07/15/26 21:59	1
trans-1,3-Dichloropropene	ND		0.20	0.12	ppb v/v			07/15/26 21:59	1
Trichloroethene	ND		0.037	0.021	ppb v/v			07/15/26 21:59	1
Trichlorofluoromethane	**0.23**		0.20	0.15	ppb v/v			07/15/26 21:59	1
Vinyl chloride	ND		0.078	0.040	ppb v/v			07/15/26 21:59	1

Client Sample ID: RI-VP-7
Lab Sample ID: 480-240170-3

Date Collected: 07/02/26 02:40
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		220	130	ug/m3			07/14/26 15:01	200
1,1,2,2-Tetrachloroethane	ND		270	210	ug/m3			07/14/26 15:01	200
1,1,2-Trichloroethane	ND		220	130	ug/m3			07/14/26 15:01	200
1,1,2-Trichlorotrifluoroethane	ND		310	170	ug/m3			07/14/26 15:01	200
1,1-Dichloroethane	ND		160	72	ug/m3			07/14/26 15:01	200
1,1-Dichloroethene	ND		40	21	ug/m3			07/14/26 15:01	200
1,2,4-Trichlorobenzene	ND		740	560	ug/m3			07/14/26 15:01	200
1,2,4-Trimethylbenzene	ND		200	79	ug/m3			07/14/26 15:01	200
1,2-Dibromoethane	ND		310	200	ug/m3			07/14/26 15:01	200
1,2-Dichlorobenzene	ND		240	140	ug/m3			07/14/26 15:01	200
1,2-Dichloroethane	ND		160	65	ug/m3			07/14/26 15:01	200
1,2-Dichloropropane	ND		180	120	ug/m3			07/14/26 15:01	200
1,2-Dichlorotetrafluoroethane	ND		280	170	ug/m3			07/14/26 15:01	200
1,3,5-Trimethylbenzene	ND		200	46	ug/m3			07/14/26 15:01	200
1,3-Butadiene	**76**	**J**	88	75	ug/m3			07/14/26 15:01	200
1,3-Dichlorobenzene	ND		240	160	ug/m3			07/14/26 15:01	200
1,4-Dichlorobenzene	ND		240	200	ug/m3			07/14/26 15:01	200
1,4-Dioxane	ND		140	120	ug/m3			07/14/26 15:01	200
2,2,4-Trimethylpentane	ND		190	120	ug/m3			07/14/26 15:01	200
2-Chlorotoluene	ND		210	48	ug/m3			07/14/26 15:01	200
3-Chloropropene	ND		310	94	ug/m3			07/14/26 15:01	200
4-Ethyltoluene	ND		200	180	ug/m3			07/14/26 15:01	200
4-Isopropyltoluene	ND		550	210	ug/m3			07/14/26 15:01	200
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		410	120	ug/m3			07/14/26 15:01	200
Acetone	**5400**		480	250	ug/m3			07/14/26 15:01	200
Benzene	ND		130	70	ug/m3			07/14/26 15:01	200
Benzyl chloride	ND		210	91	ug/m3			07/14/26 15:01	200
Bromodichloromethane	ND		270	160	ug/m3			07/14/26 15:01	200
Bromoethene(Vinyl Bromide)	ND		170	160	ug/m3			07/14/26 15:01	200
Bromoform	ND		410	350	ug/m3			07/14/26 15:01	200

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-VP-7
Lab Sample ID: 480-240170-3
Date Collected: 07/02/26 02:40
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		160	140	ug/m3			07/14/26 15:01	200
Carbon disulfide	ND		310	81	ug/m3			07/14/26 15:01	200
Carbon tetrachloride	ND		44	28	ug/m3			07/14/26 15:01	200
Chlorobenzene	ND		180	120	ug/m3			07/14/26 15:01	200
Chlorodifluoromethane	ND		140	110	ug/m3			07/14/26 15:01	200
Chloroethane	ND		260	100	ug/m3			07/14/26 15:01	200
Chloroform	ND		200	90	ug/m3			07/14/26 15:01	200
Chloromethane	ND		210	99	ug/m3			07/14/26 15:01	200
cis-1,2-Dichloroethene	ND		40	17	ug/m3			07/14/26 15:01	200
cis-1,3-Dichloropropene	ND		180	91	ug/m3			07/14/26 15:01	200
Cumene	ND		200	40	ug/m3			07/14/26 15:01	200
Cyclohexane	ND		140	76	ug/m3			07/14/26 15:01	200
Dibromochloromethane	ND		340	220	ug/m3			07/14/26 15:01	200
Dichlorodifluoromethane	ND		200	130	ug/m3			07/14/26 15:01	200
Ethylbenzene	ND		170	170	ug/m3			07/14/26 15:01	200
Hexachlorobutadiene	ND		430	230	ug/m3			07/14/26 15:01	200
Isopropyl alcohol	ND		980	120	ug/m3			07/14/26 15:01	200
m,p-Xylene	ND		430	230	ug/m3			07/14/26 15:01	200
Methyl Butyl Ketone (2-Hexanone)	ND		410	150	ug/m3			07/14/26 15:01	200
Methyl Ethyl Ketone (2-Butanone)	**17000**		290	120	ug/m3			07/14/26 15:01	200
Methyl methacrylate	ND		160	120	ug/m3			07/14/26 15:01	200
Methyl tert-butyl ether	ND		140	110	ug/m3			07/14/26 15:01	200
Methylene Chloride	ND		350	170	ug/m3			07/14/26 15:01	200
Naphthalene	ND		400	310	ug/m3			07/14/26 15:01	200
n-Butane	**1300**		240	48	ug/m3			07/14/26 15:01	200
n-Butylbenzene	ND		220	120	ug/m3			07/14/26 15:01	200
n-Heptane	ND		160	45	ug/m3			07/14/26 15:01	200
n-Hexane	ND		350	92	ug/m3			07/14/26 15:01	200
N-Propylbenzene	ND		200	46	ug/m3			07/14/26 15:01	200
o-Xylene	ND		170	45	ug/m3			07/14/26 15:01	200
sec-Butylbenzene	ND		220	49	ug/m3			07/14/26 15:01	200
Styrene	ND		170	100	ug/m3			07/14/26 15:01	200
tert-Butyl alcohol	ND		300	130	ug/m3			07/14/26 15:01	200
tert-Butylbenzene	ND		220	52	ug/m3			07/14/26 15:01	200
Tetrachloroethene	ND		270	52	ug/m3			07/14/26 15:01	200
Tetrahydrofuran	ND		590	140	ug/m3			07/14/26 15:01	200
Toluene	ND		150	90	ug/m3			07/14/26 15:01	200
trans-1,2-Dichloroethene	ND		160	95	ug/m3			07/14/26 15:01	200
trans-1,3-Dichloropropene	ND		180	110	ug/m3			07/14/26 15:01	200
Trichloroethene	ND		40	22	ug/m3			07/14/26 15:01	200
Trichlorofluoromethane	ND		220	170	ug/m3			07/14/26 15:01	200
Vinyl chloride	ND		40	20	ug/m3			07/14/26 15:01	200

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	24	ppb v/v			07/14/26 15:01	200
1,1,2,2-Tetrachloroethane	ND		40	30	ppb v/v			07/14/26 15:01	200
1,1,2-Trichloroethane	ND		40	24	ppb v/v			07/14/26 15:01	200
1,1,2-Trichlorotrifluoroethane	ND		40	22	ppb v/v			07/14/26 15:01	200
1,1-Dichloroethane	ND		40	18	ppb v/v			07/14/26 15:01	200

Client Sample ID: RI-VP-7
Lab Sample ID: 480-240170-3
Date Collected: 07/02/26 02:40
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		10	5.2	ppb v/v			07/14/26 15:01	200
1,2,4-Trichlorobenzene	ND		100	76	ppb v/v			07/14/26 15:01	200
1,2,4-Trimethylbenzene	ND		40	16	ppb v/v			07/14/26 15:01	200
1,2-Dibromoethane	ND		40	26	ppb v/v			07/14/26 15:01	200
1,2-Dichlorobenzene	ND		40	24	ppb v/v			07/14/26 15:01	200
1,2-Dichloroethane	ND		40	16	ppb v/v			07/14/26 15:01	200
1,2-Dichloropropane	ND		40	26	ppb v/v			07/14/26 15:01	200
1,2-Dichlorotetrafluoroethane	ND		40	24	ppb v/v			07/14/26 15:01	200
1,3,5-Trimethylbenzene	ND		40	9.4	ppb v/v			07/14/26 15:01	200
1,3-Butadiene	**34**	**J**	40	34	ppb v/v			07/14/26 15:01	200
1,3-Dichlorobenzene	ND		40	26	ppb v/v			07/14/26 15:01	200
1,4-Dichlorobenzene	ND		40	34	ppb v/v			07/14/26 15:01	200
1,4-Dioxane	ND		40	34	ppb v/v			07/14/26 15:01	200
2,2,4-Trimethylpentane	ND		40	26	ppb v/v			07/14/26 15:01	200
2-Chlorotoluene	ND		40	9.2	ppb v/v			07/14/26 15:01	200
3-Chloropropene	ND		100	30	ppb v/v			07/14/26 15:01	200
4-Ethyltoluene	ND		40	36	ppb v/v			07/14/26 15:01	200
4-Isopropyltoluene	ND		100	38	ppb v/v			07/14/26 15:01	200
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		100	30	ppb v/v			07/14/26 15:01	200
Acetone	**2300**		200	110	ppb v/v			07/14/26 15:01	200
Benzene	ND		40	22	ppb v/v			07/14/26 15:01	200
Benzyl chloride	ND		40	18	ppb v/v			07/14/26 15:01	200
Bromodichloromethane	ND		40	24	ppb v/v			07/14/26 15:01	200
Bromoethene(Vinyl Bromide)	ND		40	36	ppb v/v			07/14/26 15:01	200
Bromoform	ND		40	34	ppb v/v			07/14/26 15:01	200
Bromomethane	ND		40	36	ppb v/v			07/14/26 15:01	200
Carbon disulfide	ND		100	26	ppb v/v			07/14/26 15:01	200
Carbon tetrachloride	ND		7.0	4.4	ppb v/v			07/14/26 15:01	200
Chlorobenzene	ND		40	26	ppb v/v			07/14/26 15:01	200
Chlorodifluoromethane	ND		40	30	ppb v/v			07/14/26 15:01	200
Chloroethane	ND		100	38	ppb v/v			07/14/26 15:01	200
Chloroform	ND		40	18	ppb v/v			07/14/26 15:01	200
Chloromethane	ND		100	48	ppb v/v			07/14/26 15:01	200
cis-1,2-Dichloroethene	ND		10	4.2	ppb v/v			07/14/26 15:01	200
cis-1,3-Dichloropropene	ND		40	20	ppb v/v			07/14/26 15:01	200
Cumene	ND		40	8.2	ppb v/v			07/14/26 15:01	200
Cyclohexane	ND		40	22	ppb v/v			07/14/26 15:01	200
Dibromochloromethane	ND		40	26	ppb v/v			07/14/26 15:01	200
Dichlorodifluoromethane	ND		40	26	ppb v/v			07/14/26 15:01	200
Ethylbenzene	ND		40	38	ppb v/v			07/14/26 15:01	200
Hexachlorobutadiene	ND		40	22	ppb v/v			07/14/26 15:01	200
Isopropyl alcohol	ND		400	48	ppb v/v			07/14/26 15:01	200
m,p-Xylene	ND		100	52	ppb v/v			07/14/26 15:01	200
Methyl Butyl Ketone (2-Hexanone)	ND		100	36	ppb v/v			07/14/26 15:01	200
Methyl Ethyl Ketone (2-Butanone)	**5900**		100	42	ppb v/v			07/14/26 15:01	200
Methyl methacrylate	ND		40	30	ppb v/v			07/14/26 15:01	200
Methyl tert-butyl ether	ND		40	30	ppb v/v			07/14/26 15:01	200
Methylene Chloride	ND		100	50	ppb v/v			07/14/26 15:01	200

Client Sample ID: RI-VP-7
Lab Sample ID: 480-240170-3
Date Collected: 07/02/26 02:40
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		76	60	ppb v/v			07/14/26 15:01	200
n-Butane	**560**		100	20	ppb v/v			07/14/26 15:01	200
n-Butylbenzene	ND		40	22	ppb v/v			07/14/26 15:01	200
n-Heptane	ND		40	11	ppb v/v			07/14/26 15:01	200
n-Hexane	ND		100	26	ppb v/v			07/14/26 15:01	200
N-Propylbenzene	ND		40	9.4	ppb v/v			07/14/26 15:01	200
o-Xylene	ND		40	10	ppb v/v			07/14/26 15:01	200
sec-Butylbenzene	ND		40	9.0	ppb v/v			07/14/26 15:01	200
Styrene	ND		40	24	ppb v/v			07/14/26 15:01	200
tert-Butyl alcohol	ND		100	42	ppb v/v			07/14/26 15:01	200
tert-Butylbenzene	ND		40	9.4	ppb v/v			07/14/26 15:01	200
Tetrachloroethene	ND		40	7.6	ppb v/v			07/14/26 15:01	200
Tetrahydrofuran	ND		200	48	ppb v/v			07/14/26 15:01	200
Toluene	ND		40	24	ppb v/v			07/14/26 15:01	200
trans-1,2-Dichloroethene	ND		40	24	ppb v/v			07/14/26 15:01	200
trans-1,3-Dichloropropene	ND		40	24	ppb v/v			07/14/26 15:01	200
Trichloroethene	ND		7.4	4.2	ppb v/v			07/14/26 15:01	200
Trichlorofluoromethane	ND		40	30	ppb v/v			07/14/26 15:01	200
Vinyl chloride	ND		16	8.0	ppb v/v			07/14/26 15:01	200

Client Sample ID: RI-IA-1
Lab Sample ID: 480-240170-4
Date Collected: 07/02/26 02:10
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.65	ug/m3			07/10/26 14:13	1
1,1,2,2-Tetrachloroethane	ND		1.4	1.0	ug/m3			07/10/26 14:13	1
1,1,2-Trichloroethane	ND		1.1	0.65	ug/m3			07/10/26 14:13	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.84	ug/m3			07/10/26 14:13	1
1,1-Dichloroethane	ND		0.81	0.36	ug/m3			07/10/26 14:13	1
1,1-Dichloroethene	ND		0.20	0.10	ug/m3			07/10/26 14:13	1
1,2,4-Trichlorobenzene	ND		3.7	2.8	ug/m3			07/10/26 14:13	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			07/10/26 14:13	1
1,2-Dibromoethane	ND		1.5	1.0	ug/m3			07/10/26 14:13	1
1,2-Dichlorobenzene	ND		1.2	0.72	ug/m3			07/10/26 14:13	1
1,2-Dichloroethane	ND		0.81	0.32	ug/m3			07/10/26 14:13	1
1,2-Dichloropropane	ND		0.92	0.60	ug/m3			07/10/26 14:13	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.84	ug/m3			07/10/26 14:13	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			07/10/26 14:13	1
1,3-Butadiene	ND		0.44	0.38	ug/m3			07/10/26 14:13	1
1,3-Dichlorobenzene	ND		1.2	0.78	ug/m3			07/10/26 14:13	1
1,4-Dichlorobenzene	ND		1.2	1.0	ug/m3			07/10/26 14:13	1
1,4-Dioxane	ND		0.72	0.61	ug/m3			07/10/26 14:13	1
2,2,4-Trimethylpentane	ND		0.93	0.61	ug/m3			07/10/26 14:13	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			07/10/26 14:13	1
3-Chloropropene	ND		1.6	0.47	ug/m3			07/10/26 14:13	1
4-Ethyltoluene	ND		0.98	0.88	ug/m3			07/10/26 14:13	1

Client Sample ID: RI-IA-1
Lab Sample ID: 480-240170-4
Date Collected: 07/02/26 02:10
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	**1.1**	**J**	2.7	1.0	ug/m3			07/10/26 14:13	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.61	ug/m3			07/10/26 14:13	1
Acetone	**28**		2.4	1.3	ug/m3			07/10/26 14:13	1
Benzene	**0.47**	**J**	0.64	0.35	ug/m3			07/10/26 14:13	1
Benzyl chloride	ND		1.0	0.46	ug/m3			07/10/26 14:13	1
Bromodichloromethane	ND		1.3	0.80	ug/m3			07/10/26 14:13	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.79	ug/m3			07/10/26 14:13	1
Bromoform	ND		2.1	1.8	ug/m3			07/10/26 14:13	1
Bromomethane	ND		0.78	0.70	ug/m3			07/10/26 14:13	1
Carbon disulfide	ND		1.6	0.40	ug/m3			07/10/26 14:13	1
Carbon tetrachloride	ND		0.22	0.14	ug/m3			07/10/26 14:13	1
Chlorobenzene	ND		0.92	0.60	ug/m3			07/10/26 14:13	1
Chlorodifluoromethane	**8.5**		0.71	0.53	ug/m3			07/10/26 14:13	1
Chloroethane	ND		1.3	0.50	ug/m3			07/10/26 14:13	1
Chloroform	ND		0.98	0.45	ug/m3			07/10/26 14:13	1
Chloromethane	**2.2**		1.0	0.50	ug/m3			07/10/26 14:13	1
cis-1,2-Dichloroethene	ND		0.20	0.083	ug/m3			07/10/26 14:13	1
cis-1,3-Dichloropropene	ND		0.91	0.45	ug/m3			07/10/26 14:13	1
Cumene	ND		0.98	0.20	ug/m3			07/10/26 14:13	1
Cyclohexane	ND		0.69	0.38	ug/m3			07/10/26 14:13	1
Dibromochloromethane	ND		1.7	1.1	ug/m3			07/10/26 14:13	1
Dichlorodifluoromethane	**2.7**		0.99	0.64	ug/m3			07/10/26 14:13	1
Ethylbenzene	ND		0.87	0.83	ug/m3			07/10/26 14:13	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			07/10/26 14:13	1
Isopropyl alcohol	**4.7**	**J B**	4.9	0.59	ug/m3			07/10/26 14:13	1
m,p-Xylene	ND		2.2	1.1	ug/m3			07/10/26 14:13	1
Methyl Butyl Ketone (2-Hexanone)	**1.3**	**J**	2.0	0.74	ug/m3			07/10/26 14:13	1
Methyl Ethyl Ketone (2-Butanone)	**3.2**		1.5	0.62	ug/m3			07/10/26 14:13	1
Methyl methacrylate	ND		0.82	0.61	ug/m3			07/10/26 14:13	1
Methyl tert-butyl ether	ND		0.72	0.54	ug/m3			07/10/26 14:13	1
Methylene Chloride	ND		1.7	0.87	ug/m3			07/10/26 14:13	1
Naphthalene	ND		2.0	1.6	ug/m3			07/10/26 14:13	1
n-Butane	ND		1.2	0.24	ug/m3			07/10/26 14:13	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			07/10/26 14:13	1
n-Heptane	ND		0.82	0.23	ug/m3			07/10/26 14:13	1
n-Hexane	ND		1.8	0.46	ug/m3			07/10/26 14:13	1
N-Propylbenzene	ND		0.98	0.23	ug/m3			07/10/26 14:13	1
o-Xylene	ND		0.87	0.23	ug/m3			07/10/26 14:13	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			07/10/26 14:13	1
Styrene	**2.8**		0.85	0.51	ug/m3			07/10/26 14:13	1
tert-Butyl alcohol	**1.0**	**J**	1.5	0.64	ug/m3			07/10/26 14:13	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			07/10/26 14:13	1
Tetrachloroethene	ND		1.4	0.26	ug/m3			07/10/26 14:13	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			07/10/26 14:13	1
Toluene	**1.1**		0.75	0.45	ug/m3			07/10/26 14:13	1
trans-1,2-Dichloroethene	ND		0.79	0.48	ug/m3			07/10/26 14:13	1
trans-1,3-Dichloropropene	ND		0.91	0.54	ug/m3			07/10/26 14:13	1
Trichloroethene	ND		0.20	0.11	ug/m3			07/10/26 14:13	1

Client Sample ID: RI-IA-1
Lab Sample ID: 480-240170-4
Date Collected: 07/02/26 02:10
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	**1.3**		1.1	0.85	ug/m3			07/10/26 14:13	1
Vinyl chloride	ND		0.20	0.10	ug/m3			07/10/26 14:13	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.12	ppb v/v			07/10/26 14:13	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.15	ppb v/v			07/10/26 14:13	1
1,1,2-Trichloroethane	ND		0.20	0.12	ppb v/v			07/10/26 14:13	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.11	ppb v/v			07/10/26 14:13	1
1,1-Dichloroethane	ND		0.20	0.089	ppb v/v			07/10/26 14:13	1
1,1-Dichloroethene	ND		0.051	0.026	ppb v/v			07/10/26 14:13	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ppb v/v			07/10/26 14:13	1
1,2,4-Trimethylbenzene	ND		0.20	0.080	ppb v/v			07/10/26 14:13	1
1,2-Dibromoethane	ND		0.20	0.13	ppb v/v			07/10/26 14:13	1
1,2-Dichlorobenzene	ND		0.20	0.12	ppb v/v			07/10/26 14:13	1
1,2-Dichloroethane	ND		0.20	0.080	ppb v/v			07/10/26 14:13	1
1,2-Dichloropropane	ND		0.20	0.13	ppb v/v			07/10/26 14:13	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.12	ppb v/v			07/10/26 14:13	1
1,3,5-Trimethylbenzene	ND		0.20	0.047	ppb v/v			07/10/26 14:13	1
1,3-Butadiene	ND		0.20	0.17	ppb v/v			07/10/26 14:13	1
1,3-Dichlorobenzene	ND		0.20	0.13	ppb v/v			07/10/26 14:13	1
1,4-Dichlorobenzene	ND		0.20	0.17	ppb v/v			07/10/26 14:13	1
1,4-Dioxane	ND		0.20	0.17	ppb v/v			07/10/26 14:13	1
2,2,4-Trimethylpentane	ND		0.20	0.13	ppb v/v			07/10/26 14:13	1
2-Chlorotoluene	ND		0.20	0.046	ppb v/v			07/10/26 14:13	1
3-Chloropropene	ND		0.50	0.15	ppb v/v			07/10/26 14:13	1
4-Ethyltoluene	ND		0.20	0.18	ppb v/v			07/10/26 14:13	1
4-Isopropyltoluene	**0.20**	**J**	0.50	0.19	ppb v/v			07/10/26 14:13	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.15	ppb v/v			07/10/26 14:13	1
Acetone	**12**		1.0	0.53	ppb v/v			07/10/26 14:13	1
Benzene	**0.15**	**J**	0.20	0.11	ppb v/v			07/10/26 14:13	1
Benzyl chloride	ND		0.20	0.088	ppb v/v			07/10/26 14:13	1
Bromodichloromethane	ND		0.20	0.12	ppb v/v			07/10/26 14:13	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.18	ppb v/v			07/10/26 14:13	1
Bromoform	ND		0.20	0.17	ppb v/v			07/10/26 14:13	1
Bromomethane	ND		0.20	0.18	ppb v/v			07/10/26 14:13	1
Carbon disulfide	ND		0.50	0.13	ppb v/v			07/10/26 14:13	1
Carbon tetrachloride	ND		0.035	0.022	ppb v/v			07/10/26 14:13	1
Chlorobenzene	ND		0.20	0.13	ppb v/v			07/10/26 14:13	1
Chlorodifluoromethane	**2.4**		0.20	0.15	ppb v/v			07/10/26 14:13	1
Chloroethane	ND		0.50	0.19	ppb v/v			07/10/26 14:13	1
Chloroform	ND		0.20	0.092	ppb v/v			07/10/26 14:13	1
Chloromethane	**1.1**		0.50	0.24	ppb v/v			07/10/26 14:13	1
cis-1,2-Dichloroethene	ND		0.051	0.021	ppb v/v			07/10/26 14:13	1
cis-1,3-Dichloropropene	ND		0.20	0.10	ppb v/v			07/10/26 14:13	1
Cumene	ND		0.20	0.041	ppb v/v			07/10/26 14:13	1
Cyclohexane	ND		0.20	0.11	ppb v/v			07/10/26 14:13	1
Dibromochloromethane	ND		0.20	0.13	ppb v/v			07/10/26 14:13	1
Dichlorodifluoromethane	**0.55**		0.20	0.13	ppb v/v			07/10/26 14:13	1

Client Sample ID: RI-IA-1
Lab Sample ID: 480-240170-4

Date Collected: 07/02/26 02:10
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.20	0.19	ppb v/v			07/10/26 14:13	1
Hexachlorobutadiene	ND		0.20	0.11	ppb v/v			07/10/26 14:13	1
Isopropyl alcohol	**1.9**	**J B**	2.0	0.24	ppb v/v			07/10/26 14:13	1
m,p-Xylene	ND		0.50	0.26	ppb v/v			07/10/26 14:13	1
Methyl Butyl Ketone (2-Hexanone)	**0.32**	**J**	0.50	0.18	ppb v/v			07/10/26 14:13	1
Methyl Ethyl Ketone (2-Butanone)	**1.1**		0.50	0.21	ppb v/v			07/10/26 14:13	1
Methyl methacrylate	ND		0.20	0.15	ppb v/v			07/10/26 14:13	1
Methyl tert-butyl ether	ND		0.20	0.15	ppb v/v			07/10/26 14:13	1
Methylene Chloride	ND		0.50	0.25	ppb v/v			07/10/26 14:13	1
Naphthalene	ND		0.38	0.30	ppb v/v			07/10/26 14:13	1
n-Butane	ND		0.50	0.10	ppb v/v			07/10/26 14:13	1
n-Butylbenzene	ND		0.20	0.11	ppb v/v			07/10/26 14:13	1
n-Heptane	ND		0.20	0.055	ppb v/v			07/10/26 14:13	1
n-Hexane	ND		0.50	0.13	ppb v/v			07/10/26 14:13	1
N-Propylbenzene	ND		0.20	0.047	ppb v/v			07/10/26 14:13	1
o-Xylene	ND		0.20	0.052	ppb v/v			07/10/26 14:13	1
sec-Butylbenzene	ND		0.20	0.045	ppb v/v			07/10/26 14:13	1
Styrene	**0.66**		0.20	0.12	ppb v/v			07/10/26 14:13	1
tert-Butyl alcohol	**0.33**	**J**	0.50	0.21	ppb v/v			07/10/26 14:13	1
tert-Butylbenzene	ND		0.20	0.047	ppb v/v			07/10/26 14:13	1
Tetrachloroethene	ND		0.20	0.038	ppb v/v			07/10/26 14:13	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			07/10/26 14:13	1
Toluene	**0.28**		0.20	0.12	ppb v/v			07/10/26 14:13	1
trans-1,2-Dichloroethene	ND		0.20	0.12	ppb v/v			07/10/26 14:13	1
trans-1,3-Dichloropropene	ND		0.20	0.12	ppb v/v			07/10/26 14:13	1
Trichloroethene	ND		0.037	0.021	ppb v/v			07/10/26 14:13	1
Trichlorofluoromethane	**0.23**		0.20	0.15	ppb v/v			07/10/26 14:13	1
Vinyl chloride	ND		0.078	0.040	ppb v/v			07/10/26 14:13	1

Client Sample ID: RI-UP-5
Lab Sample ID: 480-240170-5

Date Collected: 07/02/26 02:45
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		220	130	ug/m3			07/14/26 15:22	200
1,1,2,2-Tetrachloroethane	ND		270	210	ug/m3			07/14/26 15:22	200
1,1,2-Trichloroethane	ND		220	130	ug/m3			07/14/26 15:22	200
1,1,2-Trichlorotrifluoroethane	ND		310	170	ug/m3			07/14/26 15:22	200
1,1-Dichloroethane	ND		160	72	ug/m3			07/14/26 15:22	200
1,1-Dichloroethene	ND		40	21	ug/m3			07/14/26 15:22	200
1,2,4-Trichlorobenzene	ND		740	560	ug/m3			07/14/26 15:22	200
1,2,4-Trimethylbenzene	ND		200	79	ug/m3			07/14/26 15:22	200
1,2-Dibromoethane	ND		310	200	ug/m3			07/14/26 15:22	200
1,2-Dichlorobenzene	ND		240	140	ug/m3			07/14/26 15:22	200
1,2-Dichloroethane	ND		160	65	ug/m3			07/14/26 15:22	200
1,2-Dichloropropane	ND		180	120	ug/m3			07/14/26 15:22	200
1,2-Dichlorotetrafluoroethane	ND		280	170	ug/m3			07/14/26 15:22	200

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-UP-5
Lab Sample ID: 480-240170-5
Date Collected: 07/02/26 02:45
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		200	46	ug/m3			07/14/26 15:22	200
1,3-Butadiene	ND		88	75	ug/m3			07/14/26 15:22	200
1,3-Dichlorobenzene	ND		240	160	ug/m3			07/14/26 15:22	200
1,4-Dichlorobenzene	ND		240	200	ug/m3			07/14/26 15:22	200
1,4-Dioxane	ND		140	120	ug/m3			07/14/26 15:22	200
2,2,4-Trimethylpentane	ND		190	120	ug/m3			07/14/26 15:22	200
2-Chlorotoluene	ND		210	48	ug/m3			07/14/26 15:22	200
3-Chloropropene	ND		310	94	ug/m3			07/14/26 15:22	200
4-Ethyltoluene	ND		200	180	ug/m3			07/14/26 15:22	200
4-Isopropyltoluene	ND		550	210	ug/m3			07/14/26 15:22	200
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		410	120	ug/m3			07/14/26 15:22	200
Acetone	**3700**		480	250	ug/m3			07/14/26 15:22	200
Benzene	ND		130	70	ug/m3			07/14/26 15:22	200
Benzyl chloride	ND		210	91	ug/m3			07/14/26 15:22	200
Bromodichloromethane	ND		270	160	ug/m3			07/14/26 15:22	200
Bromoethene(Vinyl Bromide)	ND		170	160	ug/m3			07/14/26 15:22	200
Bromoform	ND		410	350	ug/m3			07/14/26 15:22	200
Bromomethane	ND		160	140	ug/m3			07/14/26 15:22	200
Carbon disulfide	ND		310	81	ug/m3			07/14/26 15:22	200
Carbon tetrachloride	ND		44	28	ug/m3			07/14/26 15:22	200
Chlorobenzene	ND		180	120	ug/m3			07/14/26 15:22	200
Chlorodifluoromethane	ND		140	110	ug/m3			07/14/26 15:22	200
Chloroethane	ND		260	100	ug/m3			07/14/26 15:22	200
Chloroform	ND		200	90	ug/m3			07/14/26 15:22	200
Chloromethane	ND		210	99	ug/m3			07/14/26 15:22	200
cis-1,2-Dichloroethene	ND		40	17	ug/m3			07/14/26 15:22	200
cis-1,3-Dichloropropene	ND		180	91	ug/m3			07/14/26 15:22	200
Cumene	ND		200	40	ug/m3			07/14/26 15:22	200
Cyclohexane	**89**	**J**	140	76	ug/m3			07/14/26 15:22	200
Dibromochloromethane	ND		340	220	ug/m3			07/14/26 15:22	200
Dichlorodifluoromethane	ND		200	130	ug/m3			07/14/26 15:22	200
Ethylbenzene	ND		170	170	ug/m3			07/14/26 15:22	200
Hexachlorobutadiene	ND		430	230	ug/m3			07/14/26 15:22	200
Isopropyl alcohol	ND		980	120	ug/m3			07/14/26 15:22	200
m,p-Xylene	ND		430	230	ug/m3			07/14/26 15:22	200
Methyl Butyl Ketone (2-Hexanone)	**370**	**J**	410	150	ug/m3			07/14/26 15:22	200
Methyl Ethyl Ketone (2-Butanone)	**13000**		290	120	ug/m3			07/14/26 15:22	200
Methyl methacrylate	ND		160	120	ug/m3			07/14/26 15:22	200
Methyl tert-butyl ether	ND		140	110	ug/m3			07/14/26 15:22	200
Methylene Chloride	ND		350	170	ug/m3			07/14/26 15:22	200
Naphthalene	ND		400	310	ug/m3			07/14/26 15:22	200
n-Butane	**1600**		240	48	ug/m3			07/14/26 15:22	200
n-Butylbenzene	ND		220	120	ug/m3			07/14/26 15:22	200
n-Heptane	ND		160	45	ug/m3			07/14/26 15:22	200
n-Hexane	**170**	**J**	350	92	ug/m3			07/14/26 15:22	200
N-Propylbenzene	ND		200	46	ug/m3			07/14/26 15:22	200
o-Xylene	ND		170	45	ug/m3			07/14/26 15:22	200
sec-Butylbenzene	ND		220	49	ug/m3			07/14/26 15:22	200

Client Sample ID: RI-UP-5
Lab Sample ID: 480-240170-5
Date Collected: 07/02/26 02:45
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		170	100	ug/m3			07/14/26 15:22	200
tert-Butyl alcohol	ND		300	130	ug/m3			07/14/26 15:22	200
tert-Butylbenzene	ND		220	52	ug/m3			07/14/26 15:22	200
Tetrachloroethene	ND		270	52	ug/m3			07/14/26 15:22	200
Tetrahydrofuran	ND		590	140	ug/m3			07/14/26 15:22	200
Toluene	ND		150	90	ug/m3			07/14/26 15:22	200
trans-1,2-Dichloroethene	ND		160	95	ug/m3			07/14/26 15:22	200
trans-1,3-Dichloropropene	ND		180	110	ug/m3			07/14/26 15:22	200
Trichloroethene	ND		40	22	ug/m3			07/14/26 15:22	200
Trichlorofluoromethane	ND		220	170	ug/m3			07/14/26 15:22	200
Vinyl chloride	ND		40	20	ug/m3			07/14/26 15:22	200

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	24	ppb v/v			07/14/26 15:22	200
1,1,2,2-Tetrachloroethane	ND		40	30	ppb v/v			07/14/26 15:22	200
1,1,2-Trichloroethane	ND		40	24	ppb v/v			07/14/26 15:22	200
1,1,2-Trichlorotrifluoroethane	ND		40	22	ppb v/v			07/14/26 15:22	200
1,1-Dichloroethane	ND		40	18	ppb v/v			07/14/26 15:22	200
1,1-Dichloroethene	ND		10	5.2	ppb v/v			07/14/26 15:22	200
1,2,4-Trichlorobenzene	ND		100	76	ppb v/v			07/14/26 15:22	200
1,2,4-Trimethylbenzene	ND		40	16	ppb v/v			07/14/26 15:22	200
1,2-Dibromoethane	ND		40	26	ppb v/v			07/14/26 15:22	200
1,2-Dichlorobenzene	ND		40	24	ppb v/v			07/14/26 15:22	200
1,2-Dichloroethane	ND		40	16	ppb v/v			07/14/26 15:22	200
1,2-Dichloropropane	ND		40	26	ppb v/v			07/14/26 15:22	200
1,2-Dichlorotetrafluoroethane	ND		40	24	ppb v/v			07/14/26 15:22	200
1,3,5-Trimethylbenzene	ND		40	9.4	ppb v/v			07/14/26 15:22	200
1,3-Butadiene	ND		40	34	ppb v/v			07/14/26 15:22	200
1,3-Dichlorobenzene	ND		40	26	ppb v/v			07/14/26 15:22	200
1,4-Dichlorobenzene	ND		40	34	ppb v/v			07/14/26 15:22	200
1,4-Dioxane	ND		40	34	ppb v/v			07/14/26 15:22	200
2,2,4-Trimethylpentane	ND		40	26	ppb v/v			07/14/26 15:22	200
2-Chlorotoluene	ND		40	9.2	ppb v/v			07/14/26 15:22	200
3-Chloropropene	ND		100	30	ppb v/v			07/14/26 15:22	200
4-Ethyltoluene	ND		40	36	ppb v/v			07/14/26 15:22	200
4-Isopropyltoluene	ND		100	38	ppb v/v			07/14/26 15:22	200
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		100	30	ppb v/v			07/14/26 15:22	200
Acetone	**1600**		200	110	ppb v/v			07/14/26 15:22	200
Benzene	ND		40	22	ppb v/v			07/14/26 15:22	200
Benzyl chloride	ND		40	18	ppb v/v			07/14/26 15:22	200
Bromodichloromethane	ND		40	24	ppb v/v			07/14/26 15:22	200
Bromoethene(Vinyl Bromide)	ND		40	36	ppb v/v			07/14/26 15:22	200
Bromoform	ND		40	34	ppb v/v			07/14/26 15:22	200
Bromomethane	ND		40	36	ppb v/v			07/14/26 15:22	200
Carbon disulfide	ND		100	26	ppb v/v			07/14/26 15:22	200
Carbon tetrachloride	ND		7.0	4.4	ppb v/v			07/14/26 15:22	200
Chlorobenzene	ND		40	26	ppb v/v			07/14/26 15:22	200
Chlorodifluoromethane	ND		40	30	ppb v/v			07/14/26 15:22	200

Client Sample ID: RI-UP-5

Lab Sample ID: 480-240170-5

Date Collected: 07/02/26 02:45
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		100	38	ppb v/v			07/14/26 15:22	200
Chloroform	ND		40	18	ppb v/v			07/14/26 15:22	200
Chloromethane	ND		100	48	ppb v/v			07/14/26 15:22	200
cis-1,2-Dichloroethene	ND		10	4.2	ppb v/v			07/14/26 15:22	200
cis-1,3-Dichloropropene	ND		40	20	ppb v/v			07/14/26 15:22	200
Cumene	ND		40	8.2	ppb v/v			07/14/26 15:22	200
Cyclohexane	**26**	**J**	40	22	ppb v/v			07/14/26 15:22	200
Dibromochloromethane	ND		40	26	ppb v/v			07/14/26 15:22	200
Dichlorodifluoromethane	ND		40	26	ppb v/v			07/14/26 15:22	200
Ethylbenzene	ND		40	38	ppb v/v			07/14/26 15:22	200
Hexachlorobutadiene	ND		40	22	ppb v/v			07/14/26 15:22	200
Isopropyl alcohol	ND		400	48	ppb v/v			07/14/26 15:22	200
m,p-Xylene	ND		100	52	ppb v/v			07/14/26 15:22	200
Methyl Butyl Ketone (2-Hexanone)	**91**	**J**	100	36	ppb v/v			07/14/26 15:22	200
Methyl Ethyl Ketone (2-Butanone)	**4400**		100	42	ppb v/v			07/14/26 15:22	200
Methyl methacrylate	ND		40	30	ppb v/v			07/14/26 15:22	200
Methyl tert-butyl ether	ND		40	30	ppb v/v			07/14/26 15:22	200
Methylene Chloride	ND		100	50	ppb v/v			07/14/26 15:22	200
Naphthalene	ND		76	60	ppb v/v			07/14/26 15:22	200
n-Butane	**660**		100	20	ppb v/v			07/14/26 15:22	200
n-Butylbenzene	ND		40	22	ppb v/v			07/14/26 15:22	200
n-Heptane	ND		40	11	ppb v/v			07/14/26 15:22	200
n-Hexane	**49**	**J**	100	26	ppb v/v			07/14/26 15:22	200
N-Propylbenzene	ND		40	9.4	ppb v/v			07/14/26 15:22	200
o-Xylene	ND		40	10	ppb v/v			07/14/26 15:22	200
sec-Butylbenzene	ND		40	9.0	ppb v/v			07/14/26 15:22	200
Styrene	ND		40	24	ppb v/v			07/14/26 15:22	200
tert-Butyl alcohol	ND		100	42	ppb v/v			07/14/26 15:22	200
tert-Butylbenzene	ND		40	9.4	ppb v/v			07/14/26 15:22	200
Tetrachloroethene	ND		40	7.6	ppb v/v			07/14/26 15:22	200
Tetrahydrofuran	ND		200	48	ppb v/v			07/14/26 15:22	200
Toluene	ND		40	24	ppb v/v			07/14/26 15:22	200
trans-1,2-Dichloroethene	ND		40	24	ppb v/v			07/14/26 15:22	200
trans-1,3-Dichloropropene	ND		40	24	ppb v/v			07/14/26 15:22	200
Trichloroethene	ND		7.4	4.2	ppb v/v			07/14/26 15:22	200
Trichlorofluoromethane	ND		40	30	ppb v/v			07/14/26 15:22	200
Vinyl chloride	ND		16	8.0	ppb v/v			07/14/26 15:22	200

Client Sample ID: RI-VP-2

Lab Sample ID: 480-240170-6

Date Collected: 07/02/26 02:25
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		44	26	ug/m3			07/10/26 23:47	40
1,1,2,2-Tetrachloroethane	ND		55	41	ug/m3			07/10/26 23:47	40
1,1,2-Trichloroethane	ND		44	26	ug/m3			07/10/26 23:47	40
1,1,2-Trichlorotrifluoroethane	ND		61	34	ug/m3			07/10/26 23:47	40

Client Sample ID: RI-VP-2
Lab Sample ID: 480-240170-6
Date Collected: 07/02/26 02:25
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		32	14	ug/m3			07/10/26 23:47	40
1,1-Dichloroethene	ND		8.1	4.1	ug/m3			07/10/26 23:47	40
1,2,4-Trichlorobenzene	ND		150	110	ug/m3			07/10/26 23:47	40
1,2,4-Trimethylbenzene	ND		39	16	ug/m3			07/10/26 23:47	40
1,2-Dibromoethane	ND		61	40	ug/m3			07/10/26 23:47	40
1,2-Dichlorobenzene	ND		48	29	ug/m3			07/10/26 23:47	40
1,2-Dichloroethane	**14**	**J**	32	13	ug/m3			07/10/26 23:47	40
1,2-Dichloropropane	ND		37	24	ug/m3			07/10/26 23:47	40
1,2-Dichlorotetrafluoroethane	ND		56	34	ug/m3			07/10/26 23:47	40
1,3,5-Trimethylbenzene	ND		39	9.2	ug/m3			07/10/26 23:47	40
1,3-Butadiene	ND		18	15	ug/m3			07/10/26 23:47	40
1,3-Dichlorobenzene	ND		48	31	ug/m3			07/10/26 23:47	40
1,4-Dichlorobenzene	ND		48	41	ug/m3			07/10/26 23:47	40
1,4-Dioxane	ND		29	25	ug/m3			07/10/26 23:47	40
2,2,4-Trimethylpentane	ND		37	24	ug/m3			07/10/26 23:47	40
2-Chlorotoluene	ND		41	9.5	ug/m3			07/10/26 23:47	40
3-Chloropropene	ND		63	19	ug/m3			07/10/26 23:47	40
4-Ethyltoluene	ND		39	35	ug/m3			07/10/26 23:47	40
4-Isopropyltoluene	ND		110	42	ug/m3			07/10/26 23:47	40
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		82	25	ug/m3			07/10/26 23:47	40
Acetone	**5000**		95	50	ug/m3			07/10/26 23:47	40
Benzene	ND		26	14	ug/m3			07/10/26 23:47	40
Benzyl chloride	ND		41	18	ug/m3			07/10/26 23:47	40
Bromodichloromethane	ND		54	32	ug/m3			07/10/26 23:47	40
Bromoethene(Vinyl Bromide)	ND		35	31	ug/m3			07/10/26 23:47	40
Bromoform	ND		83	70	ug/m3			07/10/26 23:47	40
Bromomethane	ND		31	28	ug/m3			07/10/26 23:47	40
Carbon disulfide	ND		62	16	ug/m3			07/10/26 23:47	40
Carbon tetrachloride	**18**		8.8	5.5	ug/m3			07/10/26 23:47	40
Chlorobenzene	ND		37	24	ug/m3			07/10/26 23:47	40
Chlorodifluoromethane	ND		28	21	ug/m3			07/10/26 23:47	40
Chloroethane	**21**	**J**	53	20	ug/m3			07/10/26 23:47	40
Chloroform	ND		39	18	ug/m3			07/10/26 23:47	40
Chloromethane	**28**	**J**	41	20	ug/m3			07/10/26 23:47	40
cis-1,2-Dichloroethene	ND		8.1	3.3	ug/m3			07/10/26 23:47	40
cis-1,3-Dichloropropene	ND		36	18	ug/m3			07/10/26 23:47	40
Cumene	ND		39	8.1	ug/m3			07/10/26 23:47	40
Cyclohexane	**41**		28	15	ug/m3			07/10/26 23:47	40
Dibromochloromethane	ND		68	44	ug/m3			07/10/26 23:47	40
Dichlorodifluoromethane	ND		40	26	ug/m3			07/10/26 23:47	40
Ethylbenzene	ND		35	33	ug/m3			07/10/26 23:47	40
Hexachlorobutadiene	ND		85	47	ug/m3			07/10/26 23:47	40
Isopropyl alcohol	**65**	**J**	200	24	ug/m3			07/10/26 23:47	40
m,p-Xylene	ND		87	45	ug/m3			07/10/26 23:47	40
Methyl Butyl Ketone (2-Hexanone)	**180**		82	30	ug/m3			07/10/26 23:47	40
Methyl methacrylate	ND		33	25	ug/m3			07/10/26 23:47	40
Methyl tert-butyl ether	ND		29	22	ug/m3			07/10/26 23:47	40
Methylene Chloride	ND		69	35	ug/m3			07/10/26 23:47	40

Client Sample ID: RI-VP-2
Lab Sample ID: 480-240170-6
Date Collected: 07/02/26 02:25
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		80	63	ug/m3			07/10/26 23:47	40
n-Butane	**530**		48	9.5	ug/m3			07/10/26 23:47	40
n-Butylbenzene	ND		44	24	ug/m3			07/10/26 23:47	40
n-Heptane	**120**		33	9.0	ug/m3			07/10/26 23:47	40
n-Hexane	**140**		70	18	ug/m3			07/10/26 23:47	40
N-Propylbenzene	ND		39	9.2	ug/m3			07/10/26 23:47	40
o-Xylene	ND		35	9.0	ug/m3			07/10/26 23:47	40
sec-Butylbenzene	ND		44	9.9	ug/m3			07/10/26 23:47	40
Styrene	ND		34	20	ug/m3			07/10/26 23:47	40
tert-Butyl alcohol	**43**	**J**	61	25	ug/m3			07/10/26 23:47	40
tert-Butylbenzene	ND		44	10	ug/m3			07/10/26 23:47	40
Tetrachloroethene	ND		54	10	ug/m3			07/10/26 23:47	40
Tetrahydrofuran	ND		120	28	ug/m3			07/10/26 23:47	40
Toluene	**31**		30	18	ug/m3			07/10/26 23:47	40
trans-1,2-Dichloroethene	ND		32	19	ug/m3			07/10/26 23:47	40
trans-1,3-Dichloropropene	ND		36	22	ug/m3			07/10/26 23:47	40
Trichloroethene	ND		8.0	4.5	ug/m3			07/10/26 23:47	40
Trichlorofluoromethane	ND		45	34	ug/m3			07/10/26 23:47	40
Vinyl chloride	ND		8.0	4.1	ug/m3			07/10/26 23:47	40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	4.8	ppb v/v			07/10/26 23:47	40
1,1,2,2-Tetrachloroethane	ND		8.0	6.0	ppb v/v			07/10/26 23:47	40
1,1,2-Trichloroethane	ND		8.0	4.8	ppb v/v			07/10/26 23:47	40
1,1,2-Trichlorotrifluoroethane	ND		8.0	4.4	ppb v/v			07/10/26 23:47	40
1,1-Dichloroethane	ND		8.0	3.6	ppb v/v			07/10/26 23:47	40
1,1-Dichloroethene	ND		2.0	1.0	ppb v/v			07/10/26 23:47	40
1,2,4-Trichlorobenzene	ND		20	15	ppb v/v			07/10/26 23:47	40
1,2,4-Trimethylbenzene	ND		8.0	3.2	ppb v/v			07/10/26 23:47	40
1,2-Dibromoethane	ND		8.0	5.2	ppb v/v			07/10/26 23:47	40
1,2-Dichlorobenzene	ND		8.0	4.8	ppb v/v			07/10/26 23:47	40
1,2-Dichloroethane	**3.5**	**J**	8.0	3.2	ppb v/v			07/10/26 23:47	40
1,2-Dichloropropane	ND		8.0	5.2	ppb v/v			07/10/26 23:47	40
1,2-Dichlorotetrafluoroethane	ND		8.0	4.8	ppb v/v			07/10/26 23:47	40
1,3,5-Trimethylbenzene	ND		8.0	1.9	ppb v/v			07/10/26 23:47	40
1,3-Butadiene	ND		8.0	6.8	ppb v/v			07/10/26 23:47	40
1,3-Dichlorobenzene	ND		8.0	5.2	ppb v/v			07/10/26 23:47	40
1,4-Dichlorobenzene	ND		8.0	6.8	ppb v/v			07/10/26 23:47	40
1,4-Dioxane	ND		8.0	6.8	ppb v/v			07/10/26 23:47	40
2,2,4-Trimethylpentane	ND		8.0	5.2	ppb v/v			07/10/26 23:47	40
2-Chlorotoluene	ND		8.0	1.8	ppb v/v			07/10/26 23:47	40
3-Chloropropene	ND		20	6.0	ppb v/v			07/10/26 23:47	40
4-Ethyltoluene	ND		8.0	7.2	ppb v/v			07/10/26 23:47	40
4-Isopropyltoluene	ND		20	7.6	ppb v/v			07/10/26 23:47	40
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		20	6.0	ppb v/v			07/10/26 23:47	40
Acetone	**2100**		40	21	ppb v/v			07/10/26 23:47	40
Benzene	ND		8.0	4.4	ppb v/v			07/10/26 23:47	40
Benzyl chloride	ND		8.0	3.5	ppb v/v			07/10/26 23:47	40

Client Sample ID: RI-VP-2
Lab Sample ID: 480-240170-6
Date Collected: 07/02/26 02:25
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		8.0	4.8	ppb v/v			07/10/26 23:47	40
Bromoethene(Vinyl Bromide)	ND		8.0	7.2	ppb v/v			07/10/26 23:47	40
Bromoform	ND		8.0	6.8	ppb v/v			07/10/26 23:47	40
Bromomethane	ND		8.0	7.2	ppb v/v			07/10/26 23:47	40
Carbon disulfide	ND		20	5.2	ppb v/v			07/10/26 23:47	40
Carbon tetrachloride	**2.8**		1.4	0.88	ppb v/v			07/10/26 23:47	40
Chlorobenzene	ND		8.0	5.2	ppb v/v			07/10/26 23:47	40
Chlorodifluoromethane	ND		8.0	6.0	ppb v/v			07/10/26 23:47	40
Chloroethane	**7.8**	**J**	20	7.6	ppb v/v			07/10/26 23:47	40
Chloroform	ND		8.0	3.7	ppb v/v			07/10/26 23:47	40
Chloromethane	**13**	**J**	20	9.6	ppb v/v			07/10/26 23:47	40
cis-1,2-Dichloroethene	ND		2.0	0.84	ppb v/v			07/10/26 23:47	40
cis-1,3-Dichloropropene	ND		8.0	4.0	ppb v/v			07/10/26 23:47	40
Cumene	ND		8.0	1.6	ppb v/v			07/10/26 23:47	40
Cyclohexane	**12**		8.0	4.4	ppb v/v			07/10/26 23:47	40
Dibromochloromethane	ND		8.0	5.2	ppb v/v			07/10/26 23:47	40
Dichlorodifluoromethane	ND		8.0	5.2	ppb v/v			07/10/26 23:47	40
Ethylbenzene	ND		8.0	7.6	ppb v/v			07/10/26 23:47	40
Hexachlorobutadiene	ND		8.0	4.4	ppb v/v			07/10/26 23:47	40
Isopropyl alcohol	**26**	**J**	80	9.6	ppb v/v			07/10/26 23:47	40
m,p-Xylene	ND		20	10	ppb v/v			07/10/26 23:47	40
Methyl Butyl Ketone (2-Hexanone)	**44**		20	7.2	ppb v/v			07/10/26 23:47	40
Methyl methacrylate	ND		8.0	6.0	ppb v/v			07/10/26 23:47	40
Methyl tert-butyl ether	ND		8.0	6.0	ppb v/v			07/10/26 23:47	40
Methylene Chloride	ND		20	10	ppb v/v			07/10/26 23:47	40
Naphthalene	ND		15	12	ppb v/v			07/10/26 23:47	40
n-Butane	**220**		20	4.0	ppb v/v			07/10/26 23:47	40
n-Butylbenzene	ND		8.0	4.4	ppb v/v			07/10/26 23:47	40
n-Heptane	**29**		8.0	2.2	ppb v/v			07/10/26 23:47	40
n-Hexane	**40**		20	5.2	ppb v/v			07/10/26 23:47	40
N-Propylbenzene	ND		8.0	1.9	ppb v/v			07/10/26 23:47	40
o-Xylene	ND		8.0	2.1	ppb v/v			07/10/26 23:47	40
sec-Butylbenzene	ND		8.0	1.8	ppb v/v			07/10/26 23:47	40
Styrene	ND		8.0	4.8	ppb v/v			07/10/26 23:47	40
tert-Butyl alcohol	**14**	**J**	20	8.4	ppb v/v			07/10/26 23:47	40
tert-Butylbenzene	ND		8.0	1.9	ppb v/v			07/10/26 23:47	40
Tetrachloroethene	ND		8.0	1.5	ppb v/v			07/10/26 23:47	40
Tetrahydrofuran	ND		40	9.6	ppb v/v			07/10/26 23:47	40
Toluene	**8.3**		8.0	4.8	ppb v/v			07/10/26 23:47	40
trans-1,2-Dichloroethene	ND		8.0	4.8	ppb v/v			07/10/26 23:47	40
trans-1,3-Dichloropropene	ND		8.0	4.8	ppb v/v			07/10/26 23:47	40
Trichloroethene	ND		1.5	0.84	ppb v/v			07/10/26 23:47	40
Trichlorofluoromethane	ND		8.0	6.1	ppb v/v			07/10/26 23:47	40
Vinyl chloride	ND		3.1	1.6	ppb v/v			07/10/26 23:47	40

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**16000**		590	250	ug/m3			07/14/26 00:24	400

Client Sample ID: RI-VP-2
Lab Sample ID: 480-240170-6

Date Collected: 07/02/26 02:25
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**5400**		200	84	ppb v/v			07/14/26 00:24	400

Client Sample ID: RI-SS-1
Lab Sample ID: 480-240170-7

Date Collected: 07/02/26 02:10
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1450 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.4	2.6	ug/m3			07/11/26 00:10	4
1,1,2,2-Tetrachloroethane	ND		5.5	4.1	ug/m3			07/11/26 00:10	4
1,1,2-Trichloroethane	ND		4.4	2.6	ug/m3			07/11/26 00:10	4
1,1,2-Trichlorotrifluoroethane	ND		6.1	3.4	ug/m3			07/11/26 00:10	4
1,1-Dichloroethane	ND		3.2	1.4	ug/m3			07/11/26 00:10	4
1,1-Dichloroethene	ND		0.81	0.41	ug/m3			07/11/26 00:10	4
1,2,4-Trichlorobenzene	ND		15	11	ug/m3			07/11/26 00:10	4
1,2,4-Trimethylbenzene	**6.3**		3.9	1.6	ug/m3			07/11/26 00:10	4
1,2-Dibromoethane	ND		6.1	4.0	ug/m3			07/11/26 00:10	4
1,2-Dichlorobenzene	ND		4.8	2.9	ug/m3			07/11/26 00:10	4
1,2-Dichloroethane	**6.7**		3.2	1.3	ug/m3			07/11/26 00:10	4
1,2-Dichloropropane	ND		3.7	2.4	ug/m3			07/11/26 00:10	4
1,2-Dichlorotetrafluoroethane	ND		5.6	3.4	ug/m3			07/11/26 00:10	4
1,3,5-Trimethylbenzene	**4.0**		3.9	0.92	ug/m3			07/11/26 00:10	4
1,3-Butadiene	ND		1.8	1.5	ug/m3			07/11/26 00:10	4
1,3-Dichlorobenzene	ND		4.8	3.1	ug/m3			07/11/26 00:10	4
1,4-Dichlorobenzene	ND		4.8	4.1	ug/m3			07/11/26 00:10	4
1,4-Dioxane	ND		2.9	2.5	ug/m3			07/11/26 00:10	4
2,2,4-Trimethylpentane	ND		3.7	2.4	ug/m3			07/11/26 00:10	4
2-Chlorotoluene	ND		4.1	0.95	ug/m3			07/11/26 00:10	4
3-Chloropropene	ND		6.3	1.9	ug/m3			07/11/26 00:10	4
4-Ethyltoluene	ND		3.9	3.5	ug/m3			07/11/26 00:10	4
4-Isopropyltoluene	ND		11	4.2	ug/m3			07/11/26 00:10	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**5.9**	**J**	8.2	2.5	ug/m3			07/11/26 00:10	4
Acetone	**430**		9.5	5.0	ug/m3			07/11/26 00:10	4
Benzene	**21**		2.6	1.4	ug/m3			07/11/26 00:10	4
Benzyl chloride	ND		4.1	1.8	ug/m3			07/11/26 00:10	4
Bromodichloromethane	ND		5.4	3.2	ug/m3			07/11/26 00:10	4
Bromoethene(Vinyl Bromide)	ND		3.5	3.1	ug/m3			07/11/26 00:10	4
Bromoform	ND		8.3	7.0	ug/m3			07/11/26 00:10	4
Bromomethane	ND		3.1	2.8	ug/m3			07/11/26 00:10	4
Carbon disulfide	**17**		6.2	1.6	ug/m3			07/11/26 00:10	4
Carbon tetrachloride	ND		0.88	0.55	ug/m3			07/11/26 00:10	4
Chlorobenzene	ND		3.7	2.4	ug/m3			07/11/26 00:10	4
Chlorodifluoromethane	ND		2.8	2.1	ug/m3			07/11/26 00:10	4
Chloroethane	ND		5.3	2.0	ug/m3			07/11/26 00:10	4
Chloroform	ND		3.9	1.8	ug/m3			07/11/26 00:10	4
Chloromethane	ND		4.1	2.0	ug/m3			07/11/26 00:10	4
cis-1,2-Dichloroethene	ND		0.81	0.33	ug/m3			07/11/26 00:10	4
cis-1,3-Dichloropropene	ND		3.6	1.8	ug/m3			07/11/26 00:10	4

Client Sample ID: RI-SS-1
Lab Sample ID: 480-240170-7
Date Collected: 07/02/26 02:10
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1450 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cumene	**4.1**		3.9	0.81	ug/m3			07/11/26 00:10	4
Cyclohexane	**350**		2.8	1.5	ug/m3			07/11/26 00:10	4
Dibromochloromethane	ND		6.8	4.4	ug/m3			07/11/26 00:10	4
Dichlorodifluoromethane	ND		4.0	2.6	ug/m3			07/11/26 00:10	4
Ethylbenzene	**17**		3.5	3.3	ug/m3			07/11/26 00:10	4
Hexachlorobutadiene	ND		8.5	4.7	ug/m3			07/11/26 00:10	4
Isopropyl alcohol	**12**	J	20	2.4	ug/m3			07/11/26 00:10	4
m,p-Xylene	**70**		8.7	4.5	ug/m3			07/11/26 00:10	4
Methyl Butyl Ketone (2-Hexanone)	ND		8.2	3.0	ug/m3			07/11/26 00:10	4
Methyl Ethyl Ketone (2-Butanone)	**15**		5.9	2.5	ug/m3			07/11/26 00:10	4
Methyl methacrylate	ND		3.3	2.5	ug/m3			07/11/26 00:10	4
Methyl tert-butyl ether	ND		2.9	2.2	ug/m3			07/11/26 00:10	4
Methylene Chloride	ND		6.9	3.5	ug/m3			07/11/26 00:10	4
Naphthalene	ND		8.0	6.3	ug/m3			07/11/26 00:10	4
n-Butane	**270**		4.8	0.95	ug/m3			07/11/26 00:10	4
n-Butylbenzene	ND		4.4	2.4	ug/m3			07/11/26 00:10	4
n-Heptane	**380**		3.3	0.90	ug/m3			07/11/26 00:10	4
n-Hexane	**290**		7.0	1.8	ug/m3			07/11/26 00:10	4
N-Propylbenzene	**3.5**	J	3.9	0.92	ug/m3			07/11/26 00:10	4
o-Xylene	**15**		3.5	0.90	ug/m3			07/11/26 00:10	4
sec-Butylbenzene	**1.2**	J	4.4	0.99	ug/m3			07/11/26 00:10	4
Styrene	**3.1**	J	3.4	2.0	ug/m3			07/11/26 00:10	4
tert-Butyl alcohol	**68**		6.1	2.5	ug/m3			07/11/26 00:10	4
tert-Butylbenzene	ND		4.4	1.0	ug/m3			07/11/26 00:10	4
Tetrachloroethene	**8.2**		5.4	1.0	ug/m3			07/11/26 00:10	4
Tetrahydrofuran	**3.7**	J	12	2.8	ug/m3			07/11/26 00:10	4
Toluene	**43**		3.0	1.8	ug/m3			07/11/26 00:10	4
trans-1,2-Dichloroethene	ND		3.2	1.9	ug/m3			07/11/26 00:10	4
trans-1,3-Dichloropropene	ND		3.6	2.2	ug/m3			07/11/26 00:10	4
Trichloroethene	ND		0.80	0.45	ug/m3			07/11/26 00:10	4
Trichlorofluoromethane	ND		4.5	3.4	ug/m3			07/11/26 00:10	4
Vinyl chloride	ND		0.80	0.41	ug/m3			07/11/26 00:10	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.80	0.48	ppb v/v			07/11/26 00:10	4
1,1,2,2-Tetrachloroethane	ND		0.80	0.60	ppb v/v			07/11/26 00:10	4
1,1,2-Trichloroethane	ND		0.80	0.48	ppb v/v			07/11/26 00:10	4
1,1,2-Trichlorotrifluoroethane	ND		0.80	0.44	ppb v/v			07/11/26 00:10	4
1,1-Dichloroethane	ND		0.80	0.36	ppb v/v			07/11/26 00:10	4
1,1-Dichloroethene	ND		0.20	0.10	ppb v/v			07/11/26 00:10	4
1,2,4-Trichlorobenzene	ND		2.0	1.5	ppb v/v			07/11/26 00:10	4
1,2,4-Trimethylbenzene	**1.3**		0.80	0.32	ppb v/v			07/11/26 00:10	4
1,2-Dibromoethane	ND		0.80	0.52	ppb v/v			07/11/26 00:10	4
1,2-Dichlorobenzene	ND		0.80	0.48	ppb v/v			07/11/26 00:10	4
1,2-Dichloroethane	**1.7**		0.80	0.32	ppb v/v			07/11/26 00:10	4
1,2-Dichloropropane	ND		0.80	0.52	ppb v/v			07/11/26 00:10	4
1,2-Dichlorotetrafluoroethane	ND		0.80	0.48	ppb v/v			07/11/26 00:10	4
1,3,5-Trimethylbenzene	**0.81**		0.80	0.19	ppb v/v			07/11/26 00:10	4
1,3-Butadiene	ND		0.80	0.68	ppb v/v			07/11/26 00:10	4

Client Sample ID: RI-SS-1
Lab Sample ID: 480-240170-7
Date Collected: 07/02/26 02:10
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1450 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.80	0.52	ppb v/v			07/11/26 00:10	4
1,4-Dichlorobenzene	ND		0.80	0.68	ppb v/v			07/11/26 00:10	4
1,4-Dioxane	ND		0.80	0.68	ppb v/v			07/11/26 00:10	4
2,2,4-Trimethylpentane	ND		0.80	0.52	ppb v/v			07/11/26 00:10	4
2-Chlorotoluene	ND		0.80	0.18	ppb v/v			07/11/26 00:10	4
3-Chloropropene	ND		2.0	0.60	ppb v/v			07/11/26 00:10	4
4-Ethyltoluene	ND		0.80	0.72	ppb v/v			07/11/26 00:10	4
4-Isopropyltoluene	ND		2.0	0.76	ppb v/v			07/11/26 00:10	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.5**	**J**	2.0	0.60	ppb v/v			07/11/26 00:10	4
Acetone	**180**		4.0	2.1	ppb v/v			07/11/26 00:10	4
Benzene	**6.5**		0.80	0.44	ppb v/v			07/11/26 00:10	4
Benzyl chloride	ND		0.80	0.35	ppb v/v			07/11/26 00:10	4
Bromodichloromethane	ND		0.80	0.48	ppb v/v			07/11/26 00:10	4
Bromoethene(Vinyl Bromide)	ND		0.80	0.72	ppb v/v			07/11/26 00:10	4
Bromoform	ND		0.80	0.68	ppb v/v			07/11/26 00:10	4
Bromomethane	ND		0.80	0.72	ppb v/v			07/11/26 00:10	4
Carbon disulfide	**5.6**		2.0	0.52	ppb v/v			07/11/26 00:10	4
Carbon tetrachloride	ND		0.14	0.088	ppb v/v			07/11/26 00:10	4
Chlorobenzene	ND		0.80	0.52	ppb v/v			07/11/26 00:10	4
Chlorodifluoromethane	ND		0.80	0.60	ppb v/v			07/11/26 00:10	4
Chloroethane	ND		2.0	0.76	ppb v/v			07/11/26 00:10	4
Chloroform	ND		0.80	0.37	ppb v/v			07/11/26 00:10	4
Chloromethane	ND		2.0	0.96	ppb v/v			07/11/26 00:10	4
cis-1,2-Dichloroethene	ND		0.20	0.084	ppb v/v			07/11/26 00:10	4
cis-1,3-Dichloropropene	ND		0.80	0.40	ppb v/v			07/11/26 00:10	4
Cumene	**0.83**		0.80	0.16	ppb v/v			07/11/26 00:10	4
Cyclohexane	**100**		0.80	0.44	ppb v/v			07/11/26 00:10	4
Dibromochloromethane	ND		0.80	0.52	ppb v/v			07/11/26 00:10	4
Dichlorodifluoromethane	ND		0.80	0.52	ppb v/v			07/11/26 00:10	4
Ethylbenzene	**4.0**		0.80	0.76	ppb v/v			07/11/26 00:10	4
Hexachlorobutadiene	ND		0.80	0.44	ppb v/v			07/11/26 00:10	4
Isopropyl alcohol	**4.8**	**J**	8.0	0.96	ppb v/v			07/11/26 00:10	4
m,p-Xylene	**16**		2.0	1.0	ppb v/v			07/11/26 00:10	4
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.72	ppb v/v			07/11/26 00:10	4
Methyl Ethyl Ketone (2-Butanone)	**5.2**		2.0	0.84	ppb v/v			07/11/26 00:10	4
Methyl methacrylate	ND		0.80	0.60	ppb v/v			07/11/26 00:10	4
Methyl tert-butyl ether	ND		0.80	0.60	ppb v/v			07/11/26 00:10	4
Methylene Chloride	ND		2.0	1.0	ppb v/v			07/11/26 00:10	4
Naphthalene	ND		1.5	1.2	ppb v/v			07/11/26 00:10	4
n-Butane	**110**		2.0	0.40	ppb v/v			07/11/26 00:10	4
n-Butylbenzene	ND		0.80	0.44	ppb v/v			07/11/26 00:10	4
n-Heptane	**93**		0.80	0.22	ppb v/v			07/11/26 00:10	4
n-Hexane	**82**		2.0	0.52	ppb v/v			07/11/26 00:10	4
N-Propylbenzene	**0.72**	**J**	0.80	0.19	ppb v/v			07/11/26 00:10	4
o-Xylene	**3.6**		0.80	0.21	ppb v/v			07/11/26 00:10	4
sec-Butylbenzene	**0.21**	**J**	0.80	0.18	ppb v/v			07/11/26 00:10	4
Styrene	**0.72**	**J**	0.80	0.48	ppb v/v			07/11/26 00:10	4
tert-Butyl alcohol	**22**		2.0	0.84	ppb v/v			07/11/26 00:10	4

Client Sample ID: RI-SS-1
Lab Sample ID: 480-240170-7

Date Collected: 07/02/26 02:10
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1450 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		0.80	0.19	ppb v/v			07/11/26 00:10	4
Tetrachloroethene	**1.2**		0.80	0.15	ppb v/v			07/11/26 00:10	4
Tetrahydrofuran	**1.3**	**J**	4.0	0.96	ppb v/v			07/11/26 00:10	4
Toluene	**11**		0.80	0.48	ppb v/v			07/11/26 00:10	4
trans-1,2-Dichloroethene	ND		0.80	0.48	ppb v/v			07/11/26 00:10	4
trans-1,3-Dichloropropene	ND		0.80	0.48	ppb v/v			07/11/26 00:10	4
Trichloroethene	ND		0.15	0.084	ppb v/v			07/11/26 00:10	4
Trichlorofluoromethane	ND		0.80	0.61	ppb v/v			07/11/26 00:10	4
Vinyl chloride	ND		0.31	0.16	ppb v/v			07/11/26 00:10	4

Client Sample ID: RI-VP-4
Lab Sample ID: 480-240170-8

Date Collected: 07/02/26 02:20
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		44	26	ug/m3			07/11/26 00:30	40
1,1,2,2-Tetrachloroethane	ND		55	41	ug/m3			07/11/26 00:30	40
1,1,2-Trichloroethane	ND		44	26	ug/m3			07/11/26 00:30	40
1,1,2-Trichlorotrifluoroethane	ND		61	34	ug/m3			07/11/26 00:30	40
1,1-Dichloroethane	ND		32	14	ug/m3			07/11/26 00:30	40
1,1-Dichloroethene	ND		8.1	4.1	ug/m3			07/11/26 00:30	40
1,2,4-Trichlorobenzene	ND		150	110	ug/m3			07/11/26 00:30	40
1,2,4-Trimethylbenzene	ND		39	16	ug/m3			07/11/26 00:30	40
1,2-Dibromoethane	ND		61	40	ug/m3			07/11/26 00:30	40
1,2-Dichlorobenzene	ND		48	29	ug/m3			07/11/26 00:30	40
1,2-Dichloroethane	ND		32	13	ug/m3			07/11/26 00:30	40
1,2-Dichloropropane	ND		37	24	ug/m3			07/11/26 00:30	40
1,2-Dichlorotetrafluoroethane	ND		56	34	ug/m3			07/11/26 00:30	40
1,3,5-Trimethylbenzene	ND		39	9.2	ug/m3			07/11/26 00:30	40
1,3-Butadiene	**43**		18	15	ug/m3			07/11/26 00:30	40
1,3-Dichlorobenzene	ND		48	31	ug/m3			07/11/26 00:30	40
1,4-Dichlorobenzene	ND		48	41	ug/m3			07/11/26 00:30	40
1,4-Dioxane	ND		29	25	ug/m3			07/11/26 00:30	40
2,2,4-Trimethylpentane	ND		37	24	ug/m3			07/11/26 00:30	40
2-Chlorotoluene	ND		41	9.5	ug/m3			07/11/26 00:30	40
3-Chloropropene	ND		63	19	ug/m3			07/11/26 00:30	40
4-Ethyltoluene	ND		39	35	ug/m3			07/11/26 00:30	40
4-Isopropyltoluene	ND		110	42	ug/m3			07/11/26 00:30	40
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		82	25	ug/m3			07/11/26 00:30	40
Acetone	**3300**		95	50	ug/m3			07/11/26 00:30	40
Benzene	ND		26	14	ug/m3			07/11/26 00:30	40
Benzyl chloride	ND		41	18	ug/m3			07/11/26 00:30	40
Bromodichloromethane	ND		54	32	ug/m3			07/11/26 00:30	40
Bromoethene(Vinyl Bromide)	ND		35	31	ug/m3			07/11/26 00:30	40
Bromoform	ND		83	70	ug/m3			07/11/26 00:30	40
Bromomethane	ND		31	28	ug/m3			07/11/26 00:30	40

Client Sample ID: RI-VP-4
Lab Sample ID: 480-240170-8
Date Collected: 07/02/26 02:20
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**37**	**J**	62	16	ug/m3			07/11/26 00:30	40
Carbon tetrachloride	ND		8.8	5.5	ug/m3			07/11/26 00:30	40
Chlorobenzene	ND		37	24	ug/m3			07/11/26 00:30	40
Chlorodifluoromethane	ND		28	21	ug/m3			07/11/26 00:30	40
Chloroethane	ND		53	20	ug/m3			07/11/26 00:30	40
Chloroform	ND		39	18	ug/m3			07/11/26 00:30	40
Chloromethane	**25**	**J**	41	20	ug/m3			07/11/26 00:30	40
cis-1,2-Dichloroethene	ND		8.1	3.3	ug/m3			07/11/26 00:30	40
cis-1,3-Dichloropropene	ND		36	18	ug/m3			07/11/26 00:30	40
Cumene	ND		39	8.1	ug/m3			07/11/26 00:30	40
Cyclohexane	**43**		28	15	ug/m3			07/11/26 00:30	40
Dibromochloromethane	ND		68	44	ug/m3			07/11/26 00:30	40
Dichlorodifluoromethane	ND		40	26	ug/m3			07/11/26 00:30	40
Ethylbenzene	ND		35	33	ug/m3			07/11/26 00:30	40
Hexachlorobutadiene	ND		85	47	ug/m3			07/11/26 00:30	40
Isopropyl alcohol	**46**	**J**	200	24	ug/m3			07/11/26 00:30	40
m,p-Xylene	ND		87	45	ug/m3			07/11/26 00:30	40
Methyl Butyl Ketone (2-Hexanone)	**37**	**J**	82	30	ug/m3			07/11/26 00:30	40
Methyl Ethyl Ketone (2-Butanone)	**6500**		59	25	ug/m3			07/11/26 00:30	40
Methyl methacrylate	ND		33	25	ug/m3			07/11/26 00:30	40
Methyl tert-butyl ether	ND		29	22	ug/m3			07/11/26 00:30	40
Methylene Chloride	ND		69	35	ug/m3			07/11/26 00:30	40
Naphthalene	ND		80	63	ug/m3			07/11/26 00:30	40
n-Butane	**730**		48	9.5	ug/m3			07/11/26 00:30	40
n-Butylbenzene	ND		44	24	ug/m3			07/11/26 00:30	40
n-Heptane	**51**		33	9.0	ug/m3			07/11/26 00:30	40
n-Hexane	**110**		70	18	ug/m3			07/11/26 00:30	40
N-Propylbenzene	ND		39	9.2	ug/m3			07/11/26 00:30	40
o-Xylene	ND		35	9.0	ug/m3			07/11/26 00:30	40
sec-Butylbenzene	ND		44	9.9	ug/m3			07/11/26 00:30	40
Styrene	ND		34	20	ug/m3			07/11/26 00:30	40
tert-Butyl alcohol	**35**	**J**	61	25	ug/m3			07/11/26 00:30	40
tert-Butylbenzene	ND		44	10	ug/m3			07/11/26 00:30	40
Tetrachloroethene	ND		54	10	ug/m3			07/11/26 00:30	40
Tetrahydrofuran	ND		120	28	ug/m3			07/11/26 00:30	40
Toluene	ND		30	18	ug/m3			07/11/26 00:30	40
trans-1,2-Dichloroethene	ND		32	19	ug/m3			07/11/26 00:30	40
trans-1,3-Dichloropropene	ND		36	22	ug/m3			07/11/26 00:30	40
Trichloroethene	ND		8.0	4.5	ug/m3			07/11/26 00:30	40
Trichlorofluoromethane	ND		45	34	ug/m3			07/11/26 00:30	40
Vinyl chloride	ND		8.0	4.1	ug/m3			07/11/26 00:30	40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	4.8	ppb v/v			07/11/26 00:30	40
1,1,2,2-Tetrachloroethane	ND		8.0	6.0	ppb v/v			07/11/26 00:30	40
1,1,2-Trichloroethane	ND		8.0	4.8	ppb v/v			07/11/26 00:30	40
1,1,2-Trichlorotrifluoroethane	ND		8.0	4.4	ppb v/v			07/11/26 00:30	40
1,1-Dichloroethane	ND		8.0	3.6	ppb v/v			07/11/26 00:30	40
1,1-Dichloroethene	ND		2.0	1.0	ppb v/v			07/11/26 00:30	40

Client Sample ID: RI-VP-4
Lab Sample ID: 480-240170-8
Date Collected: 07/02/26 02:20
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		20	15	ppb v/v			07/11/26 00:30	40
1,2,4-Trimethylbenzene	ND		8.0	3.2	ppb v/v			07/11/26 00:30	40
1,2-Dibromoethane	ND		8.0	5.2	ppb v/v			07/11/26 00:30	40
1,2-Dichlorobenzene	ND		8.0	4.8	ppb v/v			07/11/26 00:30	40
1,2-Dichloroethane	ND		8.0	3.2	ppb v/v			07/11/26 00:30	40
1,2-Dichloropropane	ND		8.0	5.2	ppb v/v			07/11/26 00:30	40
1,2-Dichlorotetrafluoroethane	ND		8.0	4.8	ppb v/v			07/11/26 00:30	40
1,3,5-Trimethylbenzene	ND		8.0	1.9	ppb v/v			07/11/26 00:30	40
1,3-Butadiene	**20**		8.0	6.8	ppb v/v			07/11/26 00:30	40
1,3-Dichlorobenzene	ND		8.0	5.2	ppb v/v			07/11/26 00:30	40
1,4-Dichlorobenzene	ND		8.0	6.8	ppb v/v			07/11/26 00:30	40
1,4-Dioxane	ND		8.0	6.8	ppb v/v			07/11/26 00:30	40
2,2,4-Trimethylpentane	ND		8.0	5.2	ppb v/v			07/11/26 00:30	40
2-Chlorotoluene	ND		8.0	1.8	ppb v/v			07/11/26 00:30	40
3-Chloropropene	ND		20	6.0	ppb v/v			07/11/26 00:30	40
4-Ethyltoluene	ND		8.0	7.2	ppb v/v			07/11/26 00:30	40
4-Isopropyltoluene	ND		20	7.6	ppb v/v			07/11/26 00:30	40
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		20	6.0	ppb v/v			07/11/26 00:30	40
Acetone	**1400**		40	21	ppb v/v			07/11/26 00:30	40
Benzene	ND		8.0	4.4	ppb v/v			07/11/26 00:30	40
Benzyl chloride	ND		8.0	3.5	ppb v/v			07/11/26 00:30	40
Bromodichloromethane	ND		8.0	4.8	ppb v/v			07/11/26 00:30	40
Bromoethene(Vinyl Bromide)	ND		8.0	7.2	ppb v/v			07/11/26 00:30	40
Bromoform	ND		8.0	6.8	ppb v/v			07/11/26 00:30	40
Bromomethane	ND		8.0	7.2	ppb v/v			07/11/26 00:30	40
Carbon disulfide	**12**	**J**	20	5.2	ppb v/v			07/11/26 00:30	40
Carbon tetrachloride	ND		1.4	0.88	ppb v/v			07/11/26 00:30	40
Chlorobenzene	ND		8.0	5.2	ppb v/v			07/11/26 00:30	40
Chlorodifluoromethane	ND		8.0	6.0	ppb v/v			07/11/26 00:30	40
Chloroethane	ND		20	7.6	ppb v/v			07/11/26 00:30	40
Chloroform	ND		8.0	3.7	ppb v/v			07/11/26 00:30	40
Chloromethane	**12**	**J**	20	9.6	ppb v/v			07/11/26 00:30	40
cis-1,2-Dichloroethene	ND		2.0	0.84	ppb v/v			07/11/26 00:30	40
cis-1,3-Dichloropropene	ND		8.0	4.0	ppb v/v			07/11/26 00:30	40
Cumene	ND		8.0	1.6	ppb v/v			07/11/26 00:30	40
Cyclohexane	**13**		8.0	4.4	ppb v/v			07/11/26 00:30	40
Dibromochloromethane	ND		8.0	5.2	ppb v/v			07/11/26 00:30	40
Dichlorodifluoromethane	ND		8.0	5.2	ppb v/v			07/11/26 00:30	40
Ethylbenzene	ND		8.0	7.6	ppb v/v			07/11/26 00:30	40
Hexachlorobutadiene	ND		8.0	4.4	ppb v/v			07/11/26 00:30	40
Isopropyl alcohol	**19**	**J**	80	9.6	ppb v/v			07/11/26 00:30	40
m,p-Xylene	ND		20	10	ppb v/v			07/11/26 00:30	40
Methyl Butyl Ketone (2-Hexanone)	**9.0**	**J**	20	7.2	ppb v/v			07/11/26 00:30	40
Methyl Ethyl Ketone (2-Butanone)	**2200**		20	8.4	ppb v/v			07/11/26 00:30	40
Methyl methacrylate	ND		8.0	6.0	ppb v/v			07/11/26 00:30	40
Methyl tert-butyl ether	ND		8.0	6.0	ppb v/v			07/11/26 00:30	40
Methylene Chloride	ND		20	10	ppb v/v			07/11/26 00:30	40
Naphthalene	ND		15	12	ppb v/v			07/11/26 00:30	40

Client Sample ID: RI-VP-4

Lab Sample ID: 480-240170-8
Date Collected: 07/02/26 02:20
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**310**		20	4.0	ppb v/v			07/11/26 00:30	40
n-Butylbenzene	ND		8.0	4.4	ppb v/v			07/11/26 00:30	40
n-Heptane	**13**		8.0	2.2	ppb v/v			07/11/26 00:30	40
n-Hexane	**31**		20	5.2	ppb v/v			07/11/26 00:30	40
N-Propylbenzene	ND		8.0	1.9	ppb v/v			07/11/26 00:30	40
o-Xylene	ND		8.0	2.1	ppb v/v			07/11/26 00:30	40
sec-Butylbenzene	ND		8.0	1.8	ppb v/v			07/11/26 00:30	40
Styrene	ND		8.0	4.8	ppb v/v			07/11/26 00:30	40
tert-Butyl alcohol	**11**	**J**	20	8.4	ppb v/v			07/11/26 00:30	40
tert-Butylbenzene	ND		8.0	1.9	ppb v/v			07/11/26 00:30	40
Tetrachloroethene	ND		8.0	1.5	ppb v/v			07/11/26 00:30	40
Tetrahydrofuran	ND		40	9.6	ppb v/v			07/11/26 00:30	40
Toluene	ND		8.0	4.8	ppb v/v			07/11/26 00:30	40
trans-1,2-Dichloroethene	ND		8.0	4.8	ppb v/v			07/11/26 00:30	40
trans-1,3-Dichloropropene	ND		8.0	4.8	ppb v/v			07/11/26 00:30	40
Trichloroethene	ND		1.5	0.84	ppb v/v			07/11/26 00:30	40
Trichlorofluoromethane	ND		8.0	6.1	ppb v/v			07/11/26 00:30	40
Vinyl chloride	ND		3.1	1.6	ppb v/v			07/11/26 00:30	40

Client Sample ID: RI-VP-6

Lab Sample ID: 480-240170-9
Date Collected: 07/02/26 03:00
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		440	260	ug/m3			07/16/26 21:55	400
1,1,2,2-Tetrachloroethane	ND		550	410	ug/m3			07/16/26 21:55	400
1,1,2-Trichloroethane	ND		440	260	ug/m3			07/16/26 21:55	400
1,1,2-Trichlorotrifluoroethane	ND		610	340	ug/m3			07/16/26 21:55	400
1,1-Dichloroethane	ND		320	140	ug/m3			07/16/26 21:55	400
1,1-Dichloroethene	ND		81	41	ug/m3			07/16/26 21:55	400
1,2,4-Trichlorobenzene	ND		1500	1100	ug/m3			07/16/26 21:55	400
1,2,4-Trimethylbenzene	ND		390	160	ug/m3			07/16/26 21:55	400
1,2-Dibromoethane	ND		610	400	ug/m3			07/16/26 21:55	400
1,2-Dichlorobenzene	ND		480	290	ug/m3			07/16/26 21:55	400
1,2-Dichloroethane	ND		320	130	ug/m3			07/16/26 21:55	400
1,2-Dichloropropane	ND		370	240	ug/m3			07/16/26 21:55	400
1,2-Dichlorotetrafluoroethane	ND		560	340	ug/m3			07/16/26 21:55	400
1,3,5-Trimethylbenzene	ND		390	92	ug/m3			07/16/26 21:55	400
1,3-Butadiene	ND		180	150	ug/m3			07/16/26 21:55	400
1,3-Dichlorobenzene	ND		480	310	ug/m3			07/16/26 21:55	400
1,4-Dichlorobenzene	ND		480	410	ug/m3			07/16/26 21:55	400
1,4-Dioxane	ND		290	250	ug/m3			07/16/26 21:55	400
2,2,4-Trimethylpentane	ND		370	240	ug/m3			07/16/26 21:55	400
2-Chlorotoluene	ND		410	95	ug/m3			07/16/26 21:55	400
3-Chloropropene	ND		630	190	ug/m3			07/16/26 21:55	400
4-Ethyltoluene	ND		390	350	ug/m3			07/16/26 21:55	400
4-Isopropyltoluene	ND		1100	420	ug/m3			07/16/26 21:55	400

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-VP-6
Lab Sample ID: 480-240170-9
Date Collected: 07/02/26 03:00
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		820	250	ug/m3			07/16/26 21:55	400
Acetone	**8400**		950	500	ug/m3			07/16/26 21:55	400
Benzene	ND		260	140	ug/m3			07/16/26 21:55	400
Benzyl chloride	ND		410	180	ug/m3			07/16/26 21:55	400
Bromodichloromethane	ND		540	320	ug/m3			07/16/26 21:55	400
Bromoethene(Vinyl Bromide)	ND		350	310	ug/m3			07/16/26 21:55	400
Bromoform	ND		830	700	ug/m3			07/16/26 21:55	400
Bromomethane	ND		310	280	ug/m3			07/16/26 21:55	400
Carbon disulfide	ND		620	160	ug/m3			07/16/26 21:55	400
Carbon tetrachloride	ND		88	55	ug/m3			07/16/26 21:55	400
Chlorobenzene	ND		370	240	ug/m3			07/16/26 21:55	400
Chlorodifluoromethane	ND		280	210	ug/m3			07/16/26 21:55	400
Chloroethane	ND		530	200	ug/m3			07/16/26 21:55	400
Chloroform	ND		390	180	ug/m3			07/16/26 21:55	400
Chloromethane	ND		410	200	ug/m3			07/16/26 21:55	400
cis-1,2-Dichloroethene	ND		81	33	ug/m3			07/16/26 21:55	400
cis-1,3-Dichloropropene	ND		360	180	ug/m3			07/16/26 21:55	400
Cumene	ND		390	81	ug/m3			07/16/26 21:55	400
Cyclohexane	ND		280	150	ug/m3			07/16/26 21:55	400
Dibromochloromethane	ND		680	440	ug/m3			07/16/26 21:55	400
Dichlorodifluoromethane	ND		400	260	ug/m3			07/16/26 21:55	400
Ethylbenzene	ND		350	330	ug/m3			07/16/26 21:55	400
Hexachlorobutadiene	ND		850	470	ug/m3			07/16/26 21:55	400
Isopropyl alcohol	**1000**	**J**	2000	240	ug/m3			07/16/26 21:55	400
m,p-Xylene	ND		870	450	ug/m3			07/16/26 21:55	400
Methyl Butyl Ketone (2-Hexanone)	**520**	**J**	820	300	ug/m3			07/16/26 21:55	400
Methyl Ethyl Ketone (2-Butanone)	**24000**		590	250	ug/m3			07/16/26 21:55	400
Methyl methacrylate	ND		330	250	ug/m3			07/16/26 21:55	400
Methyl tert-butyl ether	ND		290	220	ug/m3			07/16/26 21:55	400
Methylene Chloride	ND		690	350	ug/m3			07/16/26 21:55	400
Naphthalene	ND		800	630	ug/m3			07/16/26 21:55	400
n-Butane	**1200**		480	95	ug/m3			07/16/26 21:55	400
n-Butylbenzene	ND		440	240	ug/m3			07/16/26 21:55	400
n-Heptane	ND		330	90	ug/m3			07/16/26 21:55	400
n-Hexane	**280**	**J**	700	180	ug/m3			07/16/26 21:55	400
N-Propylbenzene	ND		390	92	ug/m3			07/16/26 21:55	400
o-Xylene	ND		350	90	ug/m3			07/16/26 21:55	400
sec-Butylbenzene	ND		440	99	ug/m3			07/16/26 21:55	400
Styrene	ND		340	200	ug/m3			07/16/26 21:55	400
tert-Butyl alcohol	ND		610	250	ug/m3			07/16/26 21:55	400
tert-Butylbenzene	ND		440	100	ug/m3			07/16/26 21:55	400
Tetrachloroethene	ND		540	100	ug/m3			07/16/26 21:55	400
Tetrahydrofuran	ND		1200	280	ug/m3			07/16/26 21:55	400
Toluene	ND		300	180	ug/m3			07/16/26 21:55	400
trans-1,2-Dichloroethene	ND		320	190	ug/m3			07/16/26 21:55	400
trans-1,3-Dichloropropene	ND		360	220	ug/m3			07/16/26 21:55	400
Trichloroethene	ND		80	45	ug/m3			07/16/26 21:55	400
Trichlorofluoromethane	ND		450	340	ug/m3			07/16/26 21:55	400

Client Sample ID: RI-VP-6
Lab Sample ID: 480-240170-9
Date Collected: 07/02/26 03:00
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		80	41	ug/m3			07/16/26 21:55	400

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		80	48	ppb v/v			07/16/26 21:55	400
1,1,2,2-Tetrachloroethane	ND		80	60	ppb v/v			07/16/26 21:55	400
1,1,2-Trichloroethane	ND		80	48	ppb v/v			07/16/26 21:55	400
1,1,2-Trichlorotrifluoroethane	ND		80	44	ppb v/v			07/16/26 21:55	400
1,1-Dichloroethane	ND		80	36	ppb v/v			07/16/26 21:55	400
1,1-Dichloroethene	ND		20	10	ppb v/v			07/16/26 21:55	400
1,2,4-Trichlorobenzene	ND		200	150	ppb v/v			07/16/26 21:55	400
1,2,4-Trimethylbenzene	ND		80	32	ppb v/v			07/16/26 21:55	400
1,2-Dibromoethane	ND		80	52	ppb v/v			07/16/26 21:55	400
1,2-Dichlorobenzene	ND		80	48	ppb v/v			07/16/26 21:55	400
1,2-Dichloroethane	ND		80	32	ppb v/v			07/16/26 21:55	400
1,2-Dichloropropane	ND		80	52	ppb v/v			07/16/26 21:55	400
1,2-Dichlorotetrafluoroethane	ND		80	48	ppb v/v			07/16/26 21:55	400
1,3,5-Trimethylbenzene	ND		80	19	ppb v/v			07/16/26 21:55	400
1,3-Butadiene	ND		80	68	ppb v/v			07/16/26 21:55	400
1,3-Dichlorobenzene	ND		80	52	ppb v/v			07/16/26 21:55	400
1,4-Dichlorobenzene	ND		80	68	ppb v/v			07/16/26 21:55	400
1,4-Dioxane	ND		80	68	ppb v/v			07/16/26 21:55	400
2,2,4-Trimethylpentane	ND		80	52	ppb v/v			07/16/26 21:55	400
2-Chlorotoluene	ND		80	18	ppb v/v			07/16/26 21:55	400
3-Chloropropene	ND		200	60	ppb v/v			07/16/26 21:55	400
4-Ethyltoluene	ND		80	72	ppb v/v			07/16/26 21:55	400
4-Isopropyltoluene	ND		200	76	ppb v/v			07/16/26 21:55	400
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		200	60	ppb v/v			07/16/26 21:55	400
Acetone	**3500**		400	210	ppb v/v			07/16/26 21:55	400
Benzene	ND		80	44	ppb v/v			07/16/26 21:55	400
Benzyl chloride	ND		80	35	ppb v/v			07/16/26 21:55	400
Bromodichloromethane	ND		80	48	ppb v/v			07/16/26 21:55	400
Bromoethene(Vinyl Bromide)	ND		80	72	ppb v/v			07/16/26 21:55	400
Bromoform	ND		80	68	ppb v/v			07/16/26 21:55	400
Bromomethane	ND		80	72	ppb v/v			07/16/26 21:55	400
Carbon disulfide	ND		200	52	ppb v/v			07/16/26 21:55	400
Carbon tetrachloride	ND		14	8.8	ppb v/v			07/16/26 21:55	400
Chlorobenzene	ND		80	52	ppb v/v			07/16/26 21:55	400
Chlorodifluoromethane	ND		80	60	ppb v/v			07/16/26 21:55	400
Chloroethane	ND		200	76	ppb v/v			07/16/26 21:55	400
Chloroform	ND		80	37	ppb v/v			07/16/26 21:55	400
Chloromethane	ND		200	96	ppb v/v			07/16/26 21:55	400
cis-1,2-Dichloroethene	ND		20	8.4	ppb v/v			07/16/26 21:55	400
cis-1,3-Dichloropropene	ND		80	40	ppb v/v			07/16/26 21:55	400
Cumene	ND		80	16	ppb v/v			07/16/26 21:55	400
Cyclohexane	ND		80	44	ppb v/v			07/16/26 21:55	400
Dibromochloromethane	ND		80	52	ppb v/v			07/16/26 21:55	400
Dichlorodifluoromethane	ND		80	52	ppb v/v			07/16/26 21:55	400
Ethylbenzene	ND		80	76	ppb v/v			07/16/26 21:55	400

Client Sample ID: RI-VP-6
Lab Sample ID: 480-240170-9

Date Collected: 07/02/26 03:00
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1440 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		80	44	ppb v/v			07/16/26 21:55	400
Isopropyl alcohol	**420**	**J**	800	96	ppb v/v			07/16/26 21:55	400
m,p-Xylene	ND		200	100	ppb v/v			07/16/26 21:55	400
Methyl Butyl Ketone (2-Hexanone)	**130**	**J**	200	72	ppb v/v			07/16/26 21:55	400
Methyl Ethyl Ketone (2-Butanone)	**8100**		200	84	ppb v/v			07/16/26 21:55	400
Methyl methacrylate	ND		80	60	ppb v/v			07/16/26 21:55	400
Methyl tert-butyl ether	ND		80	60	ppb v/v			07/16/26 21:55	400
Methylene Chloride	ND		200	100	ppb v/v			07/16/26 21:55	400
Naphthalene	ND		150	120	ppb v/v			07/16/26 21:55	400
n-Butane	**490**		200	40	ppb v/v			07/16/26 21:55	400
n-Butylbenzene	ND		80	44	ppb v/v			07/16/26 21:55	400
n-Heptane	ND		80	22	ppb v/v			07/16/26 21:55	400
n-Hexane	**81**	**J**	200	52	ppb v/v			07/16/26 21:55	400
N-Propylbenzene	ND		80	19	ppb v/v			07/16/26 21:55	400
o-Xylene	ND		80	21	ppb v/v			07/16/26 21:55	400
sec-Butylbenzene	ND		80	18	ppb v/v			07/16/26 21:55	400
Styrene	ND		80	48	ppb v/v			07/16/26 21:55	400
tert-Butyl alcohol	ND		200	84	ppb v/v			07/16/26 21:55	400
tert-Butylbenzene	ND		80	19	ppb v/v			07/16/26 21:55	400
Tetrachloroethene	ND		80	15	ppb v/v			07/16/26 21:55	400
Tetrahydrofuran	ND		400	96	ppb v/v			07/16/26 21:55	400
Toluene	ND		80	48	ppb v/v			07/16/26 21:55	400
trans-1,2-Dichloroethene	ND		80	48	ppb v/v			07/16/26 21:55	400
trans-1,3-Dichloropropene	ND		80	48	ppb v/v			07/16/26 21:55	400
Trichloroethene	ND		15	8.4	ppb v/v			07/16/26 21:55	400
Trichlorofluoromethane	ND		80	61	ppb v/v			07/16/26 21:55	400
Vinyl chloride	ND		31	16	ppb v/v			07/16/26 21:55	400

Client Sample ID: RI-VP-3
Lab Sample ID: 480-240170-10

Date Collected: 07/02/26 02:15
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		44	26	ug/m3			07/11/26 00:51	40
1,1,2,2-Tetrachloroethane	ND		55	41	ug/m3			07/11/26 00:51	40
1,1,2-Trichloroethane	ND		44	26	ug/m3			07/11/26 00:51	40
1,1,2-Trichlorotrifluoroethane	ND		61	34	ug/m3			07/11/26 00:51	40
1,1-Dichloroethane	ND		32	14	ug/m3			07/11/26 00:51	40
1,1-Dichloroethene	ND		8.1	4.1	ug/m3			07/11/26 00:51	40
1,2,4-Trichlorobenzene	ND		150	110	ug/m3			07/11/26 00:51	40
1,2,4-Trimethylbenzene	ND		39	16	ug/m3			07/11/26 00:51	40
1,2-Dibromoethane	ND		61	40	ug/m3			07/11/26 00:51	40
1,2-Dichlorobenzene	ND		48	29	ug/m3			07/11/26 00:51	40
1,2-Dichloroethane	ND		32	13	ug/m3			07/11/26 00:51	40
1,2-Dichloropropane	ND		37	24	ug/m3			07/11/26 00:51	40
1,2-Dichlorotetrafluoroethane	ND		56	34	ug/m3			07/11/26 00:51	40
1,3,5-Trimethylbenzene	ND		39	9.2	ug/m3			07/11/26 00:51	40

Client Sample ID: RI-VP-3
Lab Sample ID: 480-240170-10
Date Collected: 07/02/26 02:15
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Butadiene	**50**		18	15	ug/m3			07/11/26 00:51	40
1,3-Dichlorobenzene	ND		48	31	ug/m3			07/11/26 00:51	40
1,4-Dichlorobenzene	ND		48	41	ug/m3			07/11/26 00:51	40
1,4-Dioxane	ND		29	25	ug/m3			07/11/26 00:51	40
2,2,4-Trimethylpentane	ND		37	24	ug/m3			07/11/26 00:51	40
2-Chlorotoluene	ND		41	9.5	ug/m3			07/11/26 00:51	40
3-Chloropropene	ND		63	19	ug/m3			07/11/26 00:51	40
4-Ethyltoluene	ND		39	35	ug/m3			07/11/26 00:51	40
4-Isopropyltoluene	ND		110	42	ug/m3			07/11/26 00:51	40
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		82	25	ug/m3			07/11/26 00:51	40
Acetone	**1900**		95	50	ug/m3			07/11/26 00:51	40
Benzene	ND		26	14	ug/m3			07/11/26 00:51	40
Benzyl chloride	ND		41	18	ug/m3			07/11/26 00:51	40
Bromodichloromethane	ND		54	32	ug/m3			07/11/26 00:51	40
Bromoethene(Vinyl Bromide)	ND		35	31	ug/m3			07/11/26 00:51	40
Bromoform	ND		83	70	ug/m3			07/11/26 00:51	40
Bromomethane	ND		31	28	ug/m3			07/11/26 00:51	40
Carbon disulfide	ND		62	16	ug/m3			07/11/26 00:51	40
Carbon tetrachloride	ND		8.8	5.5	ug/m3			07/11/26 00:51	40
Chlorobenzene	ND		37	24	ug/m3			07/11/26 00:51	40
Chlorodifluoromethane	ND		28	21	ug/m3			07/11/26 00:51	40
Chloroethane	ND		53	20	ug/m3			07/11/26 00:51	40
Chloroform	ND		39	18	ug/m3			07/11/26 00:51	40
Chloromethane	ND		41	20	ug/m3			07/11/26 00:51	40
cis-1,2-Dichloroethene	ND		8.1	3.3	ug/m3			07/11/26 00:51	40
cis-1,3-Dichloropropene	ND		36	18	ug/m3			07/11/26 00:51	40
Cumene	ND		39	8.1	ug/m3			07/11/26 00:51	40
Cyclohexane	**32**		28	15	ug/m3			07/11/26 00:51	40
Dibromochloromethane	ND		68	44	ug/m3			07/11/26 00:51	40
Dichlorodifluoromethane	ND		40	26	ug/m3			07/11/26 00:51	40
Ethylbenzene	ND		35	33	ug/m3			07/11/26 00:51	40
Hexachlorobutadiene	ND		85	47	ug/m3			07/11/26 00:51	40
Isopropyl alcohol	ND		200	24	ug/m3			07/11/26 00:51	40
m,p-Xylene	ND		87	45	ug/m3			07/11/26 00:51	40
Methyl Butyl Ketone (2-Hexanone)	**53**	**J**	82	30	ug/m3			07/11/26 00:51	40
Methyl Ethyl Ketone (2-Butanone)	**5700**		59	25	ug/m3			07/11/26 00:51	40
Methyl methacrylate	ND		33	25	ug/m3			07/11/26 00:51	40
Methyl tert-butyl ether	ND		29	22	ug/m3			07/11/26 00:51	40
Methylene Chloride	ND		69	35	ug/m3			07/11/26 00:51	40
Naphthalene	ND		80	63	ug/m3			07/11/26 00:51	40
n-Butane	**660**		48	9.5	ug/m3			07/11/26 00:51	40
n-Butylbenzene	ND		44	24	ug/m3			07/11/26 00:51	40
n-Heptane	**52**		33	9.0	ug/m3			07/11/26 00:51	40
n-Hexane	**110**		70	18	ug/m3			07/11/26 00:51	40
N-Propylbenzene	ND		39	9.2	ug/m3			07/11/26 00:51	40
o-Xylene	ND		35	9.0	ug/m3			07/11/26 00:51	40
sec-Butylbenzene	ND		44	9.9	ug/m3			07/11/26 00:51	40
Styrene	ND		34	20	ug/m3			07/11/26 00:51	40

Client Sample ID: RI-VP-3
Lab Sample ID: 480-240170-10
Date Collected: 07/02/26 02:15
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol	**26**	**J**	61	25	ug/m3			07/11/26 00:51	40
tert-Butylbenzene	ND		44	10	ug/m3			07/11/26 00:51	40
Tetrachloroethene	ND		54	10	ug/m3			07/11/26 00:51	40
Tetrahydrofuran	ND		120	28	ug/m3			07/11/26 00:51	40
Toluene	ND		30	18	ug/m3			07/11/26 00:51	40
trans-1,2-Dichloroethene	ND		32	19	ug/m3			07/11/26 00:51	40
trans-1,3-Dichloropropene	ND		36	22	ug/m3			07/11/26 00:51	40
Trichloroethene	ND		8.0	4.5	ug/m3			07/11/26 00:51	40
Trichlorofluoromethane	ND		45	34	ug/m3			07/11/26 00:51	40
Vinyl chloride	ND		8.0	4.1	ug/m3			07/11/26 00:51	40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	4.8	ppb v/v			07/11/26 00:51	40
1,1,2,2-Tetrachloroethane	ND		8.0	6.0	ppb v/v			07/11/26 00:51	40
1,1,2-Trichloroethane	ND		8.0	4.8	ppb v/v			07/11/26 00:51	40
1,1,2-Trichlorotrifluoroethane	ND		8.0	4.4	ppb v/v			07/11/26 00:51	40
1,1-Dichloroethane	ND		8.0	3.6	ppb v/v			07/11/26 00:51	40
1,1-Dichloroethene	ND		2.0	1.0	ppb v/v			07/11/26 00:51	40
1,2,4-Trichlorobenzene	ND		20	15	ppb v/v			07/11/26 00:51	40
1,2,4-Trimethylbenzene	ND		8.0	3.2	ppb v/v			07/11/26 00:51	40
1,2-Dibromoethane	ND		8.0	5.2	ppb v/v			07/11/26 00:51	40
1,2-Dichlorobenzene	ND		8.0	4.8	ppb v/v			07/11/26 00:51	40
1,2-Dichloroethane	ND		8.0	3.2	ppb v/v			07/11/26 00:51	40
1,2-Dichloropropane	ND		8.0	5.2	ppb v/v			07/11/26 00:51	40
1,2-Dichlorotetrafluoroethane	ND		8.0	4.8	ppb v/v			07/11/26 00:51	40
1,3,5-Trimethylbenzene	ND		8.0	1.9	ppb v/v			07/11/26 00:51	40
1,3-Butadiene	**23**		8.0	6.8	ppb v/v			07/11/26 00:51	40
1,3-Dichlorobenzene	ND		8.0	5.2	ppb v/v			07/11/26 00:51	40
1,4-Dichlorobenzene	ND		8.0	6.8	ppb v/v			07/11/26 00:51	40
1,4-Dioxane	ND		8.0	6.8	ppb v/v			07/11/26 00:51	40
2,2,4-Trimethylpentane	ND		8.0	5.2	ppb v/v			07/11/26 00:51	40
2-Chlorotoluene	ND		8.0	1.8	ppb v/v			07/11/26 00:51	40
3-Chloropropene	ND		20	6.0	ppb v/v			07/11/26 00:51	40
4-Ethyltoluene	ND		8.0	7.2	ppb v/v			07/11/26 00:51	40
4-Isopropyltoluene	ND		20	7.6	ppb v/v			07/11/26 00:51	40
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		20	6.0	ppb v/v			07/11/26 00:51	40
Acetone	**780**		40	21	ppb v/v			07/11/26 00:51	40
Benzene	ND		8.0	4.4	ppb v/v			07/11/26 00:51	40
Benzyl chloride	ND		8.0	3.5	ppb v/v			07/11/26 00:51	40
Bromodichloromethane	ND		8.0	4.8	ppb v/v			07/11/26 00:51	40
Bromoethene(Vinyl Bromide)	ND		8.0	7.2	ppb v/v			07/11/26 00:51	40
Bromoform	ND		8.0	6.8	ppb v/v			07/11/26 00:51	40
Bromomethane	ND		8.0	7.2	ppb v/v			07/11/26 00:51	40
Carbon disulfide	ND		20	5.2	ppb v/v			07/11/26 00:51	40
Carbon tetrachloride	ND		1.4	0.88	ppb v/v			07/11/26 00:51	40
Chlorobenzene	ND		8.0	5.2	ppb v/v			07/11/26 00:51	40
Chlorodifluoromethane	ND		8.0	6.0	ppb v/v			07/11/26 00:51	40
Chloroethane	ND		20	7.6	ppb v/v			07/11/26 00:51	40

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-VP-3
Lab Sample ID: 480-240170-10
Date Collected: 07/02/26 02:15
Matrix: Air
Date Received: 07/07/26 10:30
Sample Time: 1445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		8.0	3.7	ppb v/v			07/11/26 00:51	40
Chloromethane	ND		20	9.6	ppb v/v			07/11/26 00:51	40
cis-1,2-Dichloroethene	ND		2.0	0.84	ppb v/v			07/11/26 00:51	40
cis-1,3-Dichloropropene	ND		8.0	4.0	ppb v/v			07/11/26 00:51	40
Cumene	ND		8.0	1.6	ppb v/v			07/11/26 00:51	40
Cyclohexane	**9.4**		8.0	4.4	ppb v/v			07/11/26 00:51	40
Dibromochloromethane	ND		8.0	5.2	ppb v/v			07/11/26 00:51	40
Dichlorodifluoromethane	ND		8.0	5.2	ppb v/v			07/11/26 00:51	40
Ethylbenzene	ND		8.0	7.6	ppb v/v			07/11/26 00:51	40
Hexachlorobutadiene	ND		8.0	4.4	ppb v/v			07/11/26 00:51	40
Isopropyl alcohol	ND		80	9.6	ppb v/v			07/11/26 00:51	40
m,p-Xylene	ND		20	10	ppb v/v			07/11/26 00:51	40
Methyl Butyl Ketone (2-Hexanone)	**13**	**J**	20	7.2	ppb v/v			07/11/26 00:51	40
Methyl Ethyl Ketone (2-Butanone)	**1900**		20	8.4	ppb v/v			07/11/26 00:51	40
Methyl methacrylate	ND		8.0	6.0	ppb v/v			07/11/26 00:51	40
Methyl tert-butyl ether	ND		8.0	6.0	ppb v/v			07/11/26 00:51	40
Methylene Chloride	ND		20	10	ppb v/v			07/11/26 00:51	40
Naphthalene	ND		15	12	ppb v/v			07/11/26 00:51	40
n-Butane	**280**		20	4.0	ppb v/v			07/11/26 00:51	40
n-Butylbenzene	ND		8.0	4.4	ppb v/v			07/11/26 00:51	40
n-Heptane	**13**		8.0	2.2	ppb v/v			07/11/26 00:51	40
n-Hexane	**31**		20	5.2	ppb v/v			07/11/26 00:51	40
N-Propylbenzene	ND		8.0	1.9	ppb v/v			07/11/26 00:51	40
o-Xylene	ND		8.0	2.1	ppb v/v			07/11/26 00:51	40
sec-Butylbenzene	ND		8.0	1.8	ppb v/v			07/11/26 00:51	40
Styrene	ND		8.0	4.8	ppb v/v			07/11/26 00:51	40
tert-Butyl alcohol	**8.7**	**J**	20	8.4	ppb v/v			07/11/26 00:51	40
tert-Butylbenzene	ND		8.0	1.9	ppb v/v			07/11/26 00:51	40
Tetrachloroethene	ND		8.0	1.5	ppb v/v			07/11/26 00:51	40
Tetrahydrofuran	ND		40	9.6	ppb v/v			07/11/26 00:51	40
Toluene	ND		8.0	4.8	ppb v/v			07/11/26 00:51	40
trans-1,2-Dichloroethene	ND		8.0	4.8	ppb v/v			07/11/26 00:51	40
trans-1,3-Dichloropropene	ND		8.0	4.8	ppb v/v			07/11/26 00:51	40
Trichloroethene	ND		1.5	0.84	ppb v/v			07/11/26 00:51	40
Trichlorofluoromethane	ND		8.0	6.1	ppb v/v			07/11/26 00:51	40
Vinyl chloride	ND		3.1	1.6	ppb v/v			07/11/26 00:51	40

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Lab Sample ID: MB 410-849369/7
Matrix: Air
Analysis Batch: 849369

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.65	ug/m3			07/10/26 12:10	1
1,1,2,2-Tetrachloroethane	ND		1.4	1.0	ug/m3			07/10/26 12:10	1
1,1,2-Trichloroethane	ND		1.1	0.65	ug/m3			07/10/26 12:10	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.84	ug/m3			07/10/26 12:10	1
1,1-Dichloroethane	ND		0.81	0.36	ug/m3			07/10/26 12:10	1
1,1-Dichloroethene	ND		0.20	0.10	ug/m3			07/10/26 12:10	1
1,2,4-Trichlorobenzene	ND		3.7	2.8	ug/m3			07/10/26 12:10	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			07/10/26 12:10	1
1,2-Dibromoethane	ND		1.5	1.0	ug/m3			07/10/26 12:10	1
1,2-Dichlorobenzene	ND		1.2	0.72	ug/m3			07/10/26 12:10	1
1,2-Dichloroethane	ND		0.81	0.32	ug/m3			07/10/26 12:10	1
1,2-Dichloropropane	ND		0.92	0.60	ug/m3			07/10/26 12:10	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.84	ug/m3			07/10/26 12:10	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			07/10/26 12:10	1
1,3-Butadiene	ND		0.44	0.38	ug/m3			07/10/26 12:10	1
1,3-Dichlorobenzene	ND		1.2	0.78	ug/m3			07/10/26 12:10	1
1,4-Dichlorobenzene	ND		1.2	1.0	ug/m3			07/10/26 12:10	1
1,4-Dioxane	ND		0.72	0.61	ug/m3			07/10/26 12:10	1
2,2,4-Trimethylpentane	ND		0.93	0.61	ug/m3			07/10/26 12:10	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			07/10/26 12:10	1
3-Chloropropene	ND		1.6	0.47	ug/m3			07/10/26 12:10	1
4-Ethyltoluene	ND		0.98	0.88	ug/m3			07/10/26 12:10	1
4-Isopropyltoluene	ND		2.7	1.0	ug/m3			07/10/26 12:10	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.61	ug/m3			07/10/26 12:10	1
Acetone	ND		2.4	1.3	ug/m3			07/10/26 12:10	1
Benzene	ND		0.64	0.35	ug/m3			07/10/26 12:10	1
Benzyl chloride	ND		1.0	0.46	ug/m3			07/10/26 12:10	1
Bromodichloromethane	ND		1.3	0.80	ug/m3			07/10/26 12:10	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.79	ug/m3			07/10/26 12:10	1
Bromoform	ND		2.1	1.8	ug/m3			07/10/26 12:10	1
Bromomethane	ND		0.78	0.70	ug/m3			07/10/26 12:10	1
Carbon disulfide	ND		1.6	0.40	ug/m3			07/10/26 12:10	1
Carbon tetrachloride	ND		0.22	0.14	ug/m3			07/10/26 12:10	1
Chlorobenzene	ND		0.92	0.60	ug/m3			07/10/26 12:10	1
Chlorodifluoromethane	ND		0.71	0.53	ug/m3			07/10/26 12:10	1
Chloroethane	ND		1.3	0.50	ug/m3			07/10/26 12:10	1
Chloroform	ND		0.98	0.45	ug/m3			07/10/26 12:10	1
Chloromethane	ND		1.0	0.50	ug/m3			07/10/26 12:10	1
cis-1,2-Dichloroethene	ND		0.20	0.083	ug/m3			07/10/26 12:10	1
cis-1,3-Dichloropropene	ND		0.91	0.45	ug/m3			07/10/26 12:10	1
Cumene	ND		0.98	0.20	ug/m3			07/10/26 12:10	1
Cyclohexane	ND		0.69	0.38	ug/m3			07/10/26 12:10	1
Dibromochloromethane	ND		1.7	1.1	ug/m3			07/10/26 12:10	1
Dichlorodifluoromethane	ND		0.99	0.64	ug/m3			07/10/26 12:10	1
Ethylbenzene	ND		0.87	0.83	ug/m3			07/10/26 12:10	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			07/10/26 12:10	1
Isopropyl alcohol	ND		4.9	0.59	ug/m3			07/10/26 12:10	1
m,p-Xylene	ND		2.2	1.1	ug/m3			07/10/26 12:10	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-849369/7
Matrix: Air
Analysis Batch: 849369

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.74	ug/m3			07/10/26 12:10	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.62	ug/m3			07/10/26 12:10	1
Methyl methacrylate	ND		0.82	0.61	ug/m3			07/10/26 12:10	1
Methyl tert-butyl ether	ND		0.72	0.54	ug/m3			07/10/26 12:10	1
Methylene Chloride	ND		1.7	0.87	ug/m3			07/10/26 12:10	1
Naphthalene	ND		2.0	1.6	ug/m3			07/10/26 12:10	1
n-Butane	ND		1.2	0.24	ug/m3			07/10/26 12:10	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			07/10/26 12:10	1
n-Heptane	ND		0.82	0.23	ug/m3			07/10/26 12:10	1
n-Hexane	ND		1.8	0.46	ug/m3			07/10/26 12:10	1
N-Propylbenzene	ND		0.98	0.23	ug/m3			07/10/26 12:10	1
o-Xylene	ND		0.87	0.23	ug/m3			07/10/26 12:10	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			07/10/26 12:10	1
Styrene	ND		0.85	0.51	ug/m3			07/10/26 12:10	1
tert-Butyl alcohol	ND		1.5	0.64	ug/m3			07/10/26 12:10	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			07/10/26 12:10	1
Tetrachloroethene	ND		1.4	0.26	ug/m3			07/10/26 12:10	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			07/10/26 12:10	1
Toluene	ND		0.75	0.45	ug/m3			07/10/26 12:10	1
trans-1,2-Dichloroethene	ND		0.79	0.48	ug/m3			07/10/26 12:10	1
trans-1,3-Dichloropropene	ND		0.91	0.54	ug/m3			07/10/26 12:10	1
Trichloroethene	ND		0.20	0.11	ug/m3			07/10/26 12:10	1
Trichlorofluoromethane	ND		1.1	0.85	ug/m3			07/10/26 12:10	1
Vinyl chloride	ND		0.20	0.10	ug/m3			07/10/26 12:10	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.12	ppb v/v			07/10/26 12:10	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.15	ppb v/v			07/10/26 12:10	1
1,1,2-Trichloroethane	ND		0.20	0.12	ppb v/v			07/10/26 12:10	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.11	ppb v/v			07/10/26 12:10	1
1,1-Dichloroethane	ND		0.20	0.089	ppb v/v			07/10/26 12:10	1
1,1-Dichloroethene	ND		0.051	0.026	ppb v/v			07/10/26 12:10	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ppb v/v			07/10/26 12:10	1
1,2,4-Trimethylbenzene	ND		0.20	0.080	ppb v/v			07/10/26 12:10	1
1,2-Dibromoethane	ND		0.20	0.13	ppb v/v			07/10/26 12:10	1
1,2-Dichlorobenzene	ND		0.20	0.12	ppb v/v			07/10/26 12:10	1
1,2-Dichloroethane	ND		0.20	0.080	ppb v/v			07/10/26 12:10	1
1,2-Dichloropropane	ND		0.20	0.13	ppb v/v			07/10/26 12:10	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.12	ppb v/v			07/10/26 12:10	1
1,3,5-Trimethylbenzene	ND		0.20	0.047	ppb v/v			07/10/26 12:10	1
1,3-Butadiene	ND		0.20	0.17	ppb v/v			07/10/26 12:10	1
1,3-Dichlorobenzene	ND		0.20	0.13	ppb v/v			07/10/26 12:10	1
1,4-Dichlorobenzene	ND		0.20	0.17	ppb v/v			07/10/26 12:10	1
1,4-Dioxane	ND		0.20	0.17	ppb v/v			07/10/26 12:10	1
2,2,4-Trimethylpentane	ND		0.20	0.13	ppb v/v			07/10/26 12:10	1
2-Chlorotoluene	ND		0.20	0.046	ppb v/v			07/10/26 12:10	1
3-Chloropropene	ND		0.50	0.15	ppb v/v			07/10/26 12:10	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-849369/7
Matrix: Air
Analysis Batch: 849369

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		0.20	0.18	ppb v/v			07/10/26 12:10	1
4-Isopropyltoluene	ND		0.50	0.19	ppb v/v			07/10/26 12:10	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.15	ppb v/v			07/10/26 12:10	1
Acetone	ND		1.0	0.53	ppb v/v			07/10/26 12:10	1
Benzene	ND		0.20	0.11	ppb v/v			07/10/26 12:10	1
Benzyl chloride	ND		0.20	0.088	ppb v/v			07/10/26 12:10	1
Bromodichloromethane	ND		0.20	0.12	ppb v/v			07/10/26 12:10	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.18	ppb v/v			07/10/26 12:10	1
Bromoform	ND		0.20	0.17	ppb v/v			07/10/26 12:10	1
Bromomethane	ND		0.20	0.18	ppb v/v			07/10/26 12:10	1
Carbon disulfide	ND		0.50	0.13	ppb v/v			07/10/26 12:10	1
Carbon tetrachloride	ND		0.035	0.022	ppb v/v			07/10/26 12:10	1
Chlorobenzene	ND		0.20	0.13	ppb v/v			07/10/26 12:10	1
Chlorodifluoromethane	ND		0.20	0.15	ppb v/v			07/10/26 12:10	1
Chloroethane	ND		0.50	0.19	ppb v/v			07/10/26 12:10	1
Chloroform	ND		0.20	0.092	ppb v/v			07/10/26 12:10	1
Chloromethane	ND		0.50	0.24	ppb v/v			07/10/26 12:10	1
cis-1,2-Dichloroethene	ND		0.051	0.021	ppb v/v			07/10/26 12:10	1
cis-1,3-Dichloropropene	ND		0.20	0.10	ppb v/v			07/10/26 12:10	1
Cumene	ND		0.20	0.041	ppb v/v			07/10/26 12:10	1
Cyclohexane	ND		0.20	0.11	ppb v/v			07/10/26 12:10	1
Dibromochloromethane	ND		0.20	0.13	ppb v/v			07/10/26 12:10	1
Dichlorodifluoromethane	ND		0.20	0.13	ppb v/v			07/10/26 12:10	1
Ethylbenzene	ND		0.20	0.19	ppb v/v			07/10/26 12:10	1
Hexachlorobutadiene	ND		0.20	0.11	ppb v/v			07/10/26 12:10	1
Isopropyl alcohol	ND		2.0	0.24	ppb v/v			07/10/26 12:10	1
m,p-Xylene	ND		0.50	0.26	ppb v/v			07/10/26 12:10	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.18	ppb v/v			07/10/26 12:10	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.21	ppb v/v			07/10/26 12:10	1
Methyl methacrylate	ND		0.20	0.15	ppb v/v			07/10/26 12:10	1
Methyl tert-butyl ether	ND		0.20	0.15	ppb v/v			07/10/26 12:10	1
Methylene Chloride	ND		0.50	0.25	ppb v/v			07/10/26 12:10	1
Naphthalene	ND		0.38	0.30	ppb v/v			07/10/26 12:10	1
n-Butane	ND		0.50	0.10	ppb v/v			07/10/26 12:10	1
n-Butylbenzene	ND		0.20	0.11	ppb v/v			07/10/26 12:10	1
n-Heptane	ND		0.20	0.055	ppb v/v			07/10/26 12:10	1
n-Hexane	ND		0.50	0.13	ppb v/v			07/10/26 12:10	1
N-Propylbenzene	ND		0.20	0.047	ppb v/v			07/10/26 12:10	1
o-Xylene	ND		0.20	0.052	ppb v/v			07/10/26 12:10	1
sec-Butylbenzene	ND		0.20	0.045	ppb v/v			07/10/26 12:10	1
Styrene	ND		0.20	0.12	ppb v/v			07/10/26 12:10	1
tert-Butyl alcohol	ND		0.50	0.21	ppb v/v			07/10/26 12:10	1
tert-Butylbenzene	ND		0.20	0.047	ppb v/v			07/10/26 12:10	1
Tetrachloroethene	ND		0.20	0.038	ppb v/v			07/10/26 12:10	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			07/10/26 12:10	1
Toluene	ND		0.20	0.12	ppb v/v			07/10/26 12:10	1
trans-1,2-Dichloroethene	ND		0.20	0.12	ppb v/v			07/10/26 12:10	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-849369/7
Matrix: Air
Analysis Batch: 849369

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.20	0.12	ppb v/v			07/10/26 12:10	1
Trichloroethene	ND		0.037	0.021	ppb v/v			07/10/26 12:10	1
Trichlorofluoromethane	ND		0.20	0.15	ppb v/v			07/10/26 12:10	1
Vinyl chloride	ND		0.078	0.040	ppb v/v			07/10/26 12:10	1

Lab Sample ID: LCS 410-849369/4
Matrix: Air
Analysis Batch: 849369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	43.4		ug/m3		80	70 - 130
1,1,2,2-Tetrachloroethane	68.7	60.6		ug/m3		88	61 - 130
1,1,2-Trichloroethane	54.6	51.1		ug/m3		94	70 - 130
1,1,2-Trichlorotrifluoroethane	76.6	71.6		ug/m3		93	70 - 130
1,1-Dichloroethane	40.5	37.6		ug/m3		93	70 - 130
1,1-Dichloroethene	39.6	40.5		ug/m3		102	70 - 131
1,2,4-Trichlorobenzene	74.2	67.4		ug/m3		91	52 - 143
1,2,4-Trimethylbenzene	49.2	41.5		ug/m3		84	65 - 146
1,2-Dibromoethane	76.8	68.6		ug/m3		89	70 - 130
1,2-Dichlorobenzene	60.1	51.9		ug/m3		86	61 - 139
1,2-Dichloroethane	40.5	34.0		ug/m3		84	70 - 131
1,2-Dichloropropane	46.2	41.9		ug/m3		91	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	64.0		ug/m3		92	70 - 130
1,3,5-Trimethylbenzene	49.2	38.6		ug/m3		78	69 - 141
1,3-Butadiene	22.1	21.7		ug/m3		98	70 - 131
1,3-Dichlorobenzene	60.1	56.6		ug/m3		94	64 - 140
1,4-Dichlorobenzene	60.1	54.4		ug/m3		90	64 - 137
1,4-Dioxane	36.0	32.9		ug/m3		91	70 - 130
2,2,4-Trimethylpentane	46.7	43.9		ug/m3		94	70 - 130
2-Chlorotoluene	51.8	43.3		ug/m3		84	70 - 130
3-Chloropropene	31.3	28.4		ug/m3		91	70 - 137
4-Ethyltoluene	49.2	45.8		ug/m3		93	69 - 139
4-Isopropyltoluene	54.9	47.7		ug/m3		87	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	35.9		ug/m3		88	68 - 133
Acetone	23.8	22.0		ug/m3		93	70 - 137
Benzene	31.9	29.6		ug/m3		93	70 - 130
Benzyl chloride	51.8	51.4		ug/m3		99	57 - 142
Bromodichloromethane	67.0	54.2		ug/m3		81	70 - 130
Bromoethene(Vinyl Bromide)	43.7	38.4		ug/m3		88	70 - 130
Bromoform	103	106		ug/m3		103	60 - 139
Bromomethane	38.8	34.8		ug/m3		90	70 - 140
Carbon disulfide	31.1	26.4		ug/m3		85	70 - 130
Carbon tetrachloride	62.9	48.8		ug/m3		78	70 - 130
Chlorobenzene	46.0	39.7		ug/m3		86	70 - 130
Chlorodifluoromethane	35.4	33.0		ug/m3		93	70 - 132
Chloroethane	26.4	23.2		ug/m3		88	70 - 131
Chloroform	48.8	41.7		ug/m3		85	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-849369/4
Matrix: Air
Analysis Batch: 849369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	20.7	17.1		ug/m3		83	64 - 138
cis-1,2-Dichloroethene	39.6	34.5		ug/m3		87	70 - 130
cis-1,3-Dichloropropene	45.4	39.7		ug/m3		88	70 - 130
Cumene	49.2	41.3		ug/m3		84	70 - 137
Cyclohexane	34.4	28.1		ug/m3		82	61 - 130
Dibromochloromethane	85.2	80.4		ug/m3		94	70 - 130
Dichlorodifluoromethane	49.5	40.1		ug/m3		81	70 - 131
Ethylbenzene	43.4	37.8		ug/m3		87	70 - 130
Hexachlorobutadiene	107	92.9		ug/m3		87	40 - 157
Isopropyl alcohol	24.6	21.0		ug/m3		85	62 - 135
m,p-Xylene	43.4	37.6		ug/m3		87	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41.0	39.3		ug/m3		96	57 - 141
Methyl Ethyl Ketone (2-Butanone)	29.5	26.7		ug/m3		90	70 - 130
Methyl methacrylate	40.9	35.9		ug/m3		88	70 - 130
Methyl tert-butyl ether	36.1	30.5		ug/m3		85	70 - 130
Methylene Chloride	34.7	35.0		ug/m3		101	70 - 130
Naphthalene	60.3	53.8		ug/m3		89	22 - 139
n-Butylbenzene	54.9	47.5		ug/m3		87	57 - 143
n-Heptane	41.0	36.9		ug/m3		90	70 - 130
n-Hexane	35.2	28.2		ug/m3		80	61 - 130
N-Propylbenzene	49.2	42.9		ug/m3		87	70 - 130
o-Xylene	43.4	34.6		ug/m3		80	70 - 130
sec-Butylbenzene	54.9	47.2		ug/m3		86	66 - 141
Styrene	42.6	36.1		ug/m3		85	70 - 133
tert-Butyl alcohol	33.6	28.1		ug/m3		83	50 - 130
tert-Butylbenzene	54.9	47.3		ug/m3		86	63 - 130
Tetrachloroethene	67.8	65.0		ug/m3		96	70 - 140
Tetrahydrofuran	29.5	26.1		ug/m3		88	54 - 143
Toluene	37.7	33.1		ug/m3		88	70 - 130
trans-1,2-Dichloroethene	39.6	34.8		ug/m3		88	70 - 130
trans-1,3-Dichloropropene	45.4	44.2		ug/m3		97	70 - 130
Trichloroethene	53.7	50.7		ug/m3		94	70 - 130
Trichlorofluoromethane	56.2	46.7		ug/m3		83	70 - 130
Vinyl chloride	25.6	25.5		ug/m3		100	70 - 135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	7.96		ppb v/v		80	70 - 130
1,1,2,2-Tetrachloroethane	10	8.82		ppb v/v		88	61 - 130
1,1,2-Trichloroethane	10	9.37		ppb v/v		94	70 - 130
1,1,2-Trichlorotrifluoroethane	10	9.35		ppb v/v		93	70 - 130
1,1-Dichloroethane	10	9.29		ppb v/v		93	70 - 130
1,1-Dichloroethene	10	10.2		ppb v/v		102	70 - 131
1,2,4-Trichlorobenzene	10	9.08		ppb v/v		91	52 - 143
1,2,4-Trimethylbenzene	10	8.44		ppb v/v		84	65 - 146
1,2-Dibromoethane	10	8.93		ppb v/v		89	70 - 130
1,2-Dichlorobenzene	10	8.63		ppb v/v		86	61 - 139

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-849369/4
Matrix: Air
Analysis Batch: 849369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	10	8.41		ppb v/v		84	70 - 131
1,2-Dichloropropane	10	9.07		ppb v/v		91	70 - 130
1,2-Dichlorotetrafluoroethane	10	9.15		ppb v/v		92	70 - 130
1,3,5-Trimethylbenzene	10	7.84		ppb v/v		78	69 - 141
1,3-Butadiene	10	9.82		ppb v/v		98	70 - 131
1,3-Dichlorobenzene	10	9.41		ppb v/v		94	64 - 140
1,4-Dichlorobenzene	10	9.04		ppb v/v		90	64 - 137
1,4-Dioxane	10	9.13		ppb v/v		91	70 - 130
2,2,4-Trimethylpentane	10	9.41		ppb v/v		94	70 - 130
2-Chlorotoluene	10	8.36		ppb v/v		84	70 - 130
3-Chloropropene	10	9.06		ppb v/v		91	70 - 137
4-Ethyltoluene	10	9.32		ppb v/v		93	69 - 139
4-Isopropyltoluene	10	8.70		ppb v/v		87	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	8.76		ppb v/v		88	68 - 133
Acetone	10	9.25		ppb v/v		93	70 - 137
Benzene	10	9.26		ppb v/v		93	70 - 130
Benzyl chloride	10	9.92		ppb v/v		99	57 - 142
Bromodichloromethane	10	8.08		ppb v/v		81	70 - 130
Bromoethene(Vinyl Bromide)	10	8.77		ppb v/v		88	70 - 130
Bromoform	10	10.3		ppb v/v		103	60 - 139
Bromomethane	10	8.97		ppb v/v		90	70 - 140
Carbon disulfide	10	8.48		ppb v/v		85	70 - 130
Carbon tetrachloride	10	7.75		ppb v/v		78	70 - 130
Chlorobenzene	10	8.63		ppb v/v		86	70 - 130
Chlorodifluoromethane	10	9.32		ppb v/v		93	70 - 132
Chloroethane	10	8.78		ppb v/v		88	70 - 131
Chloroform	10	8.54		ppb v/v		85	70 - 130
Chloromethane	10	8.28		ppb v/v		83	64 - 138
cis-1,2-Dichloroethene	10	8.70		ppb v/v		87	70 - 130
cis-1,3-Dichloropropene	10	8.75		ppb v/v		88	70 - 130
Cumene	10	8.40		ppb v/v		84	70 - 137
Cyclohexane	10	8.16		ppb v/v		82	61 - 130
Dibromochloromethane	10	9.43		ppb v/v		94	70 - 130
Dichlorodifluoromethane	10	8.12		ppb v/v		81	70 - 131
Ethylbenzene	10	8.70		ppb v/v		87	70 - 130
Hexachlorobutadiene	10	8.71		ppb v/v		87	40 - 157
Isopropyl alcohol	10	8.55		ppb v/v		85	62 - 135
m,p-Xylene	10	8.67		ppb v/v		87	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10	9.60		ppb v/v		96	57 - 141
Methyl Ethyl Ketone (2-Butanone)	10	9.05		ppb v/v		90	70 - 130
Methyl methacrylate	10	8.76		ppb v/v		88	70 - 130
Methyl tert-butyl ether	10	8.45		ppb v/v		85	70 - 130
Methylene Chloride	10	10.1		ppb v/v		101	70 - 130
Naphthalene	12	10.3		ppb v/v		89	22 - 139
n-Butylbenzene	10	8.66		ppb v/v		87	57 - 143

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-849369/4
Matrix: Air
Analysis Batch: 849369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Heptane	10	9.02		ppb v/v		90	70 - 130
n-Hexane	10	8.00		ppb v/v		80	61 - 130
N-Propylbenzene	10	8.72		ppb v/v		87	70 - 130
o-Xylene	10	7.97		ppb v/v		80	70 - 130
sec-Butylbenzene	10	8.60		ppb v/v		86	66 - 141
Styrene	10	8.48		ppb v/v		85	70 - 133
tert-Butyl alcohol	11	9.26		ppb v/v		83	50 - 130
tert-Butylbenzene	10	8.62		ppb v/v		86	63 - 130
Tetrachloroethene	10	9.58		ppb v/v		96	70 - 140
Tetrahydrofuran	10	8.85		ppb v/v		88	54 - 143
Toluene	10	8.78		ppb v/v		88	70 - 130
trans-1,2-Dichloroethene	10	8.77		ppb v/v		88	70 - 130
trans-1,3-Dichloropropene	10	9.75		ppb v/v		97	70 - 130
Trichloroethene	10	9.44		ppb v/v		94	70 - 130
Trichlorofluoromethane	10	8.32		ppb v/v		83	70 - 130
Vinyl chloride	10	9.97		ppb v/v		100	70 - 135

Lab Sample ID: LCS 410-849369/5
Matrix: Air
Analysis Batch: 849369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	23.8	20.8		ug/m3		87	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	10	8.73		ppb v/v		87	70 - 130

Lab Sample ID: MB 410-849380/7
Matrix: Air
Analysis Batch: 849380

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.65	ug/m3			07/10/26 12:22	1
1,1,2,2-Tetrachloroethane	ND		1.4	1.0	ug/m3			07/10/26 12:22	1
1,1,2-Trichloroethane	ND		1.1	0.65	ug/m3			07/10/26 12:22	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.84	ug/m3			07/10/26 12:22	1
1,1-Dichloroethane	ND		0.81	0.36	ug/m3			07/10/26 12:22	1
1,1-Dichloroethene	ND		0.20	0.10	ug/m3			07/10/26 12:22	1
1,2,4-Trichlorobenzene	ND		3.7	2.8	ug/m3			07/10/26 12:22	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			07/10/26 12:22	1
1,2-Dibromoethane	ND		1.5	1.0	ug/m3			07/10/26 12:22	1
1,2-Dichlorobenzene	ND		1.2	0.72	ug/m3			07/10/26 12:22	1
1,2-Dichloroethane	ND		0.81	0.32	ug/m3			07/10/26 12:22	1
1,2-Dichloropropane	ND		0.92	0.60	ug/m3			07/10/26 12:22	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.84	ug/m3			07/10/26 12:22	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			07/10/26 12:22	1
1,3-Butadiene	ND		0.44	0.38	ug/m3			07/10/26 12:22	1
1,3-Dichlorobenzene	ND		1.2	0.78	ug/m3			07/10/26 12:22	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-849380/7
Matrix: Air
Analysis Batch: 849380

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.2	1.0	ug/m3			07/10/26 12:22	1
1,4-Dioxane	ND		0.72	0.61	ug/m3			07/10/26 12:22	1
2,2,4-Trimethylpentane	ND		0.93	0.61	ug/m3			07/10/26 12:22	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			07/10/26 12:22	1
3-Chloropropene	ND		1.6	0.47	ug/m3			07/10/26 12:22	1
4-Ethyltoluene	ND		0.98	0.88	ug/m3			07/10/26 12:22	1
4-Isopropyltoluene	ND		2.7	1.0	ug/m3			07/10/26 12:22	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.61	ug/m3			07/10/26 12:22	1
Acetone	ND		2.4	1.3	ug/m3			07/10/26 12:22	1
Benzene	ND		0.64	0.35	ug/m3			07/10/26 12:22	1
Benzyl chloride	ND		1.0	0.46	ug/m3			07/10/26 12:22	1
Bromodichloromethane	ND		1.3	0.80	ug/m3			07/10/26 12:22	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.79	ug/m3			07/10/26 12:22	1
Bromoform	ND		2.1	1.8	ug/m3			07/10/26 12:22	1
Bromomethane	ND		0.78	0.70	ug/m3			07/10/26 12:22	1
Carbon disulfide	ND		1.6	0.40	ug/m3			07/10/26 12:22	1
Carbon tetrachloride	ND		0.22	0.14	ug/m3			07/10/26 12:22	1
Chlorobenzene	ND		0.92	0.60	ug/m3			07/10/26 12:22	1
Chlorodifluoromethane	ND		0.71	0.53	ug/m3			07/10/26 12:22	1
Chloroethane	ND		1.3	0.50	ug/m3			07/10/26 12:22	1
Chloroform	ND		0.98	0.45	ug/m3			07/10/26 12:22	1
Chloromethane	ND		1.0	0.50	ug/m3			07/10/26 12:22	1
cis-1,2-Dichloroethene	ND		0.20	0.083	ug/m3			07/10/26 12:22	1
cis-1,3-Dichloropropene	ND		0.91	0.45	ug/m3			07/10/26 12:22	1
Cumene	ND		0.98	0.20	ug/m3			07/10/26 12:22	1
Cyclohexane	ND		0.69	0.38	ug/m3			07/10/26 12:22	1
Dibromochloromethane	ND		1.7	1.1	ug/m3			07/10/26 12:22	1
Dichlorodifluoromethane	ND		0.99	0.64	ug/m3			07/10/26 12:22	1
Ethylbenzene	ND		0.87	0.83	ug/m3			07/10/26 12:22	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			07/10/26 12:22	1
Isopropyl alcohol	0.785	J	4.9	0.59	ug/m3			07/10/26 12:22	1
m,p-Xylene	ND		2.2	1.1	ug/m3			07/10/26 12:22	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.74	ug/m3			07/10/26 12:22	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.62	ug/m3			07/10/26 12:22	1
Methyl methacrylate	ND		0.82	0.61	ug/m3			07/10/26 12:22	1
Methyl tert-butyl ether	ND		0.72	0.54	ug/m3			07/10/26 12:22	1
Methylene Chloride	ND		1.7	0.87	ug/m3			07/10/26 12:22	1
Naphthalene	ND		2.0	1.6	ug/m3			07/10/26 12:22	1
n-Butane	ND		1.2	0.24	ug/m3			07/10/26 12:22	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			07/10/26 12:22	1
n-Heptane	ND		0.82	0.23	ug/m3			07/10/26 12:22	1
n-Hexane	ND		1.8	0.46	ug/m3			07/10/26 12:22	1
N-Propylbenzene	ND		0.98	0.23	ug/m3			07/10/26 12:22	1
o-Xylene	ND		0.87	0.23	ug/m3			07/10/26 12:22	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			07/10/26 12:22	1
Styrene	ND		0.85	0.51	ug/m3			07/10/26 12:22	1
tert-Butyl alcohol	ND		1.5	0.64	ug/m3			07/10/26 12:22	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-849380/7
Matrix: Air
Analysis Batch: 849380

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		1.1	0.26	ug/m3			07/10/26 12:22	1
Tetrachloroethene	ND		1.4	0.26	ug/m3			07/10/26 12:22	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			07/10/26 12:22	1
Toluene	ND		0.75	0.45	ug/m3			07/10/26 12:22	1
trans-1,2-Dichloroethene	ND		0.79	0.48	ug/m3			07/10/26 12:22	1
trans-1,3-Dichloropropene	ND		0.91	0.54	ug/m3			07/10/26 12:22	1
Trichloroethene	ND		0.20	0.11	ug/m3			07/10/26 12:22	1
Trichlorofluoromethane	ND		1.1	0.85	ug/m3			07/10/26 12:22	1
Vinyl chloride	ND		0.20	0.10	ug/m3			07/10/26 12:22	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.12	ppb v/v			07/10/26 12:22	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.15	ppb v/v			07/10/26 12:22	1
1,1,2-Trichloroethane	ND		0.20	0.12	ppb v/v			07/10/26 12:22	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.11	ppb v/v			07/10/26 12:22	1
1,1-Dichloroethane	ND		0.20	0.089	ppb v/v			07/10/26 12:22	1
1,1-Dichloroethene	ND		0.051	0.026	ppb v/v			07/10/26 12:22	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ppb v/v			07/10/26 12:22	1
1,2,4-Trimethylbenzene	ND		0.20	0.080	ppb v/v			07/10/26 12:22	1
1,2-Dibromoethane	ND		0.20	0.13	ppb v/v			07/10/26 12:22	1
1,2-Dichlorobenzene	ND		0.20	0.12	ppb v/v			07/10/26 12:22	1
1,2-Dichloroethane	ND		0.20	0.080	ppb v/v			07/10/26 12:22	1
1,2-Dichloropropane	ND		0.20	0.13	ppb v/v			07/10/26 12:22	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.12	ppb v/v			07/10/26 12:22	1
1,3,5-Trimethylbenzene	ND		0.20	0.047	ppb v/v			07/10/26 12:22	1
1,3-Butadiene	ND		0.20	0.17	ppb v/v			07/10/26 12:22	1
1,3-Dichlorobenzene	ND		0.20	0.13	ppb v/v			07/10/26 12:22	1
1,4-Dichlorobenzene	ND		0.20	0.17	ppb v/v			07/10/26 12:22	1
1,4-Dioxane	ND		0.20	0.17	ppb v/v			07/10/26 12:22	1
2,2,4-Trimethylpentane	ND		0.20	0.13	ppb v/v			07/10/26 12:22	1
2-Chlorotoluene	ND		0.20	0.046	ppb v/v			07/10/26 12:22	1
3-Chloropropene	ND		0.50	0.15	ppb v/v			07/10/26 12:22	1
4-Ethyltoluene	ND		0.20	0.18	ppb v/v			07/10/26 12:22	1
4-Isopropyltoluene	ND		0.50	0.19	ppb v/v			07/10/26 12:22	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.15	ppb v/v			07/10/26 12:22	1
Acetone	ND		1.0	0.53	ppb v/v			07/10/26 12:22	1
Benzene	ND		0.20	0.11	ppb v/v			07/10/26 12:22	1
Benzyl chloride	ND		0.20	0.088	ppb v/v			07/10/26 12:22	1
Bromodichloromethane	ND		0.20	0.12	ppb v/v			07/10/26 12:22	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.18	ppb v/v			07/10/26 12:22	1
Bromoform	ND		0.20	0.17	ppb v/v			07/10/26 12:22	1
Bromomethane	ND		0.20	0.18	ppb v/v			07/10/26 12:22	1
Carbon disulfide	ND		0.50	0.13	ppb v/v			07/10/26 12:22	1
Carbon tetrachloride	ND		0.035	0.022	ppb v/v			07/10/26 12:22	1
Chlorobenzene	ND		0.20	0.13	ppb v/v			07/10/26 12:22	1
Chlorodifluoromethane	ND		0.20	0.15	ppb v/v			07/10/26 12:22	1
Chloroethane	ND		0.50	0.19	ppb v/v			07/10/26 12:22	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-849380/7
Matrix: Air
Analysis Batch: 849380

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.20	0.092	ppb v/v			07/10/26 12:22	1
Chloromethane	ND		0.50	0.24	ppb v/v			07/10/26 12:22	1
cis-1,2-Dichloroethene	ND		0.051	0.021	ppb v/v			07/10/26 12:22	1
cis-1,3-Dichloropropene	ND		0.20	0.10	ppb v/v			07/10/26 12:22	1
Cumene	ND		0.20	0.041	ppb v/v			07/10/26 12:22	1
Cyclohexane	ND		0.20	0.11	ppb v/v			07/10/26 12:22	1
Dibromochloromethane	ND		0.20	0.13	ppb v/v			07/10/26 12:22	1
Dichlorodifluoromethane	ND		0.20	0.13	ppb v/v			07/10/26 12:22	1
Ethylbenzene	ND		0.20	0.19	ppb v/v			07/10/26 12:22	1
Hexachlorobutadiene	ND		0.20	0.11	ppb v/v			07/10/26 12:22	1
Isopropyl alcohol	0.320	J	2.0	0.24	ppb v/v			07/10/26 12:22	1
m,p-Xylene	ND		0.50	0.26	ppb v/v			07/10/26 12:22	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.18	ppb v/v			07/10/26 12:22	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.21	ppb v/v			07/10/26 12:22	1
Methyl methacrylate	ND		0.20	0.15	ppb v/v			07/10/26 12:22	1
Methyl tert-butyl ether	ND		0.20	0.15	ppb v/v			07/10/26 12:22	1
Methylene Chloride	ND		0.50	0.25	ppb v/v			07/10/26 12:22	1
Naphthalene	ND		0.38	0.30	ppb v/v			07/10/26 12:22	1
n-Butane	ND		0.50	0.10	ppb v/v			07/10/26 12:22	1
n-Butylbenzene	ND		0.20	0.11	ppb v/v			07/10/26 12:22	1
n-Heptane	ND		0.20	0.055	ppb v/v			07/10/26 12:22	1
n-Hexane	ND		0.50	0.13	ppb v/v			07/10/26 12:22	1
N-Propylbenzene	ND		0.20	0.047	ppb v/v			07/10/26 12:22	1
o-Xylene	ND		0.20	0.052	ppb v/v			07/10/26 12:22	1
sec-Butylbenzene	ND		0.20	0.045	ppb v/v			07/10/26 12:22	1
Styrene	ND		0.20	0.12	ppb v/v			07/10/26 12:22	1
tert-Butyl alcohol	ND		0.50	0.21	ppb v/v			07/10/26 12:22	1
tert-Butylbenzene	ND		0.20	0.047	ppb v/v			07/10/26 12:22	1
Tetrachloroethene	ND		0.20	0.038	ppb v/v			07/10/26 12:22	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			07/10/26 12:22	1
Toluene	ND		0.20	0.12	ppb v/v			07/10/26 12:22	1
trans-1,2-Dichloroethene	ND		0.20	0.12	ppb v/v			07/10/26 12:22	1
trans-1,3-Dichloropropene	ND		0.20	0.12	ppb v/v			07/10/26 12:22	1
Trichloroethene	ND		0.037	0.021	ppb v/v			07/10/26 12:22	1
Trichlorofluoromethane	ND		0.20	0.15	ppb v/v			07/10/26 12:22	1
Vinyl chloride	ND		0.078	0.040	ppb v/v			07/10/26 12:22	1

Lab Sample ID: LCS 410-849380/4
Matrix: Air
Analysis Batch: 849380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	49.9		ug/m3		91	70 - 130
1,1,2,2-Tetrachloroethane	68.7	72.5		ug/m3		106	61 - 130
1,1,2-Trichloroethane	54.6	46.7		ug/m3		86	70 - 130
1,1,2-Trichlorotrifluoroethane	76.6	78.2		ug/m3		102	70 - 130
1,1-Dichloroethane	40.5	38.3		ug/m3		95	70 - 130
1,1-Dichloroethene	39.6	37.7		ug/m3		95	70 - 131

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-849380/4
Matrix: Air
Analysis Batch: 849380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	74.2	92.9		ug/m3		125	52 - 143
1,2,4-Trimethylbenzene	49.2	51.8		ug/m3		105	65 - 146
1,2-Dibromoethane	76.8	66.0		ug/m3		86	70 - 130
1,2-Dichlorobenzene	60.1	65.1		ug/m3		108	61 - 139
1,2-Dichloroethane	40.5	32.9		ug/m3		81	70 - 131
1,2-Dichloropropane	46.2	43.7		ug/m3		95	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	77.0		ug/m3		110	70 - 130
1,3,5-Trimethylbenzene	49.2	53.6		ug/m3		109	69 - 141
1,3-Butadiene	22.1	21.3		ug/m3		96	70 - 131
1,3-Dichlorobenzene	60.1	65.2		ug/m3		108	64 - 140
1,4-Dichlorobenzene	60.1	65.1		ug/m3		108	64 - 137
1,4-Dioxane	36.0	45.8		ug/m3		127	70 - 130
2,2,4-Trimethylpentane	46.7	46.2		ug/m3		99	70 - 130
2-Chlorotoluene	51.8	48.2		ug/m3		93	70 - 130
3-Chloropropene	31.3	31.6		ug/m3		101	70 - 137
4-Ethyltoluene	49.2	56.6		ug/m3		115	69 - 139
4-Isopropyltoluene	54.9	61.9		ug/m3		113	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	48.4		ug/m3		118	68 - 133
Acetone	23.8	22.1		ug/m3		93	70 - 137
Benzene	31.9	27.4		ug/m3		86	70 - 130
Benzyl chloride	51.8	54.8		ug/m3		106	57 - 142
Bromodichloromethane	67.0	56.4		ug/m3		84	70 - 130
Bromoethene(Vinyl Bromide)	43.7	41.5		ug/m3		95	70 - 130
Bromoform	103	97.9		ug/m3		95	60 - 139
Bromomethane	38.8	35.5		ug/m3		91	70 - 140
Carbon disulfide	31.1	25.5		ug/m3		82	70 - 130
Carbon tetrachloride	62.9	53.6		ug/m3		85	70 - 130
Chlorobenzene	46.0	40.5		ug/m3		88	70 - 130
Chlorodifluoromethane	35.4	41.5		ug/m3		117	70 - 132
Chloroethane	26.4	25.8		ug/m3		98	70 - 131
Chloroform	48.8	43.1		ug/m3		88	70 - 130
Chloromethane	20.7	22.9		ug/m3		111	64 - 138
cis-1,2-Dichloroethene	39.6	36.4		ug/m3		92	70 - 130
cis-1,3-Dichloropropene	45.4	38.3		ug/m3		84	70 - 130
Cumene	49.2	50.4		ug/m3		103	70 - 137
Cyclohexane	34.4	35.3		ug/m3		103	61 - 130
Dibromochloromethane	85.2	71.9		ug/m3		84	70 - 130
Dichlorodifluoromethane	49.5	47.8		ug/m3		97	70 - 131
Ethylbenzene	43.4	34.7		ug/m3		80	70 - 130
Hexachlorobutadiene	107	145		ug/m3		136	40 - 157
Isopropyl alcohol	24.6	24.2		ug/m3		98	62 - 135
m,p-Xylene	43.4	41.0		ug/m3		94	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41.0	51.4		ug/m3		125	57 - 141
Methyl Ethyl Ketone (2-Butanone)	29.5	29.8		ug/m3		101	70 - 130
Methyl methacrylate	40.9	42.2		ug/m3		103	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-849380/4
Matrix: Air
Analysis Batch: 849380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	36.1	37.0		ug/m3		103	70 - 130
Methylene Chloride	34.7	35.9		ug/m3		103	70 - 130
Naphthalene	60.3	78.4		ug/m3		130	22 - 139
n-Butylbenzene	54.9	62.7		ug/m3		114	57 - 143
n-Heptane	41.0	37.2		ug/m3		91	70 - 130
n-Hexane	35.2	31.0		ug/m3		88	61 - 130
N-Propylbenzene	49.2	50.0		ug/m3		102	70 - 130
o-Xylene	43.4	36.8		ug/m3		85	70 - 130
sec-Butylbenzene	54.9	62.0		ug/m3		113	66 - 141
Styrene	42.6	40.4		ug/m3		95	70 - 133
tert-Butyl alcohol	33.6	40.2		ug/m3		119	50 - 130
tert-Butylbenzene	54.9	60.3		ug/m3		110	63 - 130
Tetrachloroethene	67.8	70.8		ug/m3		104	70 - 140
Tetrahydrofuran	29.5	29.7		ug/m3		101	54 - 143
Toluene	37.7	31.5		ug/m3		84	70 - 130
trans-1,2-Dichloroethene	39.6	33.6		ug/m3		85	70 - 130
trans-1,3-Dichloropropene	45.4	43.8		ug/m3		97	70 - 130
Trichloroethene	53.7	46.1		ug/m3		86	70 - 130
Trichlorofluoromethane	56.2	51.8		ug/m3		92	70 - 130
Vinyl chloride	25.6	24.0		ug/m3		94	70 - 135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	9.15		ppb v/v		91	70 - 130
1,1,2,2-Tetrachloroethane	10	10.6		ppb v/v		106	61 - 130
1,1,2-Trichloroethane	10	8.55		ppb v/v		86	70 - 130
1,1,2-Trichlorotrifluoroethane	10	10.2		ppb v/v		102	70 - 130
1,1-Dichloroethane	10	9.46		ppb v/v		95	70 - 130
1,1-Dichloroethene	10	9.50		ppb v/v		95	70 - 131
1,2,4-Trichlorobenzene	10	12.5		ppb v/v		125	52 - 143
1,2,4-Trimethylbenzene	10	10.5		ppb v/v		105	65 - 146
1,2-Dibromoethane	10	8.59		ppb v/v		86	70 - 130
1,2-Dichlorobenzene	10	10.8		ppb v/v		108	61 - 139
1,2-Dichloroethane	10	8.12		ppb v/v		81	70 - 131
1,2-Dichloropropane	10	9.45		ppb v/v		95	70 - 130
1,2-Dichlorotetrafluoroethane	10	11.0		ppb v/v		110	70 - 130
1,3,5-Trimethylbenzene	10	10.9		ppb v/v		109	69 - 141
1,3-Butadiene	10	9.64		ppb v/v		96	70 - 131
1,3-Dichlorobenzene	10	10.8		ppb v/v		108	64 - 140
1,4-Dichlorobenzene	10	10.8		ppb v/v		108	64 - 137
1,4-Dioxane	10	12.7		ppb v/v		127	70 - 130
2,2,4-Trimethylpentane	10	9.88		ppb v/v		99	70 - 130
2-Chlorotoluene	10	9.31		ppb v/v		93	70 - 130
3-Chloropropene	10	10.1		ppb v/v		101	70 - 137
4-Ethyltoluene	10	11.5		ppb v/v		115	69 - 139
4-Isopropyltoluene	10	11.3		ppb v/v		113	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	11.8		ppb v/v		118	68 - 133
Acetone	10	9.30		ppb v/v		93	70 - 137

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-849380/4
Matrix: Air
Analysis Batch: 849380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	10	8.59		ppb v/v		86	70 - 130
Benzyl chloride	10	10.6		ppb v/v		106	57 - 142
Bromodichloromethane	10	8.42		ppb v/v		84	70 - 130
Bromoethene(Vinyl Bromide)	10	9.49		ppb v/v		95	70 - 130
Bromoform	10	9.47		ppb v/v		95	60 - 139
Bromomethane	10	9.14		ppb v/v		91	70 - 140
Carbon disulfide	10	8.17		ppb v/v		82	70 - 130
Carbon tetrachloride	10	8.52		ppb v/v		85	70 - 130
Chlorobenzene	10	8.80		ppb v/v		88	70 - 130
Chlorodifluoromethane	10	11.7		ppb v/v		117	70 - 132
Chloroethane	10	9.77		ppb v/v		98	70 - 131
Chloroform	10	8.82		ppb v/v		88	70 - 130
Chloromethane	10	11.1		ppb v/v		111	64 - 138
cis-1,2-Dichloroethene	10	9.19		ppb v/v		92	70 - 130
cis-1,3-Dichloropropene	10	8.44		ppb v/v		84	70 - 130
Cumene	10	10.3		ppb v/v		103	70 - 137
Cyclohexane	10	10.3		ppb v/v		103	61 - 130
Dibromochloromethane	10	8.44		ppb v/v		84	70 - 130
Dichlorodifluoromethane	10	9.67		ppb v/v		97	70 - 131
Ethylbenzene	10	8.00		ppb v/v		80	70 - 130
Hexachlorobutadiene	10	13.6		ppb v/v		136	40 - 157
Isopropyl alcohol	10	9.85		ppb v/v		98	62 - 135
m,p-Xylene	10	9.45		ppb v/v		94	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10	12.5		ppb v/v		125	57 - 141
Methyl Ethyl Ketone (2-Butanone)	10	10.1		ppb v/v		101	70 - 130
Methyl methacrylate	10	10.3		ppb v/v		103	70 - 130
Methyl tert-butyl ether	10	10.3		ppb v/v		103	70 - 130
Methylene Chloride	10	10.3		ppb v/v		103	70 - 130
Naphthalene	12	15.0		ppb v/v		130	22 - 139
n-Butylbenzene	10	11.4		ppb v/v		114	57 - 143
n-Heptane	10	9.08		ppb v/v		91	70 - 130
n-Hexane	10	8.79		ppb v/v		88	61 - 130
N-Propylbenzene	10	10.2		ppb v/v		102	70 - 130
o-Xylene	10	8.48		ppb v/v		85	70 - 130
sec-Butylbenzene	10	11.3		ppb v/v		113	66 - 141
Styrene	10	9.48		ppb v/v		95	70 - 133
tert-Butyl alcohol	11	13.3		ppb v/v		119	50 - 130
tert-Butylbenzene	10	11.0		ppb v/v		110	63 - 130
Tetrachloroethene	10	10.4		ppb v/v		104	70 - 140
Tetrahydrofuran	10	10.1		ppb v/v		101	54 - 143
Toluene	10	8.36		ppb v/v		84	70 - 130
trans-1,2-Dichloroethene	10	8.47		ppb v/v		85	70 - 130
trans-1,3-Dichloropropene	10	9.66		ppb v/v		97	70 - 130
Trichloroethene	10	8.59		ppb v/v		86	70 - 130
Trichlorofluoromethane	10	9.22		ppb v/v		92	70 - 130
Vinyl chloride	10	9.40		ppb v/v		94	70 - 135

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Lab Sample ID: LCS 410-849380/5
Matrix: Air
Analysis Batch: 849380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
n-Butane			23.8	20.9		ug/m3		88	70 - 130		

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
n-Butane			10	8.80		ppb v/v		88	70 - 130		

Lab Sample ID: 480-240170-4 DU
Matrix: Air
Analysis Batch: 849380

Client Sample ID: RI-IA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1,1-Trichloroethane	ND			ND		ug/m3				NC	25
1,1,2,2-Tetrachloroethane	ND			ND		ug/m3				NC	25
1,1,2-Trichloroethane	ND			ND		ug/m3				NC	25
1,1,2-Trichlorotrifluoroethane	ND			ND		ug/m3				NC	25
1,1-Dichloroethane	ND			ND		ug/m3				NC	25
1,1-Dichloroethene	ND			ND		ug/m3				NC	25
1,2,4-Trichlorobenzene	ND			ND		ug/m3				NC	25
1,2,4-Trimethylbenzene	ND			ND		ug/m3				NC	25
1,2-Dibromoethane	ND			ND		ug/m3				NC	25
1,2-Dichlorobenzene	ND			ND		ug/m3				NC	25
1,2-Dichloroethane	ND			ND		ug/m3				NC	25
1,2-Dichloropropane	ND			ND		ug/m3				NC	25
1,2-Dichlorotetrafluoroethane	ND			1.78		ug/m3				NC	25
1,3,5-Trimethylbenzene	ND			ND		ug/m3				NC	25
1,3-Butadiene	ND			ND		ug/m3				NC	25
1,3-Dichlorobenzene	ND			ND		ug/m3				NC	25
1,4-Dichlorobenzene	ND			ND		ug/m3				NC	25
1,4-Dioxane	ND			ND		ug/m3				NC	25
2,2,4-Trimethylpentane	ND			ND		ug/m3				NC	25
2-Chlorotoluene	ND			ND		ug/m3				NC	25
3-Chloropropene	ND			ND		ug/m3				NC	25
4-Ethyltoluene	ND			ND		ug/m3				NC	25
4-Isopropyltoluene	1.1	J		1.09	J	ug/m3				2	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND			ND		ug/m3				NC	25
Acetone	28			29.2		ug/m3				5	25
Benzene	0.47	J		0.493	J	ug/m3				4	25
Benzyl chloride	ND			ND		ug/m3				NC	25
Bromodichloromethane	ND			ND		ug/m3				NC	25
Bromoethene(Vinyl Bromide)	ND			ND		ug/m3				NC	25
Bromoform	ND			ND		ug/m3				NC	25
Bromomethane	ND			ND		ug/m3				NC	25
Carbon disulfide	ND			ND		ug/m3				NC	25
Carbon tetrachloride	ND			ND		ug/m3				NC	25
Chlorobenzene	ND			ND		ug/m3				NC	25
Chlorodifluoromethane	8.5			8.38		ug/m3				1	25
Chloroethane	ND			ND		ug/m3				NC	25
Chloroform	ND			ND		ug/m3				NC	25
Chloromethane	2.2			2.75		ug/m3				23	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 480-240170-4 DU
Matrix: Air
Analysis Batch: 849380

Client Sample ID: RI-IA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
cis-1,2-Dichloroethene	ND			ND		ug/m3				NC	25
cis-1,3-Dichloropropene	ND			ND		ug/m3				NC	25
Cumene	ND			ND		ug/m3				NC	25
Cyclohexane	ND			ND		ug/m3				NC	25
Dibromochloromethane	ND			ND		ug/m3				NC	25
Dichlorodifluoromethane	2.7			2.76		ug/m3				1	25
Ethylbenzene	ND			ND		ug/m3				NC	25
Hexachlorobutadiene	ND			ND		ug/m3				NC	25
Isopropyl alcohol	4.7	J B		5.57		ug/m3				18	25
m,p-Xylene	ND			ND		ug/m3				NC	25
Methyl Butyl Ketone (2-Hexanone)	1.3	J		1.10	J	ug/m3				17	25
Methyl Ethyl Ketone (2-Butanone)	3.2			3.29		ug/m3				4	25
Methyl methacrylate	ND			ND		ug/m3				NC	25
Methyl tert-butyl ether	ND			ND		ug/m3				NC	25
Methylene Chloride	ND			ND		ug/m3				NC	25
Naphthalene	ND			ND		ug/m3				NC	25
n-Butane	ND			1.57		ug/m3				NC	25
n-Butylbenzene	ND			ND		ug/m3				NC	25
n-Heptane	ND			ND		ug/m3				NC	25
n-Hexane	ND			0.472	J	ug/m3				NC	25
N-Propylbenzene	ND			ND		ug/m3				NC	25
o-Xylene	ND			ND		ug/m3				NC	25
sec-Butylbenzene	ND			ND		ug/m3				NC	25
Styrene	2.8			2.75		ug/m3				2	25
tert-Butyl alcohol	1.0	J		1.36	J F5	ug/m3				30	25
tert-Butylbenzene	ND			ND		ug/m3				NC	25
Tetrachloroethene	ND			ND		ug/m3				NC	25
Tetrahydrofuran	ND			ND		ug/m3				NC	25
Toluene	1.1			1.11		ug/m3				5	25
trans-1,2-Dichloroethene	ND			ND		ug/m3				NC	25
trans-1,3-Dichloropropene	ND			ND		ug/m3				NC	25
Trichloroethene	ND			ND		ug/m3				NC	25
Trichlorofluoromethane	1.3			1.31		ug/m3				1	25
Vinyl chloride	ND			ND		ug/m3				NC	25

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1,1-Trichloroethane	ND			ND		ppb v/v				NC	25
1,1,2,2-Tetrachloroethane	ND			ND		ppb v/v				NC	25
1,1,2-Trichloroethane	ND			ND		ppb v/v				NC	25
1,1,2-Trichlorotrifluoroethane	ND			ND		ppb v/v				NC	25
1,1-Dichloroethane	ND			ND		ppb v/v				NC	25
1,1-Dichloroethene	ND			ND		ppb v/v				NC	25
1,2,4-Trichlorobenzene	ND			ND		ppb v/v				NC	25
1,2,4-Trimethylbenzene	ND			ND		ppb v/v				NC	25
1,2-Dibromoethane	ND			ND		ppb v/v				NC	25
1,2-Dichlorobenzene	ND			ND		ppb v/v				NC	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 480-240170-4 DU
Matrix: Air
Analysis Batch: 849380

Client Sample ID: RI-IA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2-Dichloroethane	ND			ND		ppb v/v				NC	25
1,2-Dichloropropane	ND			ND		ppb v/v				NC	25
1,2-Dichlorotetrafluoroethane	ND			0.255		ppb v/v				NC	25
1,3,5-Trimethylbenzene	ND			ND		ppb v/v				NC	25
1,3-Butadiene	ND			ND		ppb v/v				NC	25
1,3-Dichlorobenzene	ND			ND		ppb v/v				NC	25
1,4-Dichlorobenzene	ND			ND		ppb v/v				NC	25
1,4-Dioxane	ND			ND		ppb v/v				NC	25
2,2,4-Trimethylpentane	ND			ND		ppb v/v				NC	25
2-Chlorotoluene	ND			ND		ppb v/v				NC	25
3-Chloropropene	ND			ND		ppb v/v				NC	25
4-Ethyltoluene	ND			ND		ppb v/v				NC	25
4-Isopropyltoluene	0.20	J		0.198	J	ppb v/v				2	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND			ND		ppb v/v				NC	25
Acetone	12			12.3		ppb v/v				5	25
Benzene	0.15	J		0.154	J	ppb v/v				4	25
Benzyl chloride	ND			ND		ppb v/v				NC	25
Bromodichloromethane	ND			ND		ppb v/v				NC	25
Bromoethene(Vinyl Bromide)	ND			ND		ppb v/v				NC	25
Bromoform	ND			ND		ppb v/v				NC	25
Bromomethane	ND			ND		ppb v/v				NC	25
Carbon disulfide	ND			ND		ppb v/v				NC	25
Carbon tetrachloride	ND			ND		ppb v/v				NC	25
Chlorobenzene	ND			ND		ppb v/v				NC	25
Chlorodifluoromethane	2.4			2.37		ppb v/v				1	25
Chloroethane	ND			ND		ppb v/v				NC	25
Chloroform	ND			ND		ppb v/v				NC	25
Chloromethane	1.1			1.33		ppb v/v				23	25
cis-1,2-Dichloroethene	ND			ND		ppb v/v				NC	25
cis-1,3-Dichloropropene	ND			ND		ppb v/v				NC	25
Cumene	ND			ND		ppb v/v				NC	25
Cyclohexane	ND			ND		ppb v/v				NC	25
Dibromochloromethane	ND			ND		ppb v/v				NC	25
Dichlorodifluoromethane	0.55			0.558		ppb v/v				1	25
Ethylbenzene	ND			ND		ppb v/v				NC	25
Hexachlorobutadiene	ND			ND		ppb v/v				NC	25
Isopropyl alcohol	1.9	J B		2.26		ppb v/v				18	25
m,p-Xylene	ND			ND		ppb v/v				NC	25
Methyl Butyl Ketone (2-Hexanone)	0.32	J		0.267	J	ppb v/v				17	25
Methyl Ethyl Ketone (2-Butanone)	1.1			1.12		ppb v/v				4	25
Methyl methacrylate	ND			ND		ppb v/v				NC	25
Methyl tert-butyl ether	ND			ND		ppb v/v				NC	25
Methylene Chloride	ND			ND		ppb v/v				NC	25
Naphthalene	ND			ND		ppb v/v				NC	25
n-Butane	ND			0.659		ppb v/v				NC	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 480-240170-4 DU
Matrix: Air
Analysis Batch: 849380

Client Sample ID: RI-IA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
n-Butylbenzene	ND			ND		ppb v/v				NC	25
n-Heptane	ND			ND		ppb v/v				NC	25
n-Hexane	ND			0.134	J	ppb v/v				NC	25
N-Propylbenzene	ND			ND		ppb v/v				NC	25
o-Xylene	ND			ND		ppb v/v				NC	25
sec-Butylbenzene	ND			ND		ppb v/v				NC	25
Styrene	0.66			0.646		ppb v/v				2	25
tert-Butyl alcohol	0.33	J		0.448	J F5	ppb v/v				30	25
tert-Butylbenzene	ND			ND		ppb v/v				NC	25
Tetrachloroethene	ND			ND		ppb v/v				NC	25
Tetrahydrofuran	ND			ND		ppb v/v				NC	25
Toluene	0.28			0.294		ppb v/v				5	25
trans-1,2-Dichloroethene	ND			ND		ppb v/v				NC	25
trans-1,3-Dichloropropene	ND			ND		ppb v/v				NC	25
Trichloroethene	ND			ND		ppb v/v				NC	25
Trichlorofluoromethane	0.23			0.234		ppb v/v				1	25
Vinyl chloride	ND			ND		ppb v/v				NC	25

Lab Sample ID: MB 410-850324/7
Matrix: Air
Analysis Batch: 850324

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.65	ug/m3			07/13/26 11:15	1
1,1,2,2-Tetrachloroethane	ND		1.4	1.0	ug/m3			07/13/26 11:15	1
1,1,2-Trichloroethane	ND		1.1	0.65	ug/m3			07/13/26 11:15	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.84	ug/m3			07/13/26 11:15	1
1,1-Dichloroethane	ND		0.81	0.36	ug/m3			07/13/26 11:15	1
1,1-Dichloroethene	ND		0.20	0.10	ug/m3			07/13/26 11:15	1
1,2,4-Trichlorobenzene	ND		3.7	2.8	ug/m3			07/13/26 11:15	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			07/13/26 11:15	1
1,2-Dibromoethane	ND		1.5	1.0	ug/m3			07/13/26 11:15	1
1,2-Dichlorobenzene	ND		1.2	0.72	ug/m3			07/13/26 11:15	1
1,2-Dichloroethane	ND		0.81	0.32	ug/m3			07/13/26 11:15	1
1,2-Dichloropropane	ND		0.92	0.60	ug/m3			07/13/26 11:15	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.84	ug/m3			07/13/26 11:15	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			07/13/26 11:15	1
1,3-Butadiene	ND		0.44	0.38	ug/m3			07/13/26 11:15	1
1,3-Dichlorobenzene	ND		1.2	0.78	ug/m3			07/13/26 11:15	1
1,4-Dichlorobenzene	ND		1.2	1.0	ug/m3			07/13/26 11:15	1
1,4-Dioxane	ND		0.72	0.61	ug/m3			07/13/26 11:15	1
2,2,4-Trimethylpentane	ND		0.93	0.61	ug/m3			07/13/26 11:15	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			07/13/26 11:15	1
3-Chloropropene	ND		1.6	0.47	ug/m3			07/13/26 11:15	1
4-Ethyltoluene	ND		0.98	0.88	ug/m3			07/13/26 11:15	1
4-Isopropyltoluene	ND		2.7	1.0	ug/m3			07/13/26 11:15	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.61	ug/m3			07/13/26 11:15	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-850324/7
Matrix: Air
Analysis Batch: 850324

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.4	1.3	ug/m3			07/13/26 11:15	1
Benzene	ND		0.64	0.35	ug/m3			07/13/26 11:15	1
Benzyl chloride	ND		1.0	0.46	ug/m3			07/13/26 11:15	1
Bromodichloromethane	ND		1.3	0.80	ug/m3			07/13/26 11:15	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.79	ug/m3			07/13/26 11:15	1
Bromoform	ND		2.1	1.8	ug/m3			07/13/26 11:15	1
Bromomethane	ND		0.78	0.70	ug/m3			07/13/26 11:15	1
Carbon disulfide	ND		1.6	0.40	ug/m3			07/13/26 11:15	1
Carbon tetrachloride	ND		0.22	0.14	ug/m3			07/13/26 11:15	1
Chlorobenzene	ND		0.92	0.60	ug/m3			07/13/26 11:15	1
Chlorodifluoromethane	ND		0.71	0.53	ug/m3			07/13/26 11:15	1
Chloroethane	ND		1.3	0.50	ug/m3			07/13/26 11:15	1
Chloroform	ND		0.98	0.45	ug/m3			07/13/26 11:15	1
Chloromethane	ND		1.0	0.50	ug/m3			07/13/26 11:15	1
cis-1,2-Dichloroethene	ND		0.20	0.083	ug/m3			07/13/26 11:15	1
cis-1,3-Dichloropropene	ND		0.91	0.45	ug/m3			07/13/26 11:15	1
Cumene	ND		0.98	0.20	ug/m3			07/13/26 11:15	1
Cyclohexane	ND		0.69	0.38	ug/m3			07/13/26 11:15	1
Dibromochloromethane	ND		1.7	1.1	ug/m3			07/13/26 11:15	1
Dichlorodifluoromethane	ND		0.99	0.64	ug/m3			07/13/26 11:15	1
Ethylbenzene	ND		0.87	0.83	ug/m3			07/13/26 11:15	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			07/13/26 11:15	1
Isopropyl alcohol	ND		4.9	0.59	ug/m3			07/13/26 11:15	1
m,p-Xylene	ND		2.2	1.1	ug/m3			07/13/26 11:15	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.74	ug/m3			07/13/26 11:15	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.62	ug/m3			07/13/26 11:15	1
Methyl methacrylate	ND		0.82	0.61	ug/m3			07/13/26 11:15	1
Methyl tert-butyl ether	ND		0.72	0.54	ug/m3			07/13/26 11:15	1
Methylene Chloride	ND		1.7	0.87	ug/m3			07/13/26 11:15	1
Naphthalene	ND		2.0	1.6	ug/m3			07/13/26 11:15	1
n-Butane	ND		1.2	0.24	ug/m3			07/13/26 11:15	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			07/13/26 11:15	1
n-Heptane	ND		0.82	0.23	ug/m3			07/13/26 11:15	1
n-Hexane	ND		1.8	0.46	ug/m3			07/13/26 11:15	1
N-Propylbenzene	ND		0.98	0.23	ug/m3			07/13/26 11:15	1
o-Xylene	ND		0.87	0.23	ug/m3			07/13/26 11:15	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			07/13/26 11:15	1
Styrene	ND		0.85	0.51	ug/m3			07/13/26 11:15	1
tert-Butyl alcohol	ND		1.5	0.64	ug/m3			07/13/26 11:15	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			07/13/26 11:15	1
Tetrachloroethene	ND		1.4	0.26	ug/m3			07/13/26 11:15	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			07/13/26 11:15	1
Toluene	ND		0.75	0.45	ug/m3			07/13/26 11:15	1
trans-1,2-Dichloroethene	ND		0.79	0.48	ug/m3			07/13/26 11:15	1
trans-1,3-Dichloropropene	ND		0.91	0.54	ug/m3			07/13/26 11:15	1
Trichloroethene	ND		0.20	0.11	ug/m3			07/13/26 11:15	1
Trichlorofluoromethane	ND		1.1	0.85	ug/m3			07/13/26 11:15	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-850324/7
Matrix: Air
Analysis Batch: 850324

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.20	0.10	ug/m3			07/13/26 11:15	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.12	ppb v/v			07/13/26 11:15	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.15	ppb v/v			07/13/26 11:15	1
1,1,2-Trichloroethane	ND		0.20	0.12	ppb v/v			07/13/26 11:15	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.11	ppb v/v			07/13/26 11:15	1
1,1-Dichloroethane	ND		0.20	0.089	ppb v/v			07/13/26 11:15	1
1,1-Dichloroethene	ND		0.051	0.026	ppb v/v			07/13/26 11:15	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ppb v/v			07/13/26 11:15	1
1,2,4-Trimethylbenzene	ND		0.20	0.080	ppb v/v			07/13/26 11:15	1
1,2-Dibromoethane	ND		0.20	0.13	ppb v/v			07/13/26 11:15	1
1,2-Dichlorobenzene	ND		0.20	0.12	ppb v/v			07/13/26 11:15	1
1,2-Dichloroethane	ND		0.20	0.080	ppb v/v			07/13/26 11:15	1
1,2-Dichloropropane	ND		0.20	0.13	ppb v/v			07/13/26 11:15	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.12	ppb v/v			07/13/26 11:15	1
1,3,5-Trimethylbenzene	ND		0.20	0.047	ppb v/v			07/13/26 11:15	1
1,3-Butadiene	ND		0.20	0.17	ppb v/v			07/13/26 11:15	1
1,3-Dichlorobenzene	ND		0.20	0.13	ppb v/v			07/13/26 11:15	1
1,4-Dichlorobenzene	ND		0.20	0.17	ppb v/v			07/13/26 11:15	1
1,4-Dioxane	ND		0.20	0.17	ppb v/v			07/13/26 11:15	1
2,2,4-Trimethylpentane	ND		0.20	0.13	ppb v/v			07/13/26 11:15	1
2-Chlorotoluene	ND		0.20	0.046	ppb v/v			07/13/26 11:15	1
3-Chloropropene	ND		0.50	0.15	ppb v/v			07/13/26 11:15	1
4-Ethyltoluene	ND		0.20	0.18	ppb v/v			07/13/26 11:15	1
4-Isopropyltoluene	ND		0.50	0.19	ppb v/v			07/13/26 11:15	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.15	ppb v/v			07/13/26 11:15	1
Acetone	ND		1.0	0.53	ppb v/v			07/13/26 11:15	1
Benzene	ND		0.20	0.11	ppb v/v			07/13/26 11:15	1
Benzyl chloride	ND		0.20	0.088	ppb v/v			07/13/26 11:15	1
Bromodichloromethane	ND		0.20	0.12	ppb v/v			07/13/26 11:15	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.18	ppb v/v			07/13/26 11:15	1
Bromoform	ND		0.20	0.17	ppb v/v			07/13/26 11:15	1
Bromomethane	ND		0.20	0.18	ppb v/v			07/13/26 11:15	1
Carbon disulfide	ND		0.50	0.13	ppb v/v			07/13/26 11:15	1
Carbon tetrachloride	ND		0.035	0.022	ppb v/v			07/13/26 11:15	1
Chlorobenzene	ND		0.20	0.13	ppb v/v			07/13/26 11:15	1
Chlorodifluoromethane	ND		0.20	0.15	ppb v/v			07/13/26 11:15	1
Chloroethane	ND		0.50	0.19	ppb v/v			07/13/26 11:15	1
Chloroform	ND		0.20	0.092	ppb v/v			07/13/26 11:15	1
Chloromethane	ND		0.50	0.24	ppb v/v			07/13/26 11:15	1
cis-1,2-Dichloroethene	ND		0.051	0.021	ppb v/v			07/13/26 11:15	1
cis-1,3-Dichloropropene	ND		0.20	0.10	ppb v/v			07/13/26 11:15	1
Cumene	ND		0.20	0.041	ppb v/v			07/13/26 11:15	1
Cyclohexane	ND		0.20	0.11	ppb v/v			07/13/26 11:15	1
Dibromochloromethane	ND		0.20	0.13	ppb v/v			07/13/26 11:15	1
Dichlorodifluoromethane	ND		0.20	0.13	ppb v/v			07/13/26 11:15	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-850324/7
Matrix: Air
Analysis Batch: 850324

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.20	0.19	ppb v/v			07/13/26 11:15	1
Hexachlorobutadiene	ND		0.20	0.11	ppb v/v			07/13/26 11:15	1
Isopropyl alcohol	ND		2.0	0.24	ppb v/v			07/13/26 11:15	1
m,p-Xylene	ND		0.50	0.26	ppb v/v			07/13/26 11:15	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.18	ppb v/v			07/13/26 11:15	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.21	ppb v/v			07/13/26 11:15	1
Methyl methacrylate	ND		0.20	0.15	ppb v/v			07/13/26 11:15	1
Methyl tert-butyl ether	ND		0.20	0.15	ppb v/v			07/13/26 11:15	1
Methylene Chloride	ND		0.50	0.25	ppb v/v			07/13/26 11:15	1
Naphthalene	ND		0.38	0.30	ppb v/v			07/13/26 11:15	1
n-Butane	ND		0.50	0.10	ppb v/v			07/13/26 11:15	1
n-Butylbenzene	ND		0.20	0.11	ppb v/v			07/13/26 11:15	1
n-Heptane	ND		0.20	0.055	ppb v/v			07/13/26 11:15	1
n-Hexane	ND		0.50	0.13	ppb v/v			07/13/26 11:15	1
N-Propylbenzene	ND		0.20	0.047	ppb v/v			07/13/26 11:15	1
o-Xylene	ND		0.20	0.052	ppb v/v			07/13/26 11:15	1
sec-Butylbenzene	ND		0.20	0.045	ppb v/v			07/13/26 11:15	1
Styrene	ND		0.20	0.12	ppb v/v			07/13/26 11:15	1
tert-Butyl alcohol	ND		0.50	0.21	ppb v/v			07/13/26 11:15	1
tert-Butylbenzene	ND		0.20	0.047	ppb v/v			07/13/26 11:15	1
Tetrachloroethene	ND		0.20	0.038	ppb v/v			07/13/26 11:15	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			07/13/26 11:15	1
Toluene	ND		0.20	0.12	ppb v/v			07/13/26 11:15	1
trans-1,2-Dichloroethene	ND		0.20	0.12	ppb v/v			07/13/26 11:15	1
trans-1,3-Dichloropropene	ND		0.20	0.12	ppb v/v			07/13/26 11:15	1
Trichloroethene	ND		0.037	0.021	ppb v/v			07/13/26 11:15	1
Trichlorofluoromethane	ND		0.20	0.15	ppb v/v			07/13/26 11:15	1
Vinyl chloride	ND		0.078	0.040	ppb v/v			07/13/26 11:15	1

Lab Sample ID: LCS 410-850324/4
Matrix: Air
Analysis Batch: 850324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	48.0		ug/m3		88	70 - 130
1,1,2,2-Tetrachloroethane	68.7	62.4		ug/m3		91	61 - 130
1,1,2-Trichloroethane	54.6	54.0		ug/m3		99	70 - 130
1,1,2-Trichlorotrifluoroethane	76.6	79.3		ug/m3		103	70 - 130
1,1-Dichloroethane	40.5	41.0		ug/m3		101	70 - 130
1,1-Dichloroethene	39.6	46.0		ug/m3		116	70 - 131
1,2,4-Trichlorobenzene	74.2	70.4		ug/m3		95	52 - 143
1,2,4-Trimethylbenzene	49.2	42.2		ug/m3		86	65 - 146
1,2-Dibromoethane	76.8	70.1		ug/m3		91	70 - 130
1,2-Dichlorobenzene	60.1	54.3		ug/m3		90	61 - 139
1,2-Dichloroethane	40.5	36.2		ug/m3		90	70 - 131
1,2-Dichloropropane	46.2	43.8		ug/m3		95	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	70.4		ug/m3		101	70 - 130
1,3,5-Trimethylbenzene	49.2	40.4		ug/m3		82	69 - 141

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-850324/4
Matrix: Air
Analysis Batch: 850324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Butadiene	22.1	23.9		ug/m3		108	70 - 131
1,3-Dichlorobenzene	60.1	58.3		ug/m3		97	64 - 140
1,4-Dichlorobenzene	60.1	56.0		ug/m3		93	64 - 137
1,4-Dioxane	36.0	34.7		ug/m3		96	70 - 130
2,2,4-Trimethylpentane	46.7	46.4		ug/m3		99	70 - 130
2-Chlorotoluene	51.8	44.5		ug/m3		86	70 - 130
3-Chloropropene	31.3	31.8		ug/m3		102	70 - 137
4-Ethyltoluene	49.2	47.6		ug/m3		97	69 - 139
4-Isopropyltoluene	54.9	49.4		ug/m3		90	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	38.1		ug/m3		93	68 - 133
Acetone	23.8	24.1		ug/m3		101	70 - 137
Benzene	31.9	31.0		ug/m3		97	70 - 130
Benzyl chloride	51.8	52.7		ug/m3		102	57 - 142
Bromodichloromethane	67.0	56.6		ug/m3		84	70 - 130
Bromoethene(Vinyl Bromide)	43.7	41.5		ug/m3		95	70 - 130
Bromoform	103	109		ug/m3		105	60 - 139
Bromomethane	38.8	38.3		ug/m3		99	70 - 140
Carbon disulfide	31.1	29.1		ug/m3		93	70 - 130
Carbon tetrachloride	62.9	53.3		ug/m3		85	70 - 130
Chlorobenzene	46.0	40.2		ug/m3		87	70 - 130
Chlorodifluoromethane	35.4	36.0		ug/m3		102	70 - 132
Chloroethane	26.4	24.1		ug/m3		91	70 - 131
Chloroform	48.8	46.6		ug/m3		95	70 - 130
Chloromethane	20.7	19.2		ug/m3		93	64 - 138
cis-1,2-Dichloroethene	39.6	38.7		ug/m3		98	70 - 130
cis-1,3-Dichloropropene	45.4	41.8		ug/m3		92	70 - 130
Cumene	49.2	42.7		ug/m3		87	70 - 137
Cyclohexane	34.4	30.9		ug/m3		90	61 - 130
Dibromochloromethane	85.2	82.4		ug/m3		97	70 - 130
Dichlorodifluoromethane	49.5	44.3		ug/m3		90	70 - 131
Ethylbenzene	43.4	39.0		ug/m3		90	70 - 130
Hexachlorobutadiene	107	96.3		ug/m3		90	40 - 157
Isopropyl alcohol	24.6	23.0		ug/m3		94	62 - 135
m,p-Xylene	43.4	38.7		ug/m3		89	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41.0	41.4		ug/m3		101	57 - 141
Methyl Ethyl Ketone (2-Butanone)	29.5	29.3		ug/m3		99	70 - 130
Methyl methacrylate	40.9	37.6		ug/m3		92	70 - 130
Methyl tert-butyl ether	36.1	33.8		ug/m3		94	70 - 130
Methylene Chloride	34.7	37.9		ug/m3		109	70 - 130
Naphthalene	60.3	55.3		ug/m3		92	22 - 139
n-Butylbenzene	54.9	48.8		ug/m3		89	57 - 143
n-Heptane	41.0	38.6		ug/m3		94	70 - 130
n-Hexane	35.2	30.4		ug/m3		86	61 - 130
N-Propylbenzene	49.2	44.2		ug/m3		90	70 - 130
o-Xylene	43.4	35.1		ug/m3		81	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-850324/4
Matrix: Air
Analysis Batch: 850324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
sec-Butylbenzene	54.9	48.7		ug/m3		89	66 - 141
Styrene	42.6	37.2		ug/m3		87	70 - 133
tert-Butyl alcohol	33.6	30.6		ug/m3		91	50 - 130
tert-Butylbenzene	54.9	48.7		ug/m3		89	63 - 130
Tetrachloroethene	67.8	66.9		ug/m3		99	70 - 140
Tetrahydrofuran	29.5	29.4		ug/m3		100	54 - 143
Toluene	37.7	34.1		ug/m3		91	70 - 130
trans-1,2-Dichloroethene	39.6	37.9		ug/m3		96	70 - 130
trans-1,3-Dichloropropene	45.4	44.7		ug/m3		99	70 - 130
Trichloroethene	53.7	53.1		ug/m3		99	70 - 130
Trichlorofluoromethane	56.2	51.2		ug/m3		91	70 - 130
Vinyl chloride	25.6	27.3		ug/m3		107	70 - 135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	8.80		ppb v/v		88	70 - 130
1,1,2,2-Tetrachloroethane	10	9.10		ppb v/v		91	61 - 130
1,1,2-Trichloroethane	10	9.89		ppb v/v		99	70 - 130
1,1,2-Trichlorotrifluoroethane	10	10.3		ppb v/v		103	70 - 130
1,1-Dichloroethane	10	10.1		ppb v/v		101	70 - 130
1,1-Dichloroethene	10	11.6		ppb v/v		116	70 - 131
1,2,4-Trichlorobenzene	10	9.48		ppb v/v		95	52 - 143
1,2,4-Trimethylbenzene	10	8.58		ppb v/v		86	65 - 146
1,2-Dibromoethane	10	9.13		ppb v/v		91	70 - 130
1,2-Dichlorobenzene	10	9.02		ppb v/v		90	61 - 139
1,2-Dichloroethane	10	8.96		ppb v/v		90	70 - 131
1,2-Dichloropropane	10	9.48		ppb v/v		95	70 - 130
1,2-Dichlorotetrafluoroethane	10	10.1		ppb v/v		101	70 - 130
1,3,5-Trimethylbenzene	10	8.21		ppb v/v		82	69 - 141
1,3-Butadiene	10	10.8		ppb v/v		108	70 - 131
1,3-Dichlorobenzene	10	9.70		ppb v/v		97	64 - 140
1,4-Dichlorobenzene	10	9.31		ppb v/v		93	64 - 137
1,4-Dioxane	10	9.63		ppb v/v		96	70 - 130
2,2,4-Trimethylpentane	10	9.92		ppb v/v		99	70 - 130
2-Chlorotoluene	10	8.60		ppb v/v		86	70 - 130
3-Chloropropene	10	10.2		ppb v/v		102	70 - 137
4-Ethyltoluene	10	9.67		ppb v/v		97	69 - 139
4-Isopropyltoluene	10	9.01		ppb v/v		90	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	9.30		ppb v/v		93	68 - 133
Acetone	10	10.1		ppb v/v		101	70 - 137
Benzene	10	9.71		ppb v/v		97	70 - 130
Benzyl chloride	10	10.2		ppb v/v		102	57 - 142
Bromodichloromethane	10	8.45		ppb v/v		84	70 - 130
Bromoethene(Vinyl Bromide)	10	9.48		ppb v/v		95	70 - 130
Bromoform	10	10.5		ppb v/v		105	60 - 139
Bromomethane	10	9.86		ppb v/v		99	70 - 140
Carbon disulfide	10	9.35		ppb v/v		93	70 - 130
Carbon tetrachloride	10	8.48		ppb v/v		85	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-850324/4
Matrix: Air
Analysis Batch: 850324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	10	8.73		ppb v/v		87	70 - 130
Chlorodifluoromethane	10	10.2		ppb v/v		102	70 - 132
Chloroethane	10	9.14		ppb v/v		91	70 - 131
Chloroform	10	9.55		ppb v/v		95	70 - 130
Chloromethane	10	9.32		ppb v/v		93	64 - 138
cis-1,2-Dichloroethene	10	9.76		ppb v/v		98	70 - 130
cis-1,3-Dichloropropene	10	9.22		ppb v/v		92	70 - 130
Cumene	10	8.69		ppb v/v		87	70 - 137
Cyclohexane	10	8.98		ppb v/v		90	61 - 130
Dibromochloromethane	10	9.67		ppb v/v		97	70 - 130
Dichlorodifluoromethane	10	8.95		ppb v/v		90	70 - 131
Ethylbenzene	10	8.98		ppb v/v		90	70 - 130
Hexachlorobutadiene	10	9.03		ppb v/v		90	40 - 157
Isopropyl alcohol	10	9.37		ppb v/v		94	62 - 135
m,p-Xylene	10	8.91		ppb v/v		89	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10	10.1		ppb v/v		101	57 - 141
Methyl Ethyl Ketone (2-Butanone)	10	9.94		ppb v/v		99	70 - 130
Methyl methacrylate	10	9.17		ppb v/v		92	70 - 130
Methyl tert-butyl ether	10	9.37		ppb v/v		94	70 - 130
Methylene Chloride	10	10.9		ppb v/v		109	70 - 130
Naphthalene	12	10.6		ppb v/v		92	22 - 139
n-Butylbenzene	10	8.89		ppb v/v		89	57 - 143
n-Heptane	10	9.43		ppb v/v		94	70 - 130
n-Hexane	10	8.64		ppb v/v		86	61 - 130
N-Propylbenzene	10	9.00		ppb v/v		90	70 - 130
o-Xylene	10	8.08		ppb v/v		81	70 - 130
sec-Butylbenzene	10	8.87		ppb v/v		89	66 - 141
Styrene	10	8.73		ppb v/v		87	70 - 133
tert-Butyl alcohol	11	10.1		ppb v/v		91	50 - 130
tert-Butylbenzene	10	8.87		ppb v/v		89	63 - 130
Tetrachloroethene	10	9.86		ppb v/v		99	70 - 140
Tetrahydrofuran	10	9.95		ppb v/v		100	54 - 143
Toluene	10	9.05		ppb v/v		91	70 - 130
trans-1,2-Dichloroethene	10	9.56		ppb v/v		96	70 - 130
trans-1,3-Dichloropropene	10	9.85		ppb v/v		99	70 - 130
Trichloroethene	10	9.89		ppb v/v		99	70 - 130
Trichlorofluoromethane	10	9.11		ppb v/v		91	70 - 130
Vinyl chloride	10	10.7		ppb v/v		107	70 - 135

Lab Sample ID: MB 410-851042/7
Matrix: Air
Analysis Batch: 851042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.65	ug/m3			07/14/26 12:35	1
1,1,2,2-Tetrachloroethane	ND		1.4	1.0	ug/m3			07/14/26 12:35	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-851042/7
Matrix: Air
Analysis Batch: 851042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.1	0.65	ug/m3			07/14/26 12:35	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.84	ug/m3			07/14/26 12:35	1
1,1-Dichloroethane	ND		0.81	0.36	ug/m3			07/14/26 12:35	1
1,1-Dichloroethene	ND		0.20	0.10	ug/m3			07/14/26 12:35	1
1,2,4-Trichlorobenzene	ND		3.7	2.8	ug/m3			07/14/26 12:35	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			07/14/26 12:35	1
1,2-Dibromoethane	ND		1.5	1.0	ug/m3			07/14/26 12:35	1
1,2-Dichlorobenzene	ND		1.2	0.72	ug/m3			07/14/26 12:35	1
1,2-Dichloroethane	ND		0.81	0.32	ug/m3			07/14/26 12:35	1
1,2-Dichloropropane	ND		0.92	0.60	ug/m3			07/14/26 12:35	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.84	ug/m3			07/14/26 12:35	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			07/14/26 12:35	1
1,3-Butadiene	ND		0.44	0.38	ug/m3			07/14/26 12:35	1
1,3-Dichlorobenzene	ND		1.2	0.78	ug/m3			07/14/26 12:35	1
1,4-Dichlorobenzene	ND		1.2	1.0	ug/m3			07/14/26 12:35	1
1,4-Dioxane	ND		0.72	0.61	ug/m3			07/14/26 12:35	1
2,2,4-Trimethylpentane	ND		0.93	0.61	ug/m3			07/14/26 12:35	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			07/14/26 12:35	1
3-Chloropropene	ND		1.6	0.47	ug/m3			07/14/26 12:35	1
4-Ethyltoluene	ND		0.98	0.88	ug/m3			07/14/26 12:35	1
4-Isopropyltoluene	ND		2.7	1.0	ug/m3			07/14/26 12:35	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.61	ug/m3			07/14/26 12:35	1
Acetone	ND		2.4	1.3	ug/m3			07/14/26 12:35	1
Benzene	ND		0.64	0.35	ug/m3			07/14/26 12:35	1
Benzyl chloride	ND		1.0	0.46	ug/m3			07/14/26 12:35	1
Bromodichloromethane	ND		1.3	0.80	ug/m3			07/14/26 12:35	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.79	ug/m3			07/14/26 12:35	1
Bromoform	ND		2.1	1.8	ug/m3			07/14/26 12:35	1
Bromomethane	ND		0.78	0.70	ug/m3			07/14/26 12:35	1
Carbon disulfide	ND		1.6	0.40	ug/m3			07/14/26 12:35	1
Carbon tetrachloride	ND		0.22	0.14	ug/m3			07/14/26 12:35	1
Chlorobenzene	ND		0.92	0.60	ug/m3			07/14/26 12:35	1
Chlorodifluoromethane	ND		0.71	0.53	ug/m3			07/14/26 12:35	1
Chloroethane	ND		1.3	0.50	ug/m3			07/14/26 12:35	1
Chloroform	ND		0.98	0.45	ug/m3			07/14/26 12:35	1
Chloromethane	ND		1.0	0.50	ug/m3			07/14/26 12:35	1
cis-1,2-Dichloroethene	ND		0.20	0.083	ug/m3			07/14/26 12:35	1
cis-1,3-Dichloropropene	ND		0.91	0.45	ug/m3			07/14/26 12:35	1
Cumene	ND		0.98	0.20	ug/m3			07/14/26 12:35	1
Cyclohexane	ND		0.69	0.38	ug/m3			07/14/26 12:35	1
Dibromochloromethane	ND		1.7	1.1	ug/m3			07/14/26 12:35	1
Dichlorodifluoromethane	ND		0.99	0.64	ug/m3			07/14/26 12:35	1
Ethylbenzene	ND		0.87	0.83	ug/m3			07/14/26 12:35	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			07/14/26 12:35	1
Isopropyl alcohol	ND		4.9	0.59	ug/m3			07/14/26 12:35	1
m,p-Xylene	ND		2.2	1.1	ug/m3			07/14/26 12:35	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.74	ug/m3			07/14/26 12:35	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-851042/7
Matrix: Air
Analysis Batch: 851042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.62	ug/m3			07/14/26 12:35	1
Methyl methacrylate	ND		0.82	0.61	ug/m3			07/14/26 12:35	1
Methyl tert-butyl ether	ND		0.72	0.54	ug/m3			07/14/26 12:35	1
Methylene Chloride	ND		1.7	0.87	ug/m3			07/14/26 12:35	1
Naphthalene	ND		2.0	1.6	ug/m3			07/14/26 12:35	1
n-Butane	ND		1.2	0.24	ug/m3			07/14/26 12:35	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			07/14/26 12:35	1
n-Heptane	ND		0.82	0.23	ug/m3			07/14/26 12:35	1
n-Hexane	ND		1.8	0.46	ug/m3			07/14/26 12:35	1
N-Propylbenzene	ND		0.98	0.23	ug/m3			07/14/26 12:35	1
o-Xylene	ND		0.87	0.23	ug/m3			07/14/26 12:35	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			07/14/26 12:35	1
Styrene	ND		0.85	0.51	ug/m3			07/14/26 12:35	1
tert-Butyl alcohol	ND		1.5	0.64	ug/m3			07/14/26 12:35	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			07/14/26 12:35	1
Tetrachloroethene	ND		1.4	0.26	ug/m3			07/14/26 12:35	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			07/14/26 12:35	1
Toluene	ND		0.75	0.45	ug/m3			07/14/26 12:35	1
trans-1,2-Dichloroethene	ND		0.79	0.48	ug/m3			07/14/26 12:35	1
trans-1,3-Dichloropropene	ND		0.91	0.54	ug/m3			07/14/26 12:35	1
Trichloroethene	ND		0.20	0.11	ug/m3			07/14/26 12:35	1
Trichlorofluoromethane	ND		1.1	0.85	ug/m3			07/14/26 12:35	1
Vinyl chloride	ND		0.20	0.10	ug/m3			07/14/26 12:35	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.12	ppb v/v			07/14/26 12:35	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.15	ppb v/v			07/14/26 12:35	1
1,1,2-Trichloroethane	ND		0.20	0.12	ppb v/v			07/14/26 12:35	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.11	ppb v/v			07/14/26 12:35	1
1,1-Dichloroethane	ND		0.20	0.089	ppb v/v			07/14/26 12:35	1
1,1-Dichloroethene	ND		0.051	0.026	ppb v/v			07/14/26 12:35	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ppb v/v			07/14/26 12:35	1
1,2,4-Trimethylbenzene	ND		0.20	0.080	ppb v/v			07/14/26 12:35	1
1,2-Dibromoethane	ND		0.20	0.13	ppb v/v			07/14/26 12:35	1
1,2-Dichlorobenzene	ND		0.20	0.12	ppb v/v			07/14/26 12:35	1
1,2-Dichloroethane	ND		0.20	0.080	ppb v/v			07/14/26 12:35	1
1,2-Dichloropropane	ND		0.20	0.13	ppb v/v			07/14/26 12:35	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.12	ppb v/v			07/14/26 12:35	1
1,3,5-Trimethylbenzene	ND		0.20	0.047	ppb v/v			07/14/26 12:35	1
1,3-Butadiene	ND		0.20	0.17	ppb v/v			07/14/26 12:35	1
1,3-Dichlorobenzene	ND		0.20	0.13	ppb v/v			07/14/26 12:35	1
1,4-Dichlorobenzene	ND		0.20	0.17	ppb v/v			07/14/26 12:35	1
1,4-Dioxane	ND		0.20	0.17	ppb v/v			07/14/26 12:35	1
2,2,4-Trimethylpentane	ND		0.20	0.13	ppb v/v			07/14/26 12:35	1
2-Chlorotoluene	ND		0.20	0.046	ppb v/v			07/14/26 12:35	1
3-Chloropropene	ND		0.50	0.15	ppb v/v			07/14/26 12:35	1
4-Ethyltoluene	ND		0.20	0.18	ppb v/v			07/14/26 12:35	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-851042/7
Matrix: Air
Analysis Batch: 851042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		0.50	0.19	ppb v/v			07/14/26 12:35	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.15	ppb v/v			07/14/26 12:35	1
Acetone	ND		1.0	0.53	ppb v/v			07/14/26 12:35	1
Benzene	ND		0.20	0.11	ppb v/v			07/14/26 12:35	1
Benzyl chloride	ND		0.20	0.088	ppb v/v			07/14/26 12:35	1
Bromodichloromethane	ND		0.20	0.12	ppb v/v			07/14/26 12:35	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.18	ppb v/v			07/14/26 12:35	1
Bromoform	ND		0.20	0.17	ppb v/v			07/14/26 12:35	1
Bromomethane	ND		0.20	0.18	ppb v/v			07/14/26 12:35	1
Carbon disulfide	ND		0.50	0.13	ppb v/v			07/14/26 12:35	1
Carbon tetrachloride	ND		0.035	0.022	ppb v/v			07/14/26 12:35	1
Chlorobenzene	ND		0.20	0.13	ppb v/v			07/14/26 12:35	1
Chlorodifluoromethane	ND		0.20	0.15	ppb v/v			07/14/26 12:35	1
Chloroethane	ND		0.50	0.19	ppb v/v			07/14/26 12:35	1
Chloroform	ND		0.20	0.092	ppb v/v			07/14/26 12:35	1
Chloromethane	ND		0.50	0.24	ppb v/v			07/14/26 12:35	1
cis-1,2-Dichloroethene	ND		0.051	0.021	ppb v/v			07/14/26 12:35	1
cis-1,3-Dichloropropene	ND		0.20	0.10	ppb v/v			07/14/26 12:35	1
Cumene	ND		0.20	0.041	ppb v/v			07/14/26 12:35	1
Cyclohexane	ND		0.20	0.11	ppb v/v			07/14/26 12:35	1
Dibromochloromethane	ND		0.20	0.13	ppb v/v			07/14/26 12:35	1
Dichlorodifluoromethane	ND		0.20	0.13	ppb v/v			07/14/26 12:35	1
Ethylbenzene	ND		0.20	0.19	ppb v/v			07/14/26 12:35	1
Hexachlorobutadiene	ND		0.20	0.11	ppb v/v			07/14/26 12:35	1
Isopropyl alcohol	ND		2.0	0.24	ppb v/v			07/14/26 12:35	1
m,p-Xylene	ND		0.50	0.26	ppb v/v			07/14/26 12:35	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.18	ppb v/v			07/14/26 12:35	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.21	ppb v/v			07/14/26 12:35	1
Methyl methacrylate	ND		0.20	0.15	ppb v/v			07/14/26 12:35	1
Methyl tert-butyl ether	ND		0.20	0.15	ppb v/v			07/14/26 12:35	1
Methylene Chloride	ND		0.50	0.25	ppb v/v			07/14/26 12:35	1
Naphthalene	ND		0.38	0.30	ppb v/v			07/14/26 12:35	1
n-Butane	ND		0.50	0.10	ppb v/v			07/14/26 12:35	1
n-Butylbenzene	ND		0.20	0.11	ppb v/v			07/14/26 12:35	1
n-Heptane	ND		0.20	0.055	ppb v/v			07/14/26 12:35	1
n-Hexane	ND		0.50	0.13	ppb v/v			07/14/26 12:35	1
N-Propylbenzene	ND		0.20	0.047	ppb v/v			07/14/26 12:35	1
o-Xylene	ND		0.20	0.052	ppb v/v			07/14/26 12:35	1
sec-Butylbenzene	ND		0.20	0.045	ppb v/v			07/14/26 12:35	1
Styrene	ND		0.20	0.12	ppb v/v			07/14/26 12:35	1
tert-Butyl alcohol	ND		0.50	0.21	ppb v/v			07/14/26 12:35	1
tert-Butylbenzene	ND		0.20	0.047	ppb v/v			07/14/26 12:35	1
Tetrachloroethene	ND		0.20	0.038	ppb v/v			07/14/26 12:35	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			07/14/26 12:35	1
Toluene	ND		0.20	0.12	ppb v/v			07/14/26 12:35	1
trans-1,2-Dichloroethene	ND		0.20	0.12	ppb v/v			07/14/26 12:35	1
trans-1,3-Dichloropropene	ND		0.20	0.12	ppb v/v			07/14/26 12:35	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-851042/7
Matrix: Air
Analysis Batch: 851042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.037	0.021	ppb v/v			07/14/26 12:35	1
Trichlorofluoromethane	ND		0.20	0.15	ppb v/v			07/14/26 12:35	1
Vinyl chloride	ND		0.078	0.040	ppb v/v			07/14/26 12:35	1

Lab Sample ID: LCS 410-851042/4
Matrix: Air
Analysis Batch: 851042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	41.6		ug/m3		76	70 - 130
1,1,2,2-Tetrachloroethane	68.7	56.7		ug/m3		83	61 - 130
1,1,2-Trichloroethane	54.6	48.2		ug/m3		88	70 - 130
1,1,2-Trichlorotrifluoroethane	76.6	69.2		ug/m3		90	70 - 130
1,1-Dichloroethane	40.5	34.5		ug/m3		85	70 - 130
1,1-Dichloroethene	39.6	38.5		ug/m3		97	70 - 131
1,2,4-Trichlorobenzene	74.2	65.9		ug/m3		89	52 - 143
1,2,4-Trimethylbenzene	49.2	39.0		ug/m3		79	65 - 146
1,2-Dibromoethane	76.8	65.2		ug/m3		85	70 - 130
1,2-Dichlorobenzene	60.1	50.4		ug/m3		84	61 - 139
1,2-Dichloroethane	40.5	31.9		ug/m3		79	70 - 131
1,2-Dichloropropane	46.2	39.6		ug/m3		86	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	60.5		ug/m3		87	70 - 130
1,3,5-Trimethylbenzene	49.2	36.8		ug/m3		75	69 - 141
1,3-Butadiene	22.1	20.1		ug/m3		91	70 - 131
1,3-Dichlorobenzene	60.1	53.6		ug/m3		89	64 - 140
1,4-Dichlorobenzene	60.1	52.4		ug/m3		87	64 - 137
1,4-Dioxane	36.0	32.5		ug/m3		90	70 - 130
2,2,4-Trimethylpentane	46.7	42.4		ug/m3		91	70 - 130
2-Chlorotoluene	51.8	41.0		ug/m3		79	70 - 130
3-Chloropropene	31.3	28.6		ug/m3		91	70 - 137
4-Ethyltoluene	49.2	44.2		ug/m3		90	69 - 139
4-Isopropyltoluene	54.9	45.2		ug/m3		82	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	33.5		ug/m3		82	68 - 133
Acetone	23.8	20.6		ug/m3		87	70 - 137
Benzene	31.9	28.9		ug/m3		91	70 - 130
Benzyl chloride	51.8	49.6		ug/m3		96	57 - 142
Bromodichloromethane	67.0	51.8		ug/m3		77	70 - 130
Bromoethene(Vinyl Bromide)	43.7	36.7		ug/m3		84	70 - 130
Bromoform	103	103		ug/m3		99	60 - 139
Bromomethane	38.8	33.4		ug/m3		86	70 - 140
Carbon disulfide	31.1	25.1		ug/m3		80	70 - 130
Carbon tetrachloride	62.9	46.4		ug/m3		74	70 - 130
Chlorobenzene	46.0	37.9		ug/m3		82	70 - 130
Chlorodifluoromethane	35.4	30.2		ug/m3		85	70 - 132
Chloroethane	26.4	22.9		ug/m3		87	70 - 131
Chloroform	48.8	39.9		ug/m3		82	70 - 130
Chloromethane	20.7	16.2		ug/m3		78	64 - 138

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-851042/4
Matrix: Air
Analysis Batch: 851042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	39.6	33.0		ug/m3		83	70 - 130
cis-1,3-Dichloropropene	45.4	38.9		ug/m3		86	70 - 130
Cumene	49.2	39.5		ug/m3		80	70 - 137
Cyclohexane	34.4	27.3		ug/m3		79	61 - 130
Dibromochloromethane	85.2	74.8		ug/m3		88	70 - 130
Dichlorodifluoromethane	49.5	37.7		ug/m3		76	70 - 131
Ethylbenzene	43.4	35.7		ug/m3		82	70 - 130
Hexachlorobutadiene	107	91.7		ug/m3		86	40 - 157
Isopropyl alcohol	24.6	19.4		ug/m3		79	62 - 135
m,p-Xylene	43.4	35.5		ug/m3		82	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41.0	35.6		ug/m3		87	57 - 141
Methyl Ethyl Ketone (2-Butanone)	29.5	24.0		ug/m3		81	70 - 130
Methyl methacrylate	40.9	35.0		ug/m3		86	70 - 130
Methyl tert-butyl ether	36.1	29.0		ug/m3		81	70 - 130
Methylene Chloride	34.7	33.4		ug/m3		96	70 - 130
Naphthalene	60.3	52.5		ug/m3		87	22 - 139
n-Butylbenzene	54.9	44.2		ug/m3		80	57 - 143
n-Heptane	41.0	35.5		ug/m3		87	70 - 130
n-Hexane	35.2	26.7		ug/m3		76	61 - 130
N-Propylbenzene	49.2	41.4		ug/m3		84	70 - 130
o-Xylene	43.4	32.5		ug/m3		75	70 - 130
sec-Butylbenzene	54.9	44.6		ug/m3		81	66 - 141
Styrene	42.6	34.6		ug/m3		81	70 - 133
tert-Butyl alcohol	33.6	26.8		ug/m3		80	50 - 130
tert-Butylbenzene	54.9	44.0		ug/m3		80	63 - 130
Tetrachloroethene	67.8	63.0		ug/m3		93	70 - 140
Tetrahydrofuran	29.5	24.7		ug/m3		84	54 - 143
Toluene	37.7	31.3		ug/m3		83	70 - 130
trans-1,2-Dichloroethene	39.6	32.5		ug/m3		82	70 - 130
trans-1,3-Dichloropropene	45.4	41.4		ug/m3		91	70 - 130
Trichloroethene	53.7	49.5		ug/m3		92	70 - 130
Trichlorofluoromethane	56.2	44.4		ug/m3		79	70 - 130
Vinyl chloride	25.6	23.8		ug/m3		93	70 - 135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	7.63		ppb v/v		76	70 - 130
1,1,2,2-Tetrachloroethane	10	8.27		ppb v/v		83	61 - 130
1,1,2-Trichloroethane	10	8.83		ppb v/v		88	70 - 130
1,1,2-Trichlorotrifluoroethane	10	9.03		ppb v/v		90	70 - 130
1,1-Dichloroethane	10	8.52		ppb v/v		85	70 - 130
1,1-Dichloroethene	10	9.70		ppb v/v		97	70 - 131
1,2,4-Trichlorobenzene	10	8.87		ppb v/v		89	52 - 143
1,2,4-Trimethylbenzene	10	7.93		ppb v/v		79	65 - 146
1,2-Dibromoethane	10	8.49		ppb v/v		85	70 - 130
1,2-Dichlorobenzene	10	8.38		ppb v/v		84	61 - 139
1,2-Dichloroethane	10	7.89		ppb v/v		79	70 - 131

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-851042/4
Matrix: Air
Analysis Batch: 851042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	10	8.57		ppb v/v		86	70 - 130
1,2-Dichlorotetrafluoroethane	10	8.66		ppb v/v		87	70 - 130
1,3,5-Trimethylbenzene	10	7.49		ppb v/v		75	69 - 141
1,3-Butadiene	10	9.06		ppb v/v		91	70 - 131
1,3-Dichlorobenzene	10	8.91		ppb v/v		89	64 - 140
1,4-Dichlorobenzene	10	8.71		ppb v/v		87	64 - 137
1,4-Dioxane	10	9.01		ppb v/v		90	70 - 130
2,2,4-Trimethylpentane	10	9.08		ppb v/v		91	70 - 130
2-Chlorotoluene	10	7.92		ppb v/v		79	70 - 130
3-Chloropropene	10	9.14		ppb v/v		91	70 - 137
4-Ethyltoluene	10	8.99		ppb v/v		90	69 - 139
4-Isopropyltoluene	10	8.23		ppb v/v		82	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	8.19		ppb v/v		82	68 - 133
Acetone	10	8.66		ppb v/v		87	70 - 137
Benzene	10	9.06		ppb v/v		91	70 - 130
Benzyl chloride	10	9.58		ppb v/v		96	57 - 142
Bromodichloromethane	10	7.72		ppb v/v		77	70 - 130
Bromoethene(Vinyl Bromide)	10	8.39		ppb v/v		84	70 - 130
Bromoform	10	9.92		ppb v/v		99	60 - 139
Bromomethane	10	8.60		ppb v/v		86	70 - 140
Carbon disulfide	10	8.05		ppb v/v		80	70 - 130
Carbon tetrachloride	10	7.37		ppb v/v		74	70 - 130
Chlorobenzene	10	8.23		ppb v/v		82	70 - 130
Chlorodifluoromethane	10	8.53		ppb v/v		85	70 - 132
Chloroethane	10	8.68		ppb v/v		87	70 - 131
Chloroform	10	8.16		ppb v/v		82	70 - 130
Chloromethane	10	7.84		ppb v/v		78	64 - 138
cis-1,2-Dichloroethene	10	8.32		ppb v/v		83	70 - 130
cis-1,3-Dichloropropene	10	8.56		ppb v/v		86	70 - 130
Cumene	10	8.03		ppb v/v		80	70 - 137
Cyclohexane	10	7.93		ppb v/v		79	61 - 130
Dibromochloromethane	10	8.78		ppb v/v		88	70 - 130
Dichlorodifluoromethane	10	7.62		ppb v/v		76	70 - 131
Ethylbenzene	10	8.21		ppb v/v		82	70 - 130
Hexachlorobutadiene	10	8.59		ppb v/v		86	40 - 157
Isopropyl alcohol	10	7.88		ppb v/v		79	62 - 135
m,p-Xylene	10	8.17		ppb v/v		82	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10	8.69		ppb v/v		87	57 - 141
Methyl Ethyl Ketone (2-Butanone)	10	8.14		ppb v/v		81	70 - 130
Methyl methacrylate	10	8.55		ppb v/v		86	70 - 130
Methyl tert-butyl ether	10	8.05		ppb v/v		81	70 - 130
Methylene Chloride	10	9.60		ppb v/v		96	70 - 130
Naphthalene	12	10.0		ppb v/v		87	22 - 139
n-Butylbenzene	10	8.05		ppb v/v		80	57 - 143
n-Heptane	10	8.65		ppb v/v		87	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-851042/4
Matrix: Air
Analysis Batch: 851042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Hexane	10	7.58		ppb v/v		76	61 - 130
N-Propylbenzene	10	8.43		ppb v/v		84	70 - 130
o-Xylene	10	7.49		ppb v/v		75	70 - 130
sec-Butylbenzene	10	8.12		ppb v/v		81	66 - 141
Styrene	10	8.13		ppb v/v		81	70 - 133
tert-Butyl alcohol	11	8.86		ppb v/v		80	50 - 130
tert-Butylbenzene	10	8.02		ppb v/v		80	63 - 130
Tetrachloroethene	10	9.28		ppb v/v		93	70 - 140
Tetrahydrofuran	10	8.37		ppb v/v		84	54 - 143
Toluene	10	8.29		ppb v/v		83	70 - 130
trans-1,2-Dichloroethene	10	8.20		ppb v/v		82	70 - 130
trans-1,3-Dichloropropene	10	9.12		ppb v/v		91	70 - 130
Trichloroethene	10	9.21		ppb v/v		92	70 - 130
Trichlorofluoromethane	10	7.91		ppb v/v		79	70 - 130
Vinyl chloride	10	9.33		ppb v/v		93	70 - 135

Lab Sample ID: LCS 410-851042/5
Matrix: Air
Analysis Batch: 851042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	23.8	20.1		ug/m3		85	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	10	8.46		ppb v/v		85	70 - 130

Lab Sample ID: MB 410-851699/7
Matrix: Air
Analysis Batch: 851699

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.65	ug/m3			07/15/26 12:20	1
1,1,2,2-Tetrachloroethane	ND		1.4	1.0	ug/m3			07/15/26 12:20	1
1,1,2-Trichloroethane	ND		1.1	0.65	ug/m3			07/15/26 12:20	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.84	ug/m3			07/15/26 12:20	1
1,1-Dichloroethane	ND		0.81	0.36	ug/m3			07/15/26 12:20	1
1,1-Dichloroethene	ND		0.20	0.10	ug/m3			07/15/26 12:20	1
1,2,4-Trichlorobenzene	ND		3.7	2.8	ug/m3			07/15/26 12:20	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			07/15/26 12:20	1
1,2-Dibromoethane	ND		1.5	1.0	ug/m3			07/15/26 12:20	1
1,2-Dichlorobenzene	ND		1.2	0.72	ug/m3			07/15/26 12:20	1
1,2-Dichloroethane	ND		0.81	0.32	ug/m3			07/15/26 12:20	1
1,2-Dichloropropane	ND		0.92	0.60	ug/m3			07/15/26 12:20	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.84	ug/m3			07/15/26 12:20	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			07/15/26 12:20	1
1,3-Butadiene	ND		0.44	0.38	ug/m3			07/15/26 12:20	1
1,3-Dichlorobenzene	ND		1.2	0.78	ug/m3			07/15/26 12:20	1
1,4-Dichlorobenzene	ND		1.2	1.0	ug/m3			07/15/26 12:20	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-851699/7
Matrix: Air
Analysis Batch: 851699

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.72	0.61	ug/m3			07/15/26 12:20	1
2,2,4-Trimethylpentane	ND		0.93	0.61	ug/m3			07/15/26 12:20	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			07/15/26 12:20	1
3-Chloropropene	ND		1.6	0.47	ug/m3			07/15/26 12:20	1
4-Ethyltoluene	ND		0.98	0.88	ug/m3			07/15/26 12:20	1
4-Isopropyltoluene	ND		2.7	1.0	ug/m3			07/15/26 12:20	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.61	ug/m3			07/15/26 12:20	1
Acetone	ND		2.4	1.3	ug/m3			07/15/26 12:20	1
Benzene	ND		0.64	0.35	ug/m3			07/15/26 12:20	1
Benzyl chloride	ND		1.0	0.46	ug/m3			07/15/26 12:20	1
Bromodichloromethane	ND		1.3	0.80	ug/m3			07/15/26 12:20	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.79	ug/m3			07/15/26 12:20	1
Bromoform	ND		2.1	1.8	ug/m3			07/15/26 12:20	1
Bromomethane	ND		0.78	0.70	ug/m3			07/15/26 12:20	1
Carbon disulfide	ND		1.6	0.40	ug/m3			07/15/26 12:20	1
Carbon tetrachloride	ND		0.22	0.14	ug/m3			07/15/26 12:20	1
Chlorobenzene	ND		0.92	0.60	ug/m3			07/15/26 12:20	1
Chlorodifluoromethane	ND		0.71	0.53	ug/m3			07/15/26 12:20	1
Chloroethane	ND		1.3	0.50	ug/m3			07/15/26 12:20	1
Chloroform	ND		0.98	0.45	ug/m3			07/15/26 12:20	1
Chloromethane	ND		1.0	0.50	ug/m3			07/15/26 12:20	1
cis-1,2-Dichloroethene	ND		0.20	0.083	ug/m3			07/15/26 12:20	1
cis-1,3-Dichloropropene	ND		0.91	0.45	ug/m3			07/15/26 12:20	1
Cumene	ND		0.98	0.20	ug/m3			07/15/26 12:20	1
Cyclohexane	ND		0.69	0.38	ug/m3			07/15/26 12:20	1
Dibromochloromethane	ND		1.7	1.1	ug/m3			07/15/26 12:20	1
Dichlorodifluoromethane	ND		0.99	0.64	ug/m3			07/15/26 12:20	1
Ethylbenzene	ND		0.87	0.83	ug/m3			07/15/26 12:20	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			07/15/26 12:20	1
Isopropyl alcohol	ND		4.9	0.59	ug/m3			07/15/26 12:20	1
m,p-Xylene	ND		2.2	1.1	ug/m3			07/15/26 12:20	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.74	ug/m3			07/15/26 12:20	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.62	ug/m3			07/15/26 12:20	1
Methyl methacrylate	ND		0.82	0.61	ug/m3			07/15/26 12:20	1
Methyl tert-butyl ether	ND		0.72	0.54	ug/m3			07/15/26 12:20	1
Methylene Chloride	ND		1.7	0.87	ug/m3			07/15/26 12:20	1
Naphthalene	ND		2.0	1.6	ug/m3			07/15/26 12:20	1
n-Butane	ND		1.2	0.24	ug/m3			07/15/26 12:20	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			07/15/26 12:20	1
n-Heptane	ND		0.82	0.23	ug/m3			07/15/26 12:20	1
n-Hexane	ND		1.8	0.46	ug/m3			07/15/26 12:20	1
N-Propylbenzene	ND		0.98	0.23	ug/m3			07/15/26 12:20	1
o-Xylene	ND		0.87	0.23	ug/m3			07/15/26 12:20	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			07/15/26 12:20	1
Styrene	ND		0.85	0.51	ug/m3			07/15/26 12:20	1
tert-Butyl alcohol	ND		1.5	0.64	ug/m3			07/15/26 12:20	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			07/15/26 12:20	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-851699/7
Matrix: Air
Analysis Batch: 851699

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.4	0.26	ug/m3			07/15/26 12:20	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			07/15/26 12:20	1
Toluene	ND		0.75	0.45	ug/m3			07/15/26 12:20	1
trans-1,2-Dichloroethene	ND		0.79	0.48	ug/m3			07/15/26 12:20	1
trans-1,3-Dichloropropene	ND		0.91	0.54	ug/m3			07/15/26 12:20	1
Trichloroethene	ND		0.20	0.11	ug/m3			07/15/26 12:20	1
Trichlorofluoromethane	ND		1.1	0.85	ug/m3			07/15/26 12:20	1
Vinyl chloride	ND		0.20	0.10	ug/m3			07/15/26 12:20	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.12	ppb v/v			07/15/26 12:20	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.15	ppb v/v			07/15/26 12:20	1
1,1,2-Trichloroethane	ND		0.20	0.12	ppb v/v			07/15/26 12:20	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.11	ppb v/v			07/15/26 12:20	1
1,1-Dichloroethane	ND		0.20	0.089	ppb v/v			07/15/26 12:20	1
1,1-Dichloroethene	ND		0.051	0.026	ppb v/v			07/15/26 12:20	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ppb v/v			07/15/26 12:20	1
1,2,4-Trimethylbenzene	ND		0.20	0.080	ppb v/v			07/15/26 12:20	1
1,2-Dibromoethane	ND		0.20	0.13	ppb v/v			07/15/26 12:20	1
1,2-Dichlorobenzene	ND		0.20	0.12	ppb v/v			07/15/26 12:20	1
1,2-Dichloroethane	ND		0.20	0.080	ppb v/v			07/15/26 12:20	1
1,2-Dichloropropane	ND		0.20	0.13	ppb v/v			07/15/26 12:20	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.12	ppb v/v			07/15/26 12:20	1
1,3,5-Trimethylbenzene	ND		0.20	0.047	ppb v/v			07/15/26 12:20	1
1,3-Butadiene	ND		0.20	0.17	ppb v/v			07/15/26 12:20	1
1,3-Dichlorobenzene	ND		0.20	0.13	ppb v/v			07/15/26 12:20	1
1,4-Dichlorobenzene	ND		0.20	0.17	ppb v/v			07/15/26 12:20	1
1,4-Dioxane	ND		0.20	0.17	ppb v/v			07/15/26 12:20	1
2,2,4-Trimethylpentane	ND		0.20	0.13	ppb v/v			07/15/26 12:20	1
2-Chlorotoluene	ND		0.20	0.046	ppb v/v			07/15/26 12:20	1
3-Chloropropene	ND		0.50	0.15	ppb v/v			07/15/26 12:20	1
4-Ethyltoluene	ND		0.20	0.18	ppb v/v			07/15/26 12:20	1
4-Isopropyltoluene	ND		0.50	0.19	ppb v/v			07/15/26 12:20	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.15	ppb v/v			07/15/26 12:20	1
Acetone	ND		1.0	0.53	ppb v/v			07/15/26 12:20	1
Benzene	ND		0.20	0.11	ppb v/v			07/15/26 12:20	1
Benzyl chloride	ND		0.20	0.088	ppb v/v			07/15/26 12:20	1
Bromodichloromethane	ND		0.20	0.12	ppb v/v			07/15/26 12:20	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.18	ppb v/v			07/15/26 12:20	1
Bromoform	ND		0.20	0.17	ppb v/v			07/15/26 12:20	1
Bromomethane	ND		0.20	0.18	ppb v/v			07/15/26 12:20	1
Carbon disulfide	ND		0.50	0.13	ppb v/v			07/15/26 12:20	1
Carbon tetrachloride	ND		0.035	0.022	ppb v/v			07/15/26 12:20	1
Chlorobenzene	ND		0.20	0.13	ppb v/v			07/15/26 12:20	1
Chlorodifluoromethane	ND		0.20	0.15	ppb v/v			07/15/26 12:20	1
Chloroethane	ND		0.50	0.19	ppb v/v			07/15/26 12:20	1
Chloroform	ND		0.20	0.092	ppb v/v			07/15/26 12:20	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-851699/7
Matrix: Air
Analysis Batch: 851699

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		0.50	0.24	ppb v/v			07/15/26 12:20	1
cis-1,2-Dichloroethene	ND		0.051	0.021	ppb v/v			07/15/26 12:20	1
cis-1,3-Dichloropropene	ND		0.20	0.10	ppb v/v			07/15/26 12:20	1
Cumene	ND		0.20	0.041	ppb v/v			07/15/26 12:20	1
Cyclohexane	ND		0.20	0.11	ppb v/v			07/15/26 12:20	1
Dibromochloromethane	ND		0.20	0.13	ppb v/v			07/15/26 12:20	1
Dichlorodifluoromethane	ND		0.20	0.13	ppb v/v			07/15/26 12:20	1
Ethylbenzene	ND		0.20	0.19	ppb v/v			07/15/26 12:20	1
Hexachlorobutadiene	ND		0.20	0.11	ppb v/v			07/15/26 12:20	1
Isopropyl alcohol	ND		2.0	0.24	ppb v/v			07/15/26 12:20	1
m,p-Xylene	ND		0.50	0.26	ppb v/v			07/15/26 12:20	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.18	ppb v/v			07/15/26 12:20	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.21	ppb v/v			07/15/26 12:20	1
Methyl methacrylate	ND		0.20	0.15	ppb v/v			07/15/26 12:20	1
Methyl tert-butyl ether	ND		0.20	0.15	ppb v/v			07/15/26 12:20	1
Methylene Chloride	ND		0.50	0.25	ppb v/v			07/15/26 12:20	1
Naphthalene	ND		0.38	0.30	ppb v/v			07/15/26 12:20	1
n-Butane	ND		0.50	0.10	ppb v/v			07/15/26 12:20	1
n-Butylbenzene	ND		0.20	0.11	ppb v/v			07/15/26 12:20	1
n-Heptane	ND		0.20	0.055	ppb v/v			07/15/26 12:20	1
n-Hexane	ND		0.50	0.13	ppb v/v			07/15/26 12:20	1
N-Propylbenzene	ND		0.20	0.047	ppb v/v			07/15/26 12:20	1
o-Xylene	ND		0.20	0.052	ppb v/v			07/15/26 12:20	1
sec-Butylbenzene	ND		0.20	0.045	ppb v/v			07/15/26 12:20	1
Styrene	ND		0.20	0.12	ppb v/v			07/15/26 12:20	1
tert-Butyl alcohol	ND		0.50	0.21	ppb v/v			07/15/26 12:20	1
tert-Butylbenzene	ND		0.20	0.047	ppb v/v			07/15/26 12:20	1
Tetrachloroethene	ND		0.20	0.038	ppb v/v			07/15/26 12:20	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			07/15/26 12:20	1
Toluene	ND		0.20	0.12	ppb v/v			07/15/26 12:20	1
trans-1,2-Dichloroethene	ND		0.20	0.12	ppb v/v			07/15/26 12:20	1
trans-1,3-Dichloropropene	ND		0.20	0.12	ppb v/v			07/15/26 12:20	1
Trichloroethene	ND		0.037	0.021	ppb v/v			07/15/26 12:20	1
Trichlorofluoromethane	ND		0.20	0.15	ppb v/v			07/15/26 12:20	1
Vinyl chloride	ND		0.078	0.040	ppb v/v			07/15/26 12:20	1

Lab Sample ID: LCS 410-851699/4
Matrix: Air
Analysis Batch: 851699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	50.5		ug/m3		93	70 - 130
1,1,2,2-Tetrachloroethane	68.7	64.9		ug/m3		94	61 - 130
1,1,2-Trichloroethane	54.6	55.8		ug/m3		102	70 - 130
1,1,2-Trichlorotrifluoroethane	76.6	81.8		ug/m3		107	70 - 130
1,1-Dichloroethane	40.5	43.1		ug/m3		107	70 - 130
1,1-Dichloroethene	39.6	47.6		ug/m3		120	70 - 131
1,2,4-Trichlorobenzene	74.2	74.2		ug/m3		100	52 - 143

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-851699/4
Matrix: Air
Analysis Batch: 851699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trimethylbenzene	49.2	44.2		ug/m3		90	65 - 146
1,2-Dibromoethane	76.8	73.9		ug/m3		96	70 - 130
1,2-Dichlorobenzene	60.1	56.8		ug/m3		94	61 - 139
1,2-Dichloroethane	40.5	39.5		ug/m3		98	70 - 131
1,2-Dichloropropane	46.2	47.3		ug/m3		102	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	73.9		ug/m3		106	70 - 130
1,3,5-Trimethylbenzene	49.2	42.0		ug/m3		85	69 - 141
1,3-Butadiene	22.1	25.2		ug/m3		114	70 - 131
1,3-Dichlorobenzene	60.1	60.9		ug/m3		101	64 - 140
1,4-Dichlorobenzene	60.1	59.3		ug/m3		99	64 - 137
1,4-Dioxane	36.0	37.4		ug/m3		104	70 - 130
2,2,4-Trimethylpentane	46.7	49.3		ug/m3		105	70 - 130
2-Chlorotoluene	51.8	47.4		ug/m3		91	70 - 130
3-Chloropropene	31.3	35.2		ug/m3		113	70 - 137
4-Ethyltoluene	49.2	49.7		ug/m3		101	69 - 139
4-Isopropyltoluene	54.9	52.3		ug/m3		95	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	40.6		ug/m3		99	68 - 133
Acetone	23.8	25.7		ug/m3		108	70 - 137
Benzene	31.9	33.2		ug/m3		104	70 - 130
Benzyl chloride	51.8	56.6		ug/m3		109	57 - 142
Bromodichloromethane	67.0	61.3		ug/m3		91	70 - 130
Bromoethene(Vinyl Bromide)	43.7	42.7		ug/m3		98	70 - 130
Bromoform	103	116		ug/m3		112	60 - 139
Bromomethane	38.8	39.5		ug/m3		102	70 - 140
Carbon disulfide	31.1	30.3		ug/m3		97	70 - 130
Carbon tetrachloride	62.9	56.0		ug/m3		89	70 - 130
Chlorobenzene	46.0	43.0		ug/m3		93	70 - 130
Chlorodifluoromethane	35.4	37.7		ug/m3		107	70 - 132
Chloroethane	26.4	27.1		ug/m3		103	70 - 131
Chloroform	48.8	48.3		ug/m3		99	70 - 130
Chloromethane	20.7	19.2		ug/m3		93	64 - 138
cis-1,2-Dichloroethene	39.6	40.1		ug/m3		101	70 - 130
cis-1,3-Dichloropropene	45.4	45.0		ug/m3		99	70 - 130
Cumene	49.2	45.1		ug/m3		92	70 - 137
Cyclohexane	34.4	32.3		ug/m3		94	61 - 130
Dibromochloromethane	85.2	86.4		ug/m3		101	70 - 130
Dichlorodifluoromethane	49.5	46.1		ug/m3		93	70 - 131
Ethylbenzene	43.4	40.4		ug/m3		93	70 - 130
Hexachlorobutadiene	107	103		ug/m3		97	40 - 157
Isopropyl alcohol	24.6	24.1		ug/m3		98	62 - 135
m,p-Xylene	43.4	40.9		ug/m3		94	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41.0	42.6		ug/m3		104	57 - 141
Methyl Ethyl Ketone (2-Butanone)	29.5	30.1		ug/m3		102	70 - 130
Methyl methacrylate	40.9	40.8		ug/m3		100	70 - 130
Methyl tert-butyl ether	36.1	35.4		ug/m3		98	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-851699/4
Matrix: Air
Analysis Batch: 851699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	34.7	39.2		ug/m3		113	70 - 130
Naphthalene	60.3	58.9		ug/m3		98	22 - 139
n-Butylbenzene	54.9	50.9		ug/m3		93	57 - 143
n-Heptane	41.0	41.6		ug/m3		101	70 - 130
n-Hexane	35.2	31.7		ug/m3		90	61 - 130
N-Propylbenzene	49.2	46.9		ug/m3		95	70 - 130
o-Xylene	43.4	37.5		ug/m3		86	70 - 130
sec-Butylbenzene	54.9	51.2		ug/m3		93	66 - 141
Styrene	42.6	39.1		ug/m3		92	70 - 133
tert-Butyl alcohol	33.6	32.6		ug/m3		97	50 - 130
tert-Butylbenzene	54.9	51.2		ug/m3		93	63 - 130
Tetrachloroethene	67.8	71.2		ug/m3		105	70 - 140
Tetrahydrofuran	29.5	30.0		ug/m3		102	54 - 143
Toluene	37.7	35.5		ug/m3		94	70 - 130
trans-1,2-Dichloroethene	39.6	40.1		ug/m3		101	70 - 130
trans-1,3-Dichloropropene	45.4	48.3		ug/m3		106	70 - 130
Trichloroethene	53.7	57.3		ug/m3		107	70 - 130
Trichlorofluoromethane	56.2	53.7		ug/m3		96	70 - 130
Vinyl chloride	25.6	28.8		ug/m3		113	70 - 135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	9.25		ppb v/v		93	70 - 130
1,1,2,2-Tetrachloroethane	10	9.45		ppb v/v		94	61 - 130
1,1,2-Trichloroethane	10	10.2		ppb v/v		102	70 - 130
1,1,2-Trichlorotrifluoroethane	10	10.7		ppb v/v		107	70 - 130
1,1-Dichloroethane	10	10.7		ppb v/v		107	70 - 130
1,1-Dichloroethene	10	12.0		ppb v/v		120	70 - 131
1,2,4-Trichlorobenzene	10	9.99		ppb v/v		100	52 - 143
1,2,4-Trimethylbenzene	10	8.99		ppb v/v		90	65 - 146
1,2-Dibromoethane	10	9.62		ppb v/v		96	70 - 130
1,2-Dichlorobenzene	10	9.44		ppb v/v		94	61 - 139
1,2-Dichloroethane	10	9.76		ppb v/v		98	70 - 131
1,2-Dichloropropane	10	10.2		ppb v/v		102	70 - 130
1,2-Dichlorotetrafluoroethane	10	10.6		ppb v/v		106	70 - 130
1,3,5-Trimethylbenzene	10	8.55		ppb v/v		85	69 - 141
1,3-Butadiene	10	11.4		ppb v/v		114	70 - 131
1,3-Dichlorobenzene	10	10.1		ppb v/v		101	64 - 140
1,4-Dichlorobenzene	10	9.86		ppb v/v		99	64 - 137
1,4-Dioxane	10	10.4		ppb v/v		104	70 - 130
2,2,4-Trimethylpentane	10	10.5		ppb v/v		105	70 - 130
2-Chlorotoluene	10	9.15		ppb v/v		91	70 - 130
3-Chloropropene	10	11.3		ppb v/v		113	70 - 137
4-Ethyltoluene	10	10.1		ppb v/v		101	69 - 139
4-Isopropyltoluene	10	9.52		ppb v/v		95	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	9.92		ppb v/v		99	68 - 133
Acetone	10	10.8		ppb v/v		108	70 - 137
Benzene	10	10.4		ppb v/v		104	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-851699/4
Matrix: Air
Analysis Batch: 851699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzyl chloride	10	10.9		ppb v/v		109	57 - 142
Bromodichloromethane	10	9.15		ppb v/v		91	70 - 130
Bromoethene(Vinyl Bromide)	10	9.77		ppb v/v		98	70 - 130
Bromoform	10	11.2		ppb v/v		112	60 - 139
Bromomethane	10	10.2		ppb v/v		102	70 - 140
Carbon disulfide	10	9.73		ppb v/v		97	70 - 130
Carbon tetrachloride	10	8.90		ppb v/v		89	70 - 130
Chlorobenzene	10	9.34		ppb v/v		93	70 - 130
Chlorodifluoromethane	10	10.7		ppb v/v		107	70 - 132
Chloroethane	10	10.3		ppb v/v		103	70 - 131
Chloroform	10	9.89		ppb v/v		99	70 - 130
Chloromethane	10	9.31		ppb v/v		93	64 - 138
cis-1,2-Dichloroethene	10	10.1		ppb v/v		101	70 - 130
cis-1,3-Dichloropropene	10	9.92		ppb v/v		99	70 - 130
Cumene	10	9.18		ppb v/v		92	70 - 137
Cyclohexane	10	9.38		ppb v/v		94	61 - 130
Dibromochloromethane	10	10.1		ppb v/v		101	70 - 130
Dichlorodifluoromethane	10	9.32		ppb v/v		93	70 - 131
Ethylbenzene	10	9.31		ppb v/v		93	70 - 130
Hexachlorobutadiene	10	9.70		ppb v/v		97	40 - 157
Isopropyl alcohol	10	9.81		ppb v/v		98	62 - 135
m,p-Xylene	10	9.42		ppb v/v		94	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10	10.4		ppb v/v		104	57 - 141
Methyl Ethyl Ketone (2-Butanone)	10	10.2		ppb v/v		102	70 - 130
Methyl methacrylate	10	9.97		ppb v/v		100	70 - 130
Methyl tert-butyl ether	10	9.82		ppb v/v		98	70 - 130
Methylene Chloride	10	11.3		ppb v/v		113	70 - 130
Naphthalene	12	11.2		ppb v/v		98	22 - 139
n-Butylbenzene	10	9.27		ppb v/v		93	57 - 143
n-Heptane	10	10.1		ppb v/v		101	70 - 130
n-Hexane	10	9.00		ppb v/v		90	61 - 130
N-Propylbenzene	10	9.55		ppb v/v		95	70 - 130
o-Xylene	10	8.63		ppb v/v		86	70 - 130
sec-Butylbenzene	10	9.33		ppb v/v		93	66 - 141
Styrene	10	9.17		ppb v/v		92	70 - 133
tert-Butyl alcohol	11	10.8		ppb v/v		97	50 - 130
tert-Butylbenzene	10	9.33		ppb v/v		93	63 - 130
Tetrachloroethene	10	10.5		ppb v/v		105	70 - 140
Tetrahydrofuran	10	10.2		ppb v/v		102	54 - 143
Toluene	10	9.41		ppb v/v		94	70 - 130
trans-1,2-Dichloroethene	10	10.1		ppb v/v		101	70 - 130
trans-1,3-Dichloropropene	10	10.6		ppb v/v		106	70 - 130
Trichloroethene	10	10.7		ppb v/v		107	70 - 130
Trichlorofluoromethane	10	9.57		ppb v/v		96	70 - 130
Vinyl chloride	10	11.3		ppb v/v		113	70 - 135

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-851699/5
Matrix: Air
Analysis Batch: 851699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
n-Butane			23.8	25.9		ug/m3		109	70 - 130		

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
n-Butane			10	10.9		ppb v/v		109	70 - 130		

Lab Sample ID: MB 410-852467/9
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.65	ug/m3			07/16/26 11:46	1
1,1,2,2-Tetrachloroethane	ND		1.4	1.0	ug/m3			07/16/26 11:46	1
1,1,2-Trichloroethane	ND		1.1	0.65	ug/m3			07/16/26 11:46	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.84	ug/m3			07/16/26 11:46	1
1,1-Dichloroethane	ND		0.81	0.36	ug/m3			07/16/26 11:46	1
1,1-Dichloroethene	ND		0.20	0.10	ug/m3			07/16/26 11:46	1
1,2,4-Trichlorobenzene	ND		3.7	2.8	ug/m3			07/16/26 11:46	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			07/16/26 11:46	1
1,2-Dibromoethane	ND		1.5	1.0	ug/m3			07/16/26 11:46	1
1,2-Dichlorobenzene	ND		1.2	0.72	ug/m3			07/16/26 11:46	1
1,2-Dichloroethane	ND		0.81	0.32	ug/m3			07/16/26 11:46	1
1,2-Dichloropropane	ND		0.92	0.60	ug/m3			07/16/26 11:46	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.84	ug/m3			07/16/26 11:46	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			07/16/26 11:46	1
1,3-Butadiene	ND		0.44	0.38	ug/m3			07/16/26 11:46	1
1,3-Dichlorobenzene	ND		1.2	0.78	ug/m3			07/16/26 11:46	1
1,4-Dichlorobenzene	ND		1.2	1.0	ug/m3			07/16/26 11:46	1
1,4-Dioxane	ND		0.72	0.61	ug/m3			07/16/26 11:46	1
2,2,4-Trimethylpentane	ND		0.93	0.61	ug/m3			07/16/26 11:46	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			07/16/26 11:46	1
3-Chloropropene	ND		1.6	0.47	ug/m3			07/16/26 11:46	1
4-Ethyltoluene	ND		0.98	0.88	ug/m3			07/16/26 11:46	1
4-Isopropyltoluene	ND		2.7	1.0	ug/m3			07/16/26 11:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.61	ug/m3			07/16/26 11:46	1
Acetone	ND		2.4	1.3	ug/m3			07/16/26 11:46	1
Benzene	ND		0.64	0.35	ug/m3			07/16/26 11:46	1
Benzyl chloride	ND		1.0	0.46	ug/m3			07/16/26 11:46	1
Bromodichloromethane	ND		1.3	0.80	ug/m3			07/16/26 11:46	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.79	ug/m3			07/16/26 11:46	1
Bromoform	ND		2.1	1.8	ug/m3			07/16/26 11:46	1
Bromomethane	ND		0.78	0.70	ug/m3			07/16/26 11:46	1
Carbon disulfide	ND		1.6	0.40	ug/m3			07/16/26 11:46	1
Carbon tetrachloride	ND		0.22	0.14	ug/m3			07/16/26 11:46	1
Chlorobenzene	ND		0.92	0.60	ug/m3			07/16/26 11:46	1
Chlorodifluoromethane	ND		0.71	0.53	ug/m3			07/16/26 11:46	1
Chloroethane	ND		1.3	0.50	ug/m3			07/16/26 11:46	1
Chloroform	ND		0.98	0.45	ug/m3			07/16/26 11:46	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-852467/9
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.50	ug/m3			07/16/26 11:46	1
cis-1,2-Dichloroethene	ND		0.20	0.083	ug/m3			07/16/26 11:46	1
cis-1,3-Dichloropropene	ND		0.91	0.45	ug/m3			07/16/26 11:46	1
Cumene	ND		0.98	0.20	ug/m3			07/16/26 11:46	1
Cyclohexane	ND		0.69	0.38	ug/m3			07/16/26 11:46	1
Dibromochloromethane	ND		1.7	1.1	ug/m3			07/16/26 11:46	1
Dichlorodifluoromethane	ND		0.99	0.64	ug/m3			07/16/26 11:46	1
Ethylbenzene	ND		0.87	0.83	ug/m3			07/16/26 11:46	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			07/16/26 11:46	1
Isopropyl alcohol	ND		4.9	0.59	ug/m3			07/16/26 11:46	1
m,p-Xylene	ND		2.2	1.1	ug/m3			07/16/26 11:46	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.74	ug/m3			07/16/26 11:46	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.62	ug/m3			07/16/26 11:46	1
Methyl methacrylate	ND		0.82	0.61	ug/m3			07/16/26 11:46	1
Methyl tert-butyl ether	ND		0.72	0.54	ug/m3			07/16/26 11:46	1
Methylene Chloride	ND		1.7	0.87	ug/m3			07/16/26 11:46	1
Naphthalene	ND		2.0	1.6	ug/m3			07/16/26 11:46	1
n-Butane	ND		1.2	0.24	ug/m3			07/16/26 11:46	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			07/16/26 11:46	1
n-Heptane	ND		0.82	0.23	ug/m3			07/16/26 11:46	1
n-Hexane	ND		1.8	0.46	ug/m3			07/16/26 11:46	1
N-Propylbenzene	ND		0.98	0.23	ug/m3			07/16/26 11:46	1
o-Xylene	ND		0.87	0.23	ug/m3			07/16/26 11:46	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			07/16/26 11:46	1
Styrene	ND		0.85	0.51	ug/m3			07/16/26 11:46	1
tert-Butyl alcohol	ND		1.5	0.64	ug/m3			07/16/26 11:46	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			07/16/26 11:46	1
Tetrachloroethene	ND		1.4	0.26	ug/m3			07/16/26 11:46	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			07/16/26 11:46	1
Toluene	ND		0.75	0.45	ug/m3			07/16/26 11:46	1
trans-1,2-Dichloroethene	ND		0.79	0.48	ug/m3			07/16/26 11:46	1
trans-1,3-Dichloropropene	ND		0.91	0.54	ug/m3			07/16/26 11:46	1
Trichloroethene	ND		0.20	0.11	ug/m3			07/16/26 11:46	1
Trichlorofluoromethane	ND		1.1	0.85	ug/m3			07/16/26 11:46	1
Vinyl chloride	ND		0.20	0.10	ug/m3			07/16/26 11:46	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.12	ppb v/v			07/16/26 11:46	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.15	ppb v/v			07/16/26 11:46	1
1,1,2-Trichloroethane	ND		0.20	0.12	ppb v/v			07/16/26 11:46	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.11	ppb v/v			07/16/26 11:46	1
1,1-Dichloroethane	ND		0.20	0.089	ppb v/v			07/16/26 11:46	1
1,1-Dichloroethene	ND		0.051	0.026	ppb v/v			07/16/26 11:46	1
1,2,4-Trichlorobenzene	ND		0.50	0.38	ppb v/v			07/16/26 11:46	1
1,2,4-Trimethylbenzene	ND		0.20	0.080	ppb v/v			07/16/26 11:46	1
1,2-Dibromoethane	ND		0.20	0.13	ppb v/v			07/16/26 11:46	1
1,2-Dichlorobenzene	ND		0.20	0.12	ppb v/v			07/16/26 11:46	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-852467/9
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.20	0.080	ppb v/v			07/16/26 11:46	1
1,2-Dichloropropane	ND		0.20	0.13	ppb v/v			07/16/26 11:46	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.12	ppb v/v			07/16/26 11:46	1
1,3,5-Trimethylbenzene	ND		0.20	0.047	ppb v/v			07/16/26 11:46	1
1,3-Butadiene	ND		0.20	0.17	ppb v/v			07/16/26 11:46	1
1,3-Dichlorobenzene	ND		0.20	0.13	ppb v/v			07/16/26 11:46	1
1,4-Dichlorobenzene	ND		0.20	0.17	ppb v/v			07/16/26 11:46	1
1,4-Dioxane	ND		0.20	0.17	ppb v/v			07/16/26 11:46	1
2,2,4-Trimethylpentane	ND		0.20	0.13	ppb v/v			07/16/26 11:46	1
2-Chlorotoluene	ND		0.20	0.046	ppb v/v			07/16/26 11:46	1
3-Chloropropene	ND		0.50	0.15	ppb v/v			07/16/26 11:46	1
4-Ethyltoluene	ND		0.20	0.18	ppb v/v			07/16/26 11:46	1
4-Isopropyltoluene	ND		0.50	0.19	ppb v/v			07/16/26 11:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.15	ppb v/v			07/16/26 11:46	1
Acetone	ND		1.0	0.53	ppb v/v			07/16/26 11:46	1
Benzene	ND		0.20	0.11	ppb v/v			07/16/26 11:46	1
Benzyl chloride	ND		0.20	0.088	ppb v/v			07/16/26 11:46	1
Bromodichloromethane	ND		0.20	0.12	ppb v/v			07/16/26 11:46	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.18	ppb v/v			07/16/26 11:46	1
Bromoform	ND		0.20	0.17	ppb v/v			07/16/26 11:46	1
Bromomethane	ND		0.20	0.18	ppb v/v			07/16/26 11:46	1
Carbon disulfide	ND		0.50	0.13	ppb v/v			07/16/26 11:46	1
Carbon tetrachloride	ND		0.035	0.022	ppb v/v			07/16/26 11:46	1
Chlorobenzene	ND		0.20	0.13	ppb v/v			07/16/26 11:46	1
Chlorodifluoromethane	ND		0.20	0.15	ppb v/v			07/16/26 11:46	1
Chloroethane	ND		0.50	0.19	ppb v/v			07/16/26 11:46	1
Chloroform	ND		0.20	0.092	ppb v/v			07/16/26 11:46	1
Chloromethane	ND		0.50	0.24	ppb v/v			07/16/26 11:46	1
cis-1,2-Dichloroethene	ND		0.051	0.021	ppb v/v			07/16/26 11:46	1
cis-1,3-Dichloropropene	ND		0.20	0.10	ppb v/v			07/16/26 11:46	1
Cumene	ND		0.20	0.041	ppb v/v			07/16/26 11:46	1
Cyclohexane	ND		0.20	0.11	ppb v/v			07/16/26 11:46	1
Dibromochloromethane	ND		0.20	0.13	ppb v/v			07/16/26 11:46	1
Dichlorodifluoromethane	ND		0.20	0.13	ppb v/v			07/16/26 11:46	1
Ethylbenzene	ND		0.20	0.19	ppb v/v			07/16/26 11:46	1
Hexachlorobutadiene	ND		0.20	0.11	ppb v/v			07/16/26 11:46	1
Isopropyl alcohol	ND		2.0	0.24	ppb v/v			07/16/26 11:46	1
m,p-Xylene	ND		0.50	0.26	ppb v/v			07/16/26 11:46	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.18	ppb v/v			07/16/26 11:46	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.21	ppb v/v			07/16/26 11:46	1
Methyl methacrylate	ND		0.20	0.15	ppb v/v			07/16/26 11:46	1
Methyl tert-butyl ether	ND		0.20	0.15	ppb v/v			07/16/26 11:46	1
Methylene Chloride	ND		0.50	0.25	ppb v/v			07/16/26 11:46	1
Naphthalene	ND		0.38	0.30	ppb v/v			07/16/26 11:46	1
n-Butane	ND		0.50	0.10	ppb v/v			07/16/26 11:46	1
n-Butylbenzene	ND		0.20	0.11	ppb v/v			07/16/26 11:46	1
n-Heptane	ND		0.20	0.055	ppb v/v			07/16/26 11:46	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-852467/9
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	ND		0.50	0.13	ppb v/v			07/16/26 11:46	1
N-Propylbenzene	ND		0.20	0.047	ppb v/v			07/16/26 11:46	1
o-Xylene	ND		0.20	0.052	ppb v/v			07/16/26 11:46	1
sec-Butylbenzene	ND		0.20	0.045	ppb v/v			07/16/26 11:46	1
Styrene	ND		0.20	0.12	ppb v/v			07/16/26 11:46	1
tert-Butyl alcohol	ND		0.50	0.21	ppb v/v			07/16/26 11:46	1
tert-Butylbenzene	ND		0.20	0.047	ppb v/v			07/16/26 11:46	1
Tetrachloroethene	ND		0.20	0.038	ppb v/v			07/16/26 11:46	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			07/16/26 11:46	1
Toluene	ND		0.20	0.12	ppb v/v			07/16/26 11:46	1
trans-1,2-Dichloroethene	ND		0.20	0.12	ppb v/v			07/16/26 11:46	1
trans-1,3-Dichloropropene	ND		0.20	0.12	ppb v/v			07/16/26 11:46	1
Trichloroethene	ND		0.037	0.021	ppb v/v			07/16/26 11:46	1
Trichlorofluoromethane	ND		0.20	0.15	ppb v/v			07/16/26 11:46	1
Vinyl chloride	ND		0.078	0.040	ppb v/v			07/16/26 11:46	1

Lab Sample ID: LCS 410-852467/4
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	48.1		ug/m3		88	70 - 130
1,1,2,2-Tetrachloroethane	68.7	62.3		ug/m3		91	61 - 130
1,1,2-Trichloroethane	54.6	52.5		ug/m3		96	70 - 130
1,1,2-Trichlorotrifluoroethane	76.6	78.0		ug/m3		102	70 - 130
1,1-Dichloroethane	40.5	40.0		ug/m3		99	70 - 130
1,1-Dichloroethene	39.6	43.9		ug/m3		111	70 - 131
1,2,4-Trichlorobenzene	74.2	72.9		ug/m3		98	52 - 143
1,2,4-Trimethylbenzene	49.2	42.6		ug/m3		87	65 - 146
1,2-Dibromoethane	76.8	71.7		ug/m3		93	70 - 130
1,2-Dichlorobenzene	60.1	54.9		ug/m3		91	61 - 139
1,2-Dichloroethane	40.5	35.5		ug/m3		88	70 - 131
1,2-Dichloropropane	46.2	43.5		ug/m3		94	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	68.6		ug/m3		98	70 - 130
1,3,5-Trimethylbenzene	49.2	40.7		ug/m3		83	69 - 141
1,3-Butadiene	22.1	23.1		ug/m3		105	70 - 131
1,3-Dichlorobenzene	60.1	59.0		ug/m3		98	64 - 140
1,4-Dichlorobenzene	60.1	57.2		ug/m3		95	64 - 137
1,4-Dioxane	36.0	35.0		ug/m3		97	70 - 130
2,2,4-Trimethylpentane	46.7	45.8		ug/m3		98	70 - 130
2-Chlorotoluene	51.8	44.6		ug/m3		86	70 - 130
3-Chloropropene	31.3	32.6		ug/m3		104	70 - 137
4-Ethyltoluene	49.2	47.7		ug/m3		97	69 - 139
4-Isopropyltoluene	54.9	49.9		ug/m3		91	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	37.7		ug/m3		92	68 - 133
Acetone	23.8	23.4		ug/m3		98	70 - 137
Benzene	31.9	31.4		ug/m3		98	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-852467/4
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzyl chloride	51.8	54.5		ug/m3		105	57 - 142
Bromodichloromethane	67.0	57.3		ug/m3		86	70 - 130
Bromoethene(Vinyl Bromide)	43.7	41.6		ug/m3		95	70 - 130
Bromoform	103	112		ug/m3		109	60 - 139
Bromomethane	38.8	38.0		ug/m3		98	70 - 140
Carbon disulfide	31.1	28.3		ug/m3		91	70 - 130
Carbon tetrachloride	62.9	52.9		ug/m3		84	70 - 130
Chlorobenzene	46.0	41.5		ug/m3		90	70 - 130
Chlorodifluoromethane	35.4	34.4		ug/m3		97	70 - 132
Chloroethane	26.4	25.9		ug/m3		98	70 - 131
Chloroform	48.8	45.5		ug/m3		93	70 - 130
Chloromethane	20.7	17.9		ug/m3		87	64 - 138
cis-1,2-Dichloroethene	39.6	37.7		ug/m3		95	70 - 130
cis-1,3-Dichloropropene	45.4	42.6		ug/m3		94	70 - 130
Cumene	49.2	43.4		ug/m3		88	70 - 137
Cyclohexane	34.4	30.1		ug/m3		87	61 - 130
Dibromochloromethane	85.2	83.6		ug/m3		98	70 - 130
Dichlorodifluoromethane	49.5	42.6		ug/m3		86	70 - 131
Ethylbenzene	43.4	38.8		ug/m3		89	70 - 130
Hexachlorobutadiene	107	103		ug/m3		96	40 - 157
Isopropyl alcohol	24.6	21.9		ug/m3		89	62 - 135
m,p-Xylene	43.4	38.8		ug/m3		89	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41.0	38.2		ug/m3		93	57 - 141
Methyl Ethyl Ketone (2-Butanone)	29.5	27.7		ug/m3		94	70 - 130
Methyl methacrylate	40.9	38.7		ug/m3		94	70 - 130
Methyl tert-butyl ether	36.1	33.6		ug/m3		93	70 - 130
Methylene Chloride	34.7	37.4		ug/m3		108	70 - 130
Naphthalene	60.3	57.7		ug/m3		96	22 - 139
n-Butylbenzene	54.9	48.8		ug/m3		89	57 - 143
n-Heptane	41.0	39.2		ug/m3		96	70 - 130
n-Hexane	35.2	29.9		ug/m3		85	61 - 130
N-Propylbenzene	49.2	45.8		ug/m3		93	70 - 130
o-Xylene	43.4	35.4		ug/m3		82	70 - 130
sec-Butylbenzene	54.9	48.5		ug/m3		88	66 - 141
Styrene	42.6	38.1		ug/m3		90	70 - 133
tert-Butyl alcohol	33.6	30.6		ug/m3		91	50 - 130
tert-Butylbenzene	54.9	48.9		ug/m3		89	63 - 130
Tetrachloroethene	67.8	70.0		ug/m3		103	70 - 140
Tetrahydrofuran	29.5	27.5		ug/m3		93	54 - 143
Toluene	37.7	34.1		ug/m3		90	70 - 130
trans-1,2-Dichloroethene	39.6	37.3		ug/m3		94	70 - 130
trans-1,3-Dichloropropene	45.4	45.2		ug/m3		100	70 - 130
Trichloroethene	53.7	55.0		ug/m3		102	70 - 130
Trichlorofluoromethane	56.2	50.4		ug/m3		90	70 - 130
Vinyl chloride	25.6	26.0		ug/m3		102	70 - 135

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	8.82		ppb v/v		88	70 - 130
1,1,2,2-Tetrachloroethane	10	9.07		ppb v/v		91	61 - 130
1,1,2-Trichloroethane	10	9.63		ppb v/v		96	70 - 130
1,1,2-Trichlorotrifluoroethane	10	10.2		ppb v/v		102	70 - 130
1,1-Dichloroethane	10	9.89		ppb v/v		99	70 - 130
1,1-Dichloroethene	10	11.1		ppb v/v		111	70 - 131
1,2,4-Trichlorobenzene	10	9.83		ppb v/v		98	52 - 143
1,2,4-Trimethylbenzene	10	8.66		ppb v/v		87	65 - 146
1,2-Dibromoethane	10	9.33		ppb v/v		93	70 - 130
1,2-Dichlorobenzene	10	9.13		ppb v/v		91	61 - 139
1,2-Dichloroethane	10	8.78		ppb v/v		88	70 - 131
1,2-Dichloropropane	10	9.42		ppb v/v		94	70 - 130
1,2-Dichlorotetrafluoroethane	10	9.81		ppb v/v		98	70 - 130
1,3,5-Trimethylbenzene	10	8.28		ppb v/v		83	69 - 141
1,3-Butadiene	10	10.5		ppb v/v		105	70 - 131
1,3-Dichlorobenzene	10	9.81		ppb v/v		98	64 - 140
1,4-Dichlorobenzene	10	9.52		ppb v/v		95	64 - 137
1,4-Dioxane	10	9.71		ppb v/v		97	70 - 130
2,2,4-Trimethylpentane	10	9.79		ppb v/v		98	70 - 130
2-Chlorotoluene	10	8.62		ppb v/v		86	70 - 130
3-Chloropropene	10	10.4		ppb v/v		104	70 - 137
4-Ethyltoluene	10	9.71		ppb v/v		97	69 - 139
4-Isopropyltoluene	10	9.10		ppb v/v		91	60 - 148
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	9.19		ppb v/v		92	68 - 133
Acetone	10	9.84		ppb v/v		98	70 - 137
Benzene	10	9.83		ppb v/v		98	70 - 130
Benzyl chloride	10	10.5		ppb v/v		105	57 - 142
Bromodichloromethane	10	8.55		ppb v/v		86	70 - 130
Bromoethene(Vinyl Bromide)	10	9.51		ppb v/v		95	70 - 130
Bromoform	10	10.9		ppb v/v		109	60 - 139
Bromomethane	10	9.79		ppb v/v		98	70 - 140
Carbon disulfide	10	9.09		ppb v/v		91	70 - 130
Carbon tetrachloride	10	8.41		ppb v/v		84	70 - 130
Chlorobenzene	10	9.02		ppb v/v		90	70 - 130
Chlorodifluoromethane	10	9.72		ppb v/v		97	70 - 132
Chloroethane	10	9.80		ppb v/v		98	70 - 131
Chloroform	10	9.31		ppb v/v		93	70 - 130
Chloromethane	10	8.69		ppb v/v		87	64 - 138
cis-1,2-Dichloroethene	10	9.51		ppb v/v		95	70 - 130
cis-1,3-Dichloropropene	10	9.38		ppb v/v		94	70 - 130
Cumene	10	8.82		ppb v/v		88	70 - 137
Cyclohexane	10	8.73		ppb v/v		87	61 - 130
Dibromochloromethane	10	9.81		ppb v/v		98	70 - 130
Dichlorodifluoromethane	10	8.62		ppb v/v		86	70 - 131
Ethylbenzene	10	8.94		ppb v/v		89	70 - 130
Hexachlorobutadiene	10	9.63		ppb v/v		96	40 - 157
Isopropyl alcohol	10	8.90		ppb v/v		89	62 - 135
m,p-Xylene	10	8.93		ppb v/v		89	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10	9.32		ppb v/v		93	57 - 141

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-852467/4
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl Ethyl Ketone (2-Butanone)	10	9.40		ppb v/v		94	70 - 130
Methyl methacrylate	10	9.44		ppb v/v		94	70 - 130
Methyl tert-butyl ether	10	9.31		ppb v/v		93	70 - 130
Methylene Chloride	10	10.8		ppb v/v		108	70 - 130
Naphthalene	12	11.0		ppb v/v		96	22 - 139
n-Butylbenzene	10	8.90		ppb v/v		89	57 - 143
n-Heptane	10	9.56		ppb v/v		96	70 - 130
n-Hexane	10	8.47		ppb v/v		85	61 - 130
N-Propylbenzene	10	9.31		ppb v/v		93	70 - 130
o-Xylene	10	8.16		ppb v/v		82	70 - 130
sec-Butylbenzene	10	8.84		ppb v/v		88	66 - 141
Styrene	10	8.95		ppb v/v		90	70 - 133
tert-Butyl alcohol	11	10.1		ppb v/v		91	50 - 130
tert-Butylbenzene	10	8.90		ppb v/v		89	63 - 130
Tetrachloroethene	10	10.3		ppb v/v		103	70 - 140
Tetrahydrofuran	10	9.32		ppb v/v		93	54 - 143
Toluene	10	9.05		ppb v/v		90	70 - 130
trans-1,2-Dichloroethene	10	9.40		ppb v/v		94	70 - 130
trans-1,3-Dichloropropene	10	9.96		ppb v/v		100	70 - 130
Trichloroethene	10	10.2		ppb v/v		102	70 - 130
Trichlorofluoromethane	10	8.97		ppb v/v		90	70 - 130
Vinyl chloride	10	10.2		ppb v/v		102	70 - 135

Lab Sample ID: LCS 410-852467/6
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	23.8	22.8		ug/m3		96	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	10	9.59		ppb v/v		96	70 - 130

Lab Sample ID: LCSD 410-852467/5
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	54.6	46.0		ug/m3		84	70 - 130	4	25
1,1,2,2-Tetrachloroethane	68.7	59.4		ug/m3		86	61 - 130	5	25
1,1,2-Trichloroethane	54.6	50.9		ug/m3		93	70 - 130	3	25
1,1,2-Trichlorotrifluoroethane	76.6	75.9		ug/m3		99	70 - 130	3	25
1,1-Dichloroethane	40.5	38.4		ug/m3		95	70 - 130	4	25
1,1-Dichloroethene	39.6	42.3		ug/m3		107	70 - 131	4	25
1,2,4-Trichlorobenzene	74.2	72.7		ug/m3		98	52 - 143	0	25
1,2,4-Trimethylbenzene	49.2	41.5		ug/m3		84	65 - 146	3	25
1,2-Dibromoethane	76.8	69.0		ug/m3		90	70 - 130	4	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCSD 410-852467/5
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichlorobenzene			60.1	53.2		ug/m3		88	61 - 139	3	25
1,2-Dichloroethane			40.5	33.6		ug/m3		83	70 - 131	6	25
1,2-Dichloropropane			46.2	41.3		ug/m3		89	70 - 130	5	25
1,2-Dichlorotetrafluoroethane			69.9	66.7		ug/m3		95	70 - 130	3	25
1,3,5-Trimethylbenzene			49.2	39.7		ug/m3		81	69 - 141	2	25
1,3-Butadiene			22.1	22.0		ug/m3		99	70 - 131	5	25
1,3-Dichlorobenzene			60.1	57.3		ug/m3		95	64 - 140	3	25
1,4-Dichlorobenzene			60.1	55.9		ug/m3		93	64 - 137	2	25
1,4-Dioxane			36.0	33.9		ug/m3		94	70 - 130	3	25
2,2,4-Trimethylpentane			46.7	44.7		ug/m3		96	70 - 130	2	25
2-Chlorotoluene			51.8	43.7		ug/m3		84	70 - 130	2	25
3-Chloropropene			31.3	31.8		ug/m3		102	70 - 137	2	25
4-Ethyltoluene			49.2	46.2		ug/m3		94	69 - 139	3	25
4-Isopropyltoluene			54.9	48.3		ug/m3		88	60 - 148	3	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)			41.0	35.7		ug/m3		87	68 - 133	5	25
Acetone			23.8	22.5		ug/m3		95	70 - 137	4	25
Benzene			31.9	29.9		ug/m3		94	70 - 130	5	25
Benzyl chloride			51.8	53.4		ug/m3		103	57 - 142	2	25
Bromodichloromethane			67.0	55.1		ug/m3		82	70 - 130	4	25
Bromoethene(Vinyl Bromide)			43.7	39.6		ug/m3		91	70 - 130	5	25
Bromoform			103	108		ug/m3		104	60 - 139	4	25
Bromomethane			38.8	37.0		ug/m3		95	70 - 140	3	25
Carbon disulfide			31.1	27.4		ug/m3		88	70 - 130	3	25
Carbon tetrachloride			62.9	51.3		ug/m3		82	70 - 130	3	25
Chlorobenzene			46.0	40.0		ug/m3		87	70 - 130	4	25
Chlorodifluoromethane			35.4	32.9		ug/m3		93	70 - 132	4	25
Chloroethane			26.4	24.0		ug/m3		91	70 - 131	8	25
Chloroform			48.8	43.9		ug/m3		90	70 - 130	4	25
Chloromethane			20.7	17.5		ug/m3		85	64 - 138	2	25
cis-1,2-Dichloroethene			39.6	35.9		ug/m3		91	70 - 130	5	25
cis-1,3-Dichloropropene			45.4	40.2		ug/m3		89	70 - 130	6	25
Cumene			49.2	41.8		ug/m3		85	70 - 137	4	25
Cyclohexane			34.4	29.0		ug/m3		84	61 - 130	4	25
Dibromochloromethane			85.2	80.4		ug/m3		94	70 - 130	4	25
Dichlorodifluoromethane			49.5	41.9		ug/m3		85	70 - 131	2	25
Ethylbenzene			43.4	37.5		ug/m3		86	70 - 130	4	25
Hexachlorobutadiene			107	98.5		ug/m3		92	40 - 157	4	25
Isopropyl alcohol			24.6	21.3		ug/m3		87	62 - 135	3	25
m,p-Xylene			43.4	37.5		ug/m3		86	70 - 130	3	25
Methyl Butyl Ketone (2-Hexanone)			41.0	37.7		ug/m3		92	57 - 141	1	25
Methyl Ethyl Ketone (2-Butanone)			29.5	26.9		ug/m3		91	70 - 130	3	25
Methyl methacrylate			40.9	36.5		ug/m3		89	70 - 130	6	25
Methyl tert-butyl ether			36.1	32.2		ug/m3		89	70 - 130	4	25
Methylene Chloride			34.7	35.6		ug/m3		102	70 - 130	5	25
Naphthalene			60.3	57.8		ug/m3		96	22 - 139	0	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCSD 410-852467/5
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene			54.9	47.2		ug/m3		86	57 - 143	3	25
n-Heptane			41.0	37.3		ug/m3		91	70 - 130	5	25
n-Hexane			35.2	28.5		ug/m3		81	61 - 130	5	25
N-Propylbenzene			49.2	44.3		ug/m3		90	70 - 130	3	25
o-Xylene			43.4	34.4		ug/m3		79	70 - 130	3	25
sec-Butylbenzene			54.9	47.4		ug/m3		86	66 - 141	2	25
Styrene			42.6	36.5		ug/m3		86	70 - 133	4	25
tert-Butyl alcohol			33.6	29.9		ug/m3		89	50 - 130	2	25
tert-Butylbenzene			54.9	47.4		ug/m3		86	63 - 130	3	25
Tetrachloroethene			67.8	67.4		ug/m3		99	70 - 140	4	25
Tetrahydrofuran			29.5	26.7		ug/m3		91	54 - 143	3	25
Toluene			37.7	32.7		ug/m3		87	70 - 130	4	25
trans-1,2-Dichloroethene			39.6	35.7		ug/m3		90	70 - 130	4	25
trans-1,3-Dichloropropene			45.4	43.7		ug/m3		96	70 - 130	3	25
Trichloroethene			53.7	52.8		ug/m3		98	70 - 130	4	25
Trichlorofluoromethane			56.2	48.5		ug/m3		86	70 - 130	4	25
Vinyl chloride			25.6	25.5		ug/m3		100	70 - 135	2	25

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			10	8.43		ppb v/v		84	70 - 130	4	25
1,1,2,2-Tetrachloroethane			10	8.65		ppb v/v		86	61 - 130	5	25
1,1,2-Trichloroethane			10	9.33		ppb v/v		93	70 - 130	3	25
1,1,2-Trichlorotrifluoroethane			10	9.90		ppb v/v		99	70 - 130	3	25
1,1-Dichloroethane			10	9.48		ppb v/v		95	70 - 130	4	25
1,1-Dichloroethene			10	10.7		ppb v/v		107	70 - 131	4	25
1,2,4-Trichlorobenzene			10	9.80		ppb v/v		98	52 - 143	0	25
1,2,4-Trimethylbenzene			10	8.44		ppb v/v		84	65 - 146	3	25
1,2-Dibromoethane			10	8.97		ppb v/v		90	70 - 130	4	25
1,2-Dichlorobenzene			10	8.85		ppb v/v		88	61 - 139	3	25
1,2-Dichloroethane			10	8.30		ppb v/v		83	70 - 131	6	25
1,2-Dichloropropane			10	8.93		ppb v/v		89	70 - 130	5	25
1,2-Dichlorotetrafluoroethane			10	9.55		ppb v/v		95	70 - 130	3	25
1,3,5-Trimethylbenzene			10	8.08		ppb v/v		81	69 - 141	2	25
1,3-Butadiene			10	9.95		ppb v/v		99	70 - 131	5	25
1,3-Dichlorobenzene			10	9.54		ppb v/v		95	64 - 140	3	25
1,4-Dichlorobenzene			10	9.30		ppb v/v		93	64 - 137	2	25
1,4-Dioxane			10	9.42		ppb v/v		94	70 - 130	3	25
2,2,4-Trimethylpentane			10	9.56		ppb v/v		96	70 - 130	2	25
2-Chlorotoluene			10	8.44		ppb v/v		84	70 - 130	2	25
3-Chloropropene			10	10.2		ppb v/v		102	70 - 137	2	25
4-Ethyltoluene			10	9.40		ppb v/v		94	69 - 139	3	25
4-Isopropyltoluene			10	8.80		ppb v/v		88	60 - 148	3	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)			10	8.71		ppb v/v		87	68 - 133	5	25
Acetone			10	9.48		ppb v/v		95	70 - 137	4	25
Benzene			10	9.37		ppb v/v		94	70 - 130	5	25
Benzyl chloride			10	10.3		ppb v/v		103	57 - 142	2	25
Bromodichloromethane			10	8.23		ppb v/v		82	70 - 130	4	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCSD 410-852467/5
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromoethene(Vinyl Bromide)			10	9.06		ppb v/v		91	70 - 130	5	25
Bromoform			10	10.4		ppb v/v		104	60 - 139	4	25
Bromomethane			10	9.54		ppb v/v		95	70 - 140	3	25
Carbon disulfide			10	8.79		ppb v/v		88	70 - 130	3	25
Carbon tetrachloride			10	8.15		ppb v/v		82	70 - 130	3	25
Chlorobenzene			10	8.69		ppb v/v		87	70 - 130	4	25
Chlorodifluoromethane			10	9.32		ppb v/v		93	70 - 132	4	25
Chloroethane			10	9.08		ppb v/v		91	70 - 131	8	25
Chloroform			10	8.99		ppb v/v		90	70 - 130	4	25
Chloromethane			10	8.50		ppb v/v		85	64 - 138	2	25
cis-1,2-Dichloroethene			10	9.06		ppb v/v		91	70 - 130	5	25
cis-1,3-Dichloropropene			10	8.86		ppb v/v		89	70 - 130	6	25
Cumene			10	8.51		ppb v/v		85	70 - 137	4	25
Cyclohexane			10	8.42		ppb v/v		84	61 - 130	4	25
Dibromochloromethane			10	9.44		ppb v/v		94	70 - 130	4	25
Dichlorodifluoromethane			10	8.46		ppb v/v		85	70 - 131	2	25
Ethylbenzene			10	8.63		ppb v/v		86	70 - 130	4	25
Hexachlorobutadiene			10	9.24		ppb v/v		92	40 - 157	4	25
Isopropyl alcohol			10	8.67		ppb v/v		87	62 - 135	3	25
m,p-Xylene			10	8.65		ppb v/v		86	70 - 130	3	25
Methyl Butyl Ketone (2-Hexanone)			10	9.20		ppb v/v		92	57 - 141	1	25
Methyl Ethyl Ketone (2-Butanone)			10	9.11		ppb v/v		91	70 - 130	3	25
Methyl methacrylate			10	8.92		ppb v/v		89	70 - 130	6	25
Methyl tert-butyl ether			10	8.94		ppb v/v		89	70 - 130	4	25
Methylene Chloride			10	10.2		ppb v/v		102	70 - 130	5	25
Naphthalene			12	11.0		ppb v/v		96	22 - 139	0	25
n-Butylbenzene			10	8.60		ppb v/v		86	57 - 143	3	25
n-Heptane			10	9.10		ppb v/v		91	70 - 130	5	25
n-Hexane			10	8.09		ppb v/v		81	61 - 130	5	25
N-Propylbenzene			10	9.00		ppb v/v		90	70 - 130	3	25
o-Xylene			10	7.92		ppb v/v		79	70 - 130	3	25
sec-Butylbenzene			10	8.63		ppb v/v		86	66 - 141	2	25
Styrene			10	8.57		ppb v/v		86	70 - 133	4	25
tert-Butyl alcohol			11	9.87		ppb v/v		89	50 - 130	2	25
tert-Butylbenzene			10	8.64		ppb v/v		86	63 - 130	3	25
Tetrachloroethene			10	9.94		ppb v/v		99	70 - 140	4	25
Tetrahydrofuran			10	9.06		ppb v/v		91	54 - 143	3	25
Toluene			10	8.67		ppb v/v		87	70 - 130	4	25
trans-1,2-Dichloroethene			10	9.00		ppb v/v		90	70 - 130	4	25
trans-1,3-Dichloropropene			10	9.62		ppb v/v		96	70 - 130	3	25
Trichloroethene			10	9.83		ppb v/v		98	70 - 130	4	25
Trichlorofluoromethane			10	8.64		ppb v/v		86	70 - 130	4	25
Vinyl chloride			10	9.99		ppb v/v		100	70 - 135	2	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCSD 410-852467/7
Matrix: Air
Analysis Batch: 852467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butane			23.8	22.3		ug/m3		94	70 - 130	2	25

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butane			10	9.37		ppb v/v		94	70 - 130	2	25

Air - GC/MS VOA

Analysis Batch: 849369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240170-6	RI-VP-2	Total/NA	Air	TO 15 LL	
480-240170-7	RI-SS-1	Total/NA	Air	TO 15 LL	
480-240170-8	RI-VP-4	Total/NA	Air	TO 15 LL	
480-240170-10	RI-VP-3	Total/NA	Air	TO 15 LL	
MB 410-849369/7	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-849369/4	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-849369/5	Lab Control Sample	Total/NA	Air	TO 15 LL	

Analysis Batch: 849380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240170-4	RI-IA-1	Total/NA	Air	TO 15 LL	
MB 410-849380/7	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-849380/4	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-849380/5	Lab Control Sample	Total/NA	Air	TO 15 LL	
480-240170-4 DU	RI-IA-1	Total/NA	Air	TO 15 LL	

Analysis Batch: 850324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240170-6 - DL	RI-VP-2	Total/NA	Air	TO 15 LL	
MB 410-850324/7	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-850324/4	Lab Control Sample	Total/NA	Air	TO 15 LL	

Analysis Batch: 851042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240170-1	RI-VP-1	Total/NA	Air	TO 15 LL	
480-240170-3	RI-VP-7	Total/NA	Air	TO 15 LL	
480-240170-5	RI-UP-5	Total/NA	Air	TO 15 LL	
MB 410-851042/7	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-851042/4	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-851042/5	Lab Control Sample	Total/NA	Air	TO 15 LL	

Analysis Batch: 851699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240170-2	RI-UP-1	Total/NA	Air	TO 15 LL	
MB 410-851699/7	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-851699/4	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-851699/5	Lab Control Sample	Total/NA	Air	TO 15 LL	

Analysis Batch: 852467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240170-9	RI-VP-6	Total/NA	Air	TO 15 LL	
MB 410-852467/9	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-852467/4	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-852467/6	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCSD 410-852467/5	Lab Control Sample Dup	Total/NA	Air	TO 15 LL	
LCSD 410-852467/7	Lab Control Sample Dup	Total/NA	Air	TO 15 LL	

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-VP-1
Lab Sample ID: 480-240170-1
Date Collected: 07/02/26 03:10
Matrix: Air
Date Received: 07/07/26 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		200	851042	K1P	ELLE	07/14/26 14:40

Client Sample ID: RI-UP-1
Lab Sample ID: 480-240170-2
Date Collected: 07/02/26 02:30
Matrix: Air
Date Received: 07/07/26 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	851699	K1P	ELLE	07/15/26 21:59

Client Sample ID: RI-VP-7
Lab Sample ID: 480-240170-3
Date Collected: 07/02/26 02:40
Matrix: Air
Date Received: 07/07/26 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		200	851042	K1P	ELLE	07/14/26 15:01

Client Sample ID: RI-IA-1
Lab Sample ID: 480-240170-4
Date Collected: 07/02/26 02:10
Matrix: Air
Date Received: 07/07/26 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	849380	JXC9	ELLE	07/10/26 14:13

Client Sample ID: RI-UP-5
Lab Sample ID: 480-240170-5
Date Collected: 07/02/26 02:45
Matrix: Air
Date Received: 07/07/26 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		200	851042	K1P	ELLE	07/14/26 15:22

Client Sample ID: RI-VP-2
Lab Sample ID: 480-240170-6
Date Collected: 07/02/26 02:25
Matrix: Air
Date Received: 07/07/26 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		40	849369	K1P	ELLE	07/10/26 23:47
Total/NA	Analysis	TO 15 LL	DL	400	850324	JXC9	ELLE	07/14/26 00:24

Client Sample ID: RI-SS-1
Lab Sample ID: 480-240170-7
Date Collected: 07/02/26 02:10
Matrix: Air
Date Received: 07/07/26 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		4	849369	K1P	ELLE	07/11/26 00:10

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-VP-4
Lab Sample ID: 480-240170-8
Date Collected: 07/02/26 02:20
Matrix: Air
Date Received: 07/07/26 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		40	849369	K1P	ELLE	07/11/26 00:30

Client Sample ID: RI-VP-6
Lab Sample ID: 480-240170-9
Date Collected: 07/02/26 03:00
Matrix: Air
Date Received: 07/07/26 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		400	852467	K1P	ELLE	07/16/26 21:55

Client Sample ID: RI-VP-3
Lab Sample ID: 480-240170-10
Date Collected: 07/02/26 02:15
Matrix: Air
Date Received: 07/07/26 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		40	849369	K1P	ELLE	07/11/26 00:51

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-27

The following analytes are included in this report, but the laboratory is not certified by New York NELAP 10670. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
TO 15 LL		Air	4-Ethyltoluene
TO 15 LL		Air	4-Isopropyltoluene
TO 15 LL		Air	Chlorodifluoromethane
TO 15 LL		Air	Methyl Butyl Ketone (2-Hexanone)
TO 15 LL		Air	n-Butane
TO 15 LL		Air	n-Butylbenzene
TO 15 LL		Air	N-Propylbenzene
TO 15 LL		Air	sec-Butylbenzene
TO 15 LL		Air	tert-Butylbenzene
TO 15 LL		Air	Tetrahydrofuran

Method Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Method	Method Description	Protocol	Laboratory
TO 15 LL	Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240170-1
Project/Site: 375 Michigan Remedial Investigation

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-240170-1	RI-VP-1	Air	07/02/26 03:10	07/07/26 10:30	Air Canister (6-Liter) #3503
480-240170-2	RI-UP-1	Air	07/02/26 02:30	07/07/26 10:30	Air Canister (6-Liter) #4837
480-240170-3	RI-VP-7	Air	07/02/26 02:40	07/07/26 10:30	Air Canister (6-Liter) #4807
480-240170-4	RI-IA-1	Air	07/02/26 02:10	07/07/26 10:30	Air Canister (6-Liter) #1995
480-240170-5	RI-UP-5	Air	07/02/26 02:45	07/07/26 10:30	Air Canister (6-Liter) #34000074
480-240170-6	RI-VP-2	Air	07/02/26 02:25	07/07/26 10:30	Air Canister (6-Liter) #4787
480-240170-7	RI-SS-1	Air	07/02/26 02:10	07/07/26 10:30	Air Canister (6-Liter) #4427
480-240170-8	RI-VP-4	Air	07/02/26 02:20	07/07/26 10:30	Air Canister (6-Liter) #1975
480-240170-9	RI-VP-6	Air	07/02/26 03:00	07/07/26 10:30	Air Canister (6-Liter) #505
480-240170-10	RI-VP-3	Air	07/02/26 02:15	07/07/26 10:30	Air Canister (6-Liter) #2883

480-240170 Chain of Custody

Summa Canister Field Test Data/Chain of Custody

Lancaster Laboratories Environmental

For Eurofins Lancaster Laboratories Environmental use only

Acct. # _____ Group # _____ Sample # _____ Bottle Order (SCR) # 214747

Client Information

Client: ~~[redacted]~~ BE3

Account #:

Project Name/#: 375 Michigan

Project Manager:

P.O. #:

Sampler: WG

Quote #:

Name of state where samples were collected:

Turnaround Time Requested (TAT) (circle one)

Standard Rush (specify) _____

Data Package Required? Yes No

EDD Required? Yes No

	Temperature (F)		Pressure ("Hg)	
	Start	Stop	Start	Stop
Ambient				
Maximum				
Minimum				

Analyses Requested

EPA TO - 15; EPA 18; ☐ MTBE; ☐ BTEX; EPA 25 (select range below); Helium as tracer; O2/CO2; Library Search

Sample Identification	Start Date/Time (24-hour clock)	Stop Date/Time (24-hour clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (mL/min)
RI-VP-1	7-1 /3:10	7-2 /3:10	-29.0	-4.0			4733	3503	6	3.7
~~RI-VP-1~~ RI-VP-1	7-1 /2:30	7-2 /2:30	-00.0	0.00			7623	4837	6	3.6
RI-VP-7	7-1 /2:35	7-2 /2:40	-28.0	-16.0			A437006	4807	6	3.7
RI-IA-1	7-1 /2:05	7-2 /2:10	-28.0	-4.0			A594007	1995	6	3.6
RI-VP-5	7-1 /2:45	7-2 /2:45	-30.0	-2.0			4938	34000674	6	3.7
RI-VP-2	7-1 /2:20	7-2 /2:25	-28.0	-4.0			A578012	4787	6	3.6
RI-SS-1	7-1 /2:00	7-2 /2:10	-28.0	-3.0			A592005	4427	6	3.6
RI-VP-4	7-1 /2:15	7-2 /2:20	-29.0	-2.0			A564020	1975	6	3.5
RI-VP-6	7-1 /3:00	7-2 /3:00	-29.0	-2.0			A861024	505	6	3.7
RI-VP-3	7-1 /2:10	7-2 /2:15	-29.0	-2.0			A579023	2883	6	3.5

Instructions/QC Requirements & Comments

EPA 25 (check one) ☐ C1 - C4 ☐ C2 - C10 ☐ C1 - C10 ☐ C4 - C10 (GRO) ☐ C2 - C4

Canisters Shipped by:	Date/Time:	Canisters Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
2B123548	3:15 6/19/26						
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
Paul Stel	7/2 5:45						
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
						7/7/26	1030

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300

The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client.

7056 1015

Received unchilled

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240170-1

Login Number: 240170
List Number: 1
Creator: Boyina, Kavya

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240170-1

Login Number: 240170
List Number: 2
Creator: Trzos, Hazel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 07/09/26 10:19 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	N/A	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240170-1

Login Number: 240170
List Number: 3
Creator: Jeremiah, Cory T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 07/15/26 07:17 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	N/A	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-280425-1

SDG No.:

Client Sample ID: 3759 Lab Sample ID: 410-280425-1

Matrix: Air Lab File ID: 9Y04X09.D

Analysis Method: TO-15 Date Collected: 05/02/2026 10:17

Sample wt/vol: 200(mL) Date Analyzed: 05/04/2026 17:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 811247 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP5RA40

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.23	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-280425-1

SDG No.:

Client Sample ID: 3759 Lab Sample ID: 410-280425-1

Matrix: Air Lab File ID: 9Y04X09.D

Analysis Method: TO-15 Date Collected: 05/02/2026 10:17

Sample wt/vol: 200(mL) Date Analyzed: 05/04/2026 17:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 811247 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP5RA40

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-280425-1

SDG No.:

Client Sample ID: 3759 Lab Sample ID: 410-280425-1

Matrix: Air Lab File ID: 9Y04X09.D

Analysis Method: TO-15 Date Collected: 05/02/2026 10:17

Sample wt/vol: 200(mL) Date Analyzed: 05/04/2026 17:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 811247 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP5RA40

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP5RA40\20260504-185341.b\9Y04X09.D				
Lims ID:	410-280425-A-1				
Client ID:	3759				
Sample Type:	Client				
Inject. Date:	04-May-2026 17:43:59	ALS Bottle#:	6	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc3759				
Misc. Info.:	410-0185341-010				
Operator ID:	al109694	Instrument ID:	HP5RA40		
Method:	\\chromfs\Lancaster\ChromData\HP5RA40\20260504-185341.b\TO15_HP5RA40.m				
Limit Group:	MSV - TO15				
Last Update:	05-May-2026 09:12:57	Calib Date:	08-Apr-2026 17:03:40		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP5RA40\20260408-181936.b\9A08X10.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1659				
First Level Reviewer: D7um		Date:	05-May-2026 08:54:28		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
5 Chloromethane	50	1.859	1.881	-0.022	97	2994	0.3102	
14 Ethanol	45	3.170	3.127	0.043	99	4344	1.42	7M
23 Acetone	43	3.664	3.636	0.028	96	15502	0.99	Ma
17 Carbon disulfide	76	3.693	3.707	-0.014	96	2226	0.0668	
20 Isopropyl alcohol	45	3.879	3.822	0.057	99	4755	0.2436	
43 2-Butanone (MEK)	72	5.914	5.892	0.022	96	1298	0.2337	
* 35 Chlorobromomethane (IS)	130	6.143	6.150	-0.007	85	135298	10.0	
* 50 1,4-Difluorobenzene	114	7.418	7.425	-0.007	92	573136	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.863	-0.035	81	544224	10.0	M

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

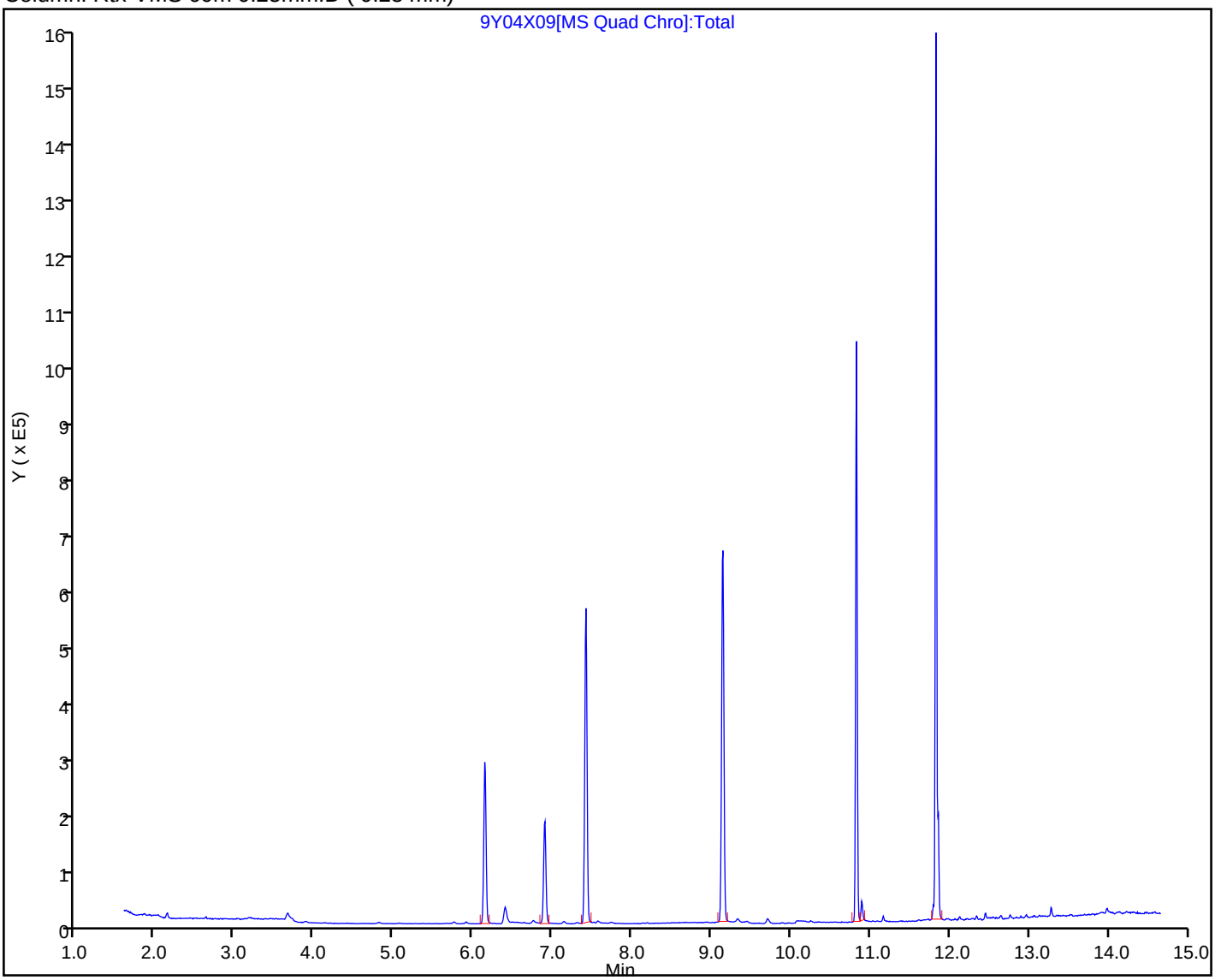
AIRIS200 ppb_00706 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 05-May-2026 10:07:21 Chrom Revision: 2.3 02-May-2026 12:16:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP5RA40\20260504-185341.b\9Y04X09.D				
Injection Date:	04-May-2026 17:43:59	Instrument ID:	HP5RA40		
Lims ID:	410-280425-A-1	Lab Sample ID:	410-280425-1		
Client ID:	3759				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP5RA40	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

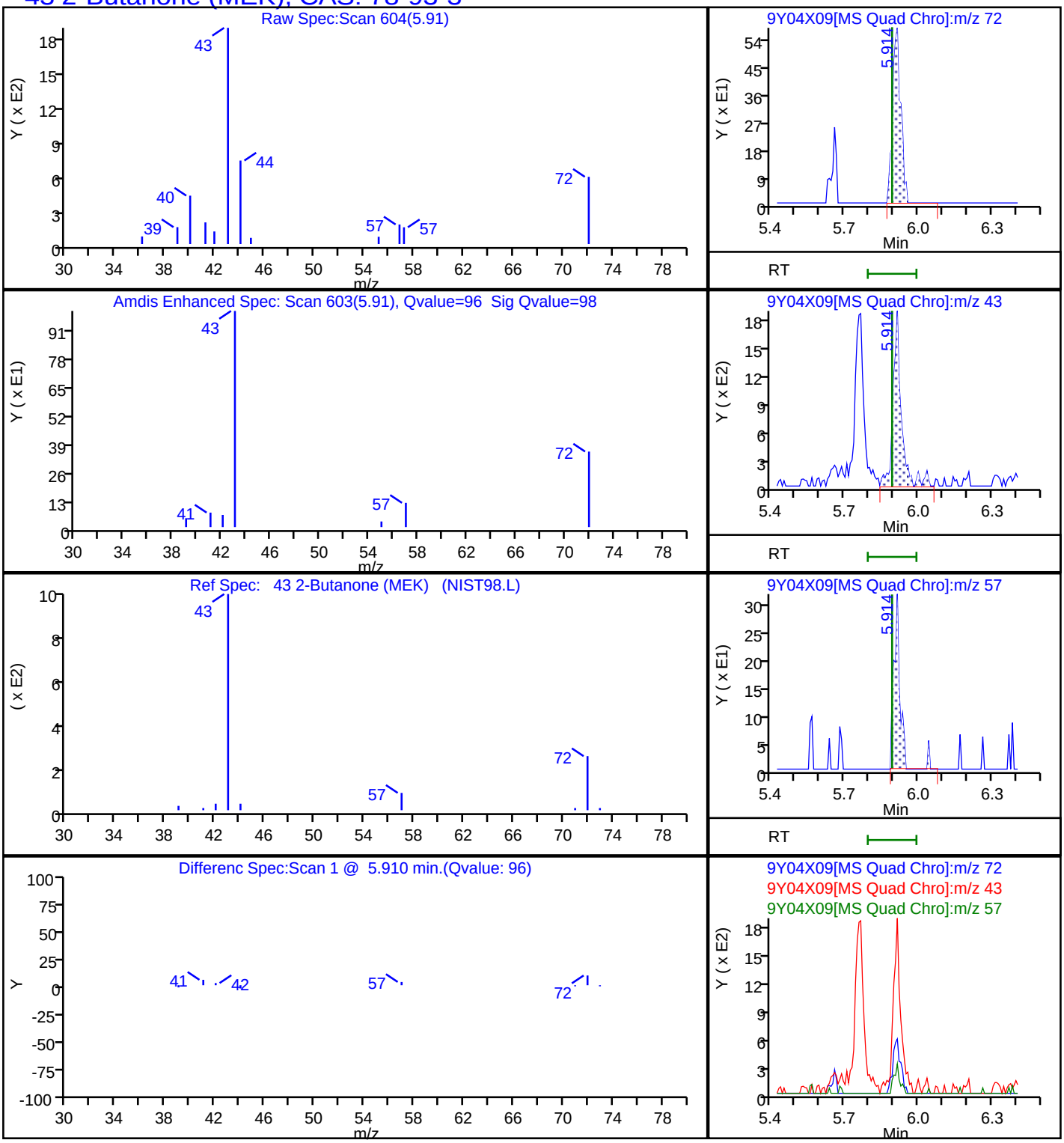


Report Date: 05-May-2026 10:07:22 Chrom Revision: 2.3 02-May-2026 12:16:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP5RA40\20260504-185341.b\9Y04X09.D				
Injection Date:	04-May-2026 17:43:59	Instrument ID:	HP5RA40		
Lims ID:	410-280425-A-1	Lab Sample ID:	410-280425-1		
Client ID:	3759				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP5RA40	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

43 2-Butanone (MEK), CAS: 78-93-3



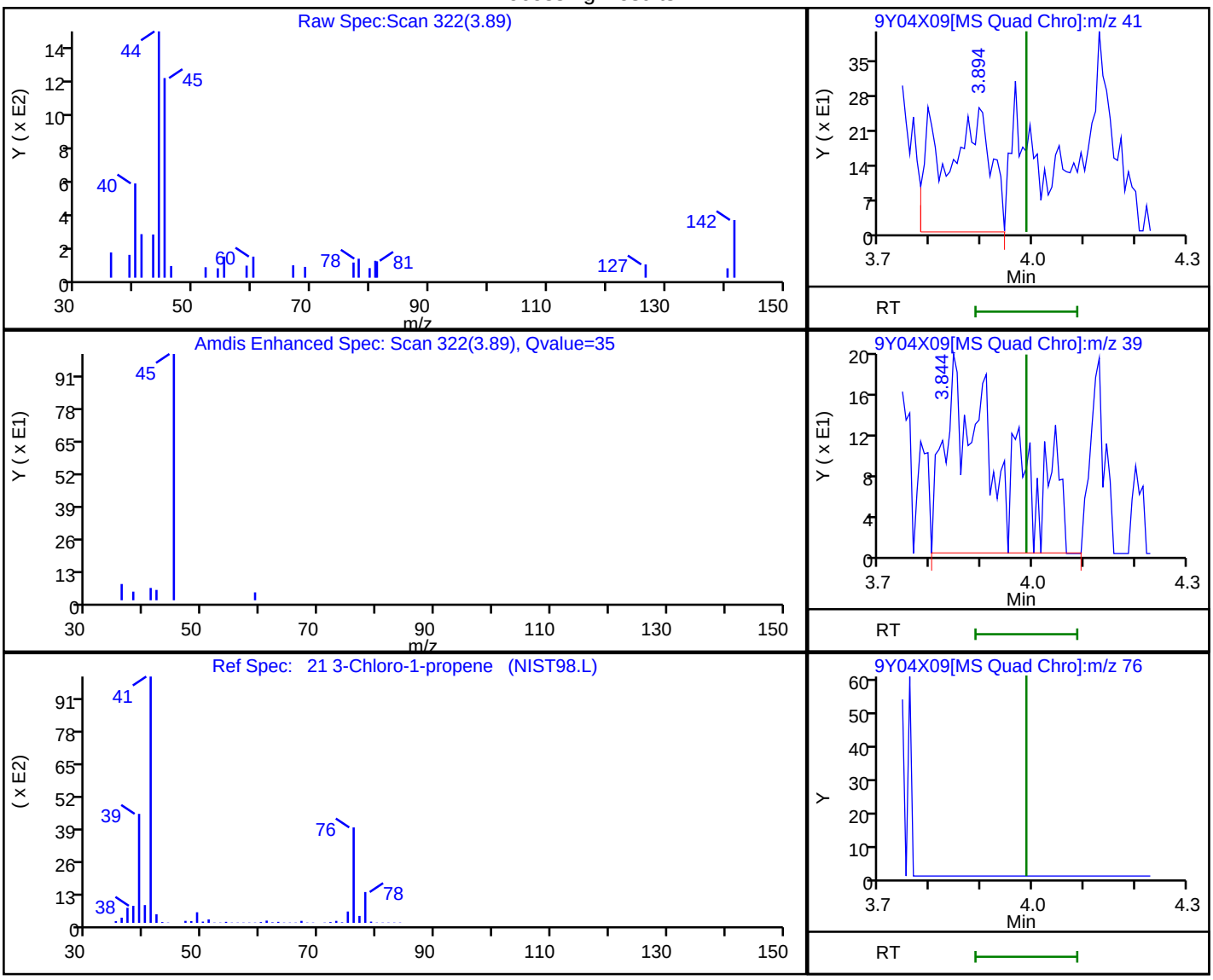
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP5RA40\20260504-185341.b\9Y04X09.D				
Injection Date:	04-May-2026 17:43:59	Instrument ID:	HP5RA40		
Lims ID:	410-280425-A-1	Lab Sample ID:	410-280425-1		
Client ID:	3759				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP5RA40	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.89	41.00	1574	0.115327
3.84	39.00	1507	
3.99	76.00	0	

Reviewer: D7um, 05-May-2026 08:53:11 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

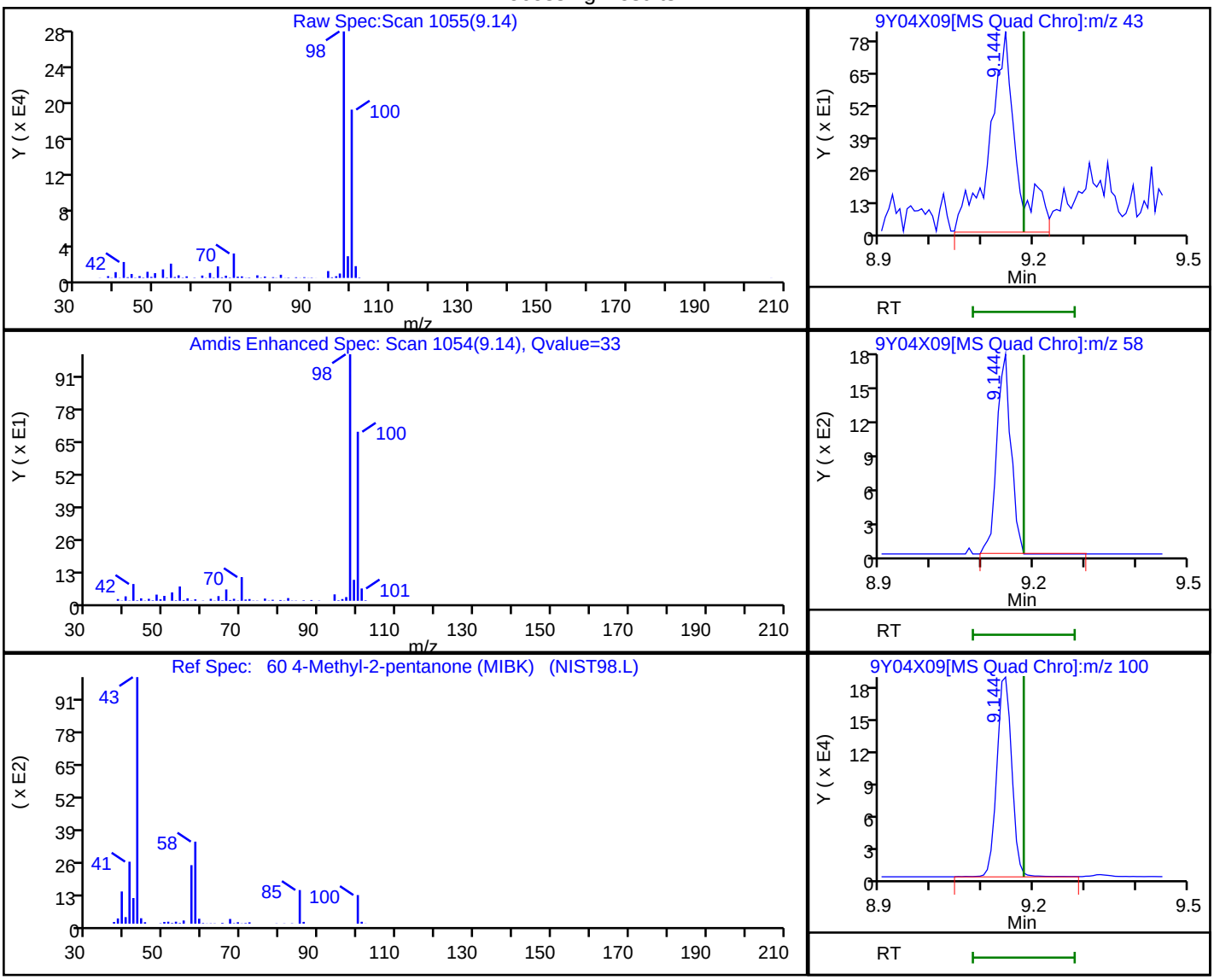
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP5RA40\20260504-185341.b\9Y04X09.D				
Injection Date:	04-May-2026 17:43:59	Instrument ID:	HP5RA40		
Lims ID:	410-280425-A-1	Lab Sample ID:	410-280425-1		
Client ID:	3759				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP5RA40	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.14	43.00	2924	0.091298
9.14	58.00	3455	
9.14	100.00	382724	

Reviewer: D7um, 05-May-2026 08:53:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

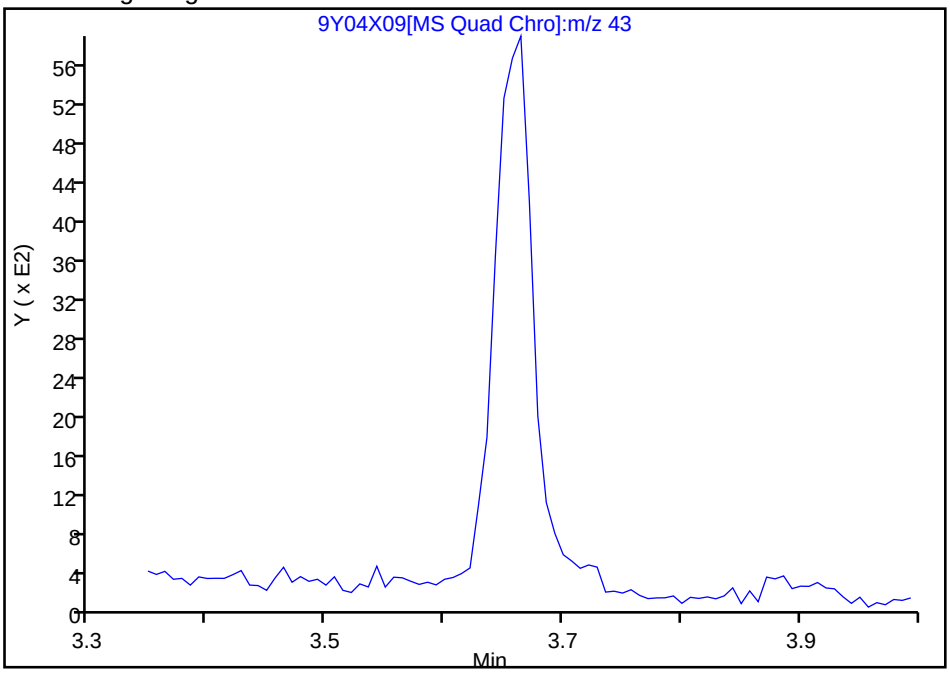
Data File:	\\chromfs\Lancaster\ChromData\HP5RA40\20260504-185341.b\9Y04X09.D				
Injection Date:	04-May-2026 17:43:59	Instrument ID:	HP5RA40		
Lims ID:	410-280425-A-1	Lab Sample ID:	410-280425-1		
Client ID:	3759				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP5RA40	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetone, CAS: 67-64-1

Signal: 1

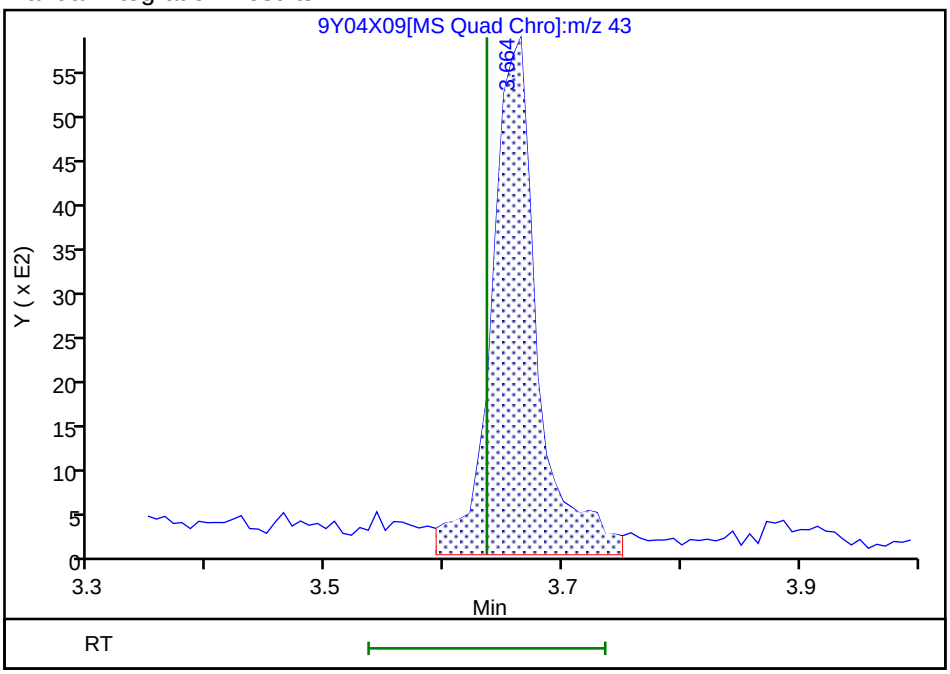
Not Detected
Expected RT: 3.64

Processing Integration Results



Manual Integration Results

RT: 3.66
Area: 15502
Amount: 0.994357
Amount Units: ppb v/v



Reviewer: D7um, 05-May-2026 08:53:02 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

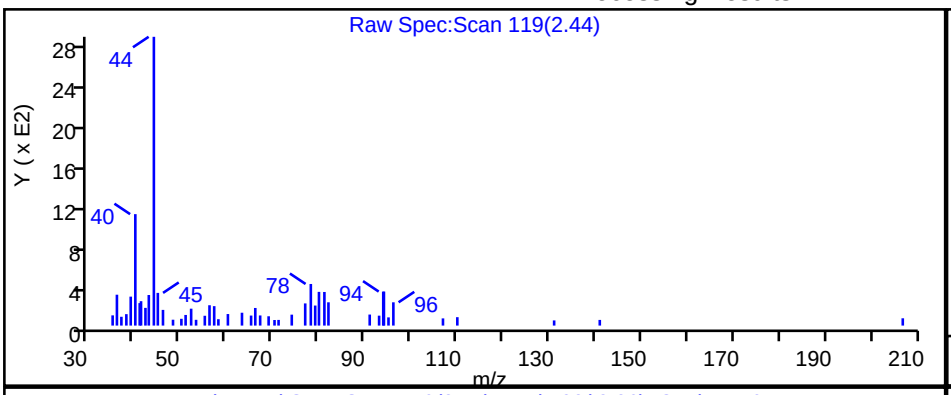
User Disabled Compound Report

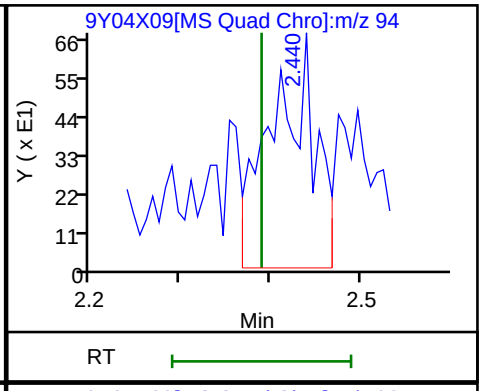
Eurofins Lancaster Laboratories Environment Testing, LLC

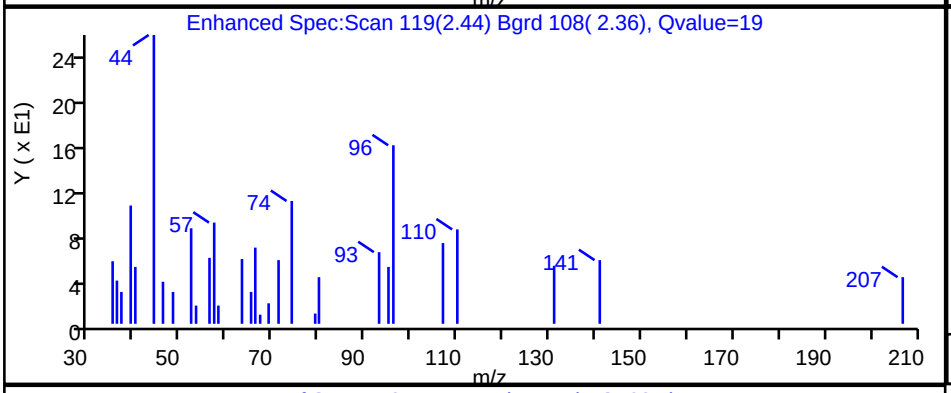
Data File:	\\chromfs\Lancaster\ChromData\HP5RA40\20260504-185341.b\9Y04X09.D				
Injection Date:	04-May-2026 17:43:59	Instrument ID:	HP5RA40		
Lims ID:	410-280425-A-1	Lab Sample ID:	410-280425-1		
Client ID:	3759				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP5RA40	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

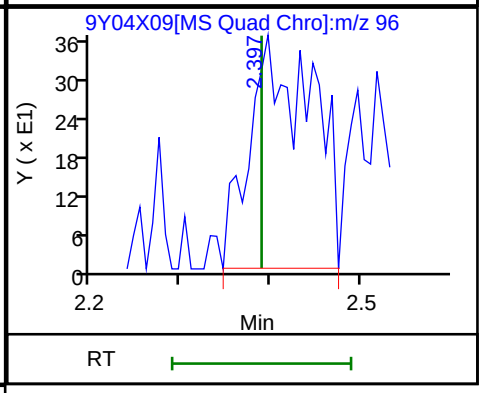
8 Bromomethane, CAS: 74-83-9

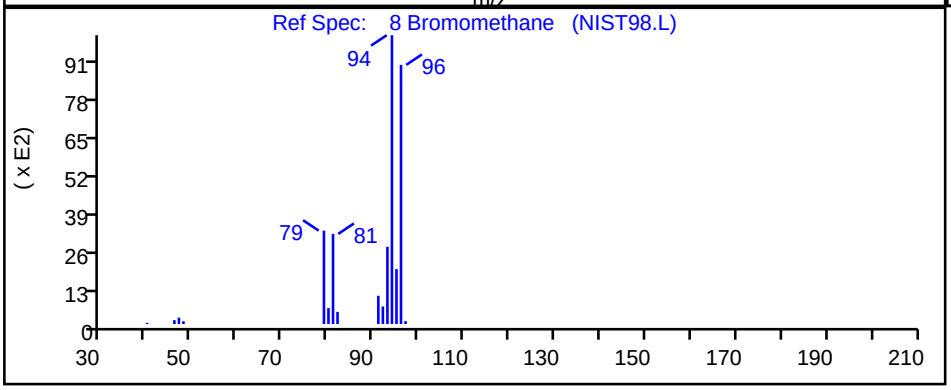
Processing Results











RT	Mass	Response	Amount
2.44	94.00	2230	0.262258
2.40	96.00	1778	

Reviewer: D7um, 05-May-2026 08:52:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

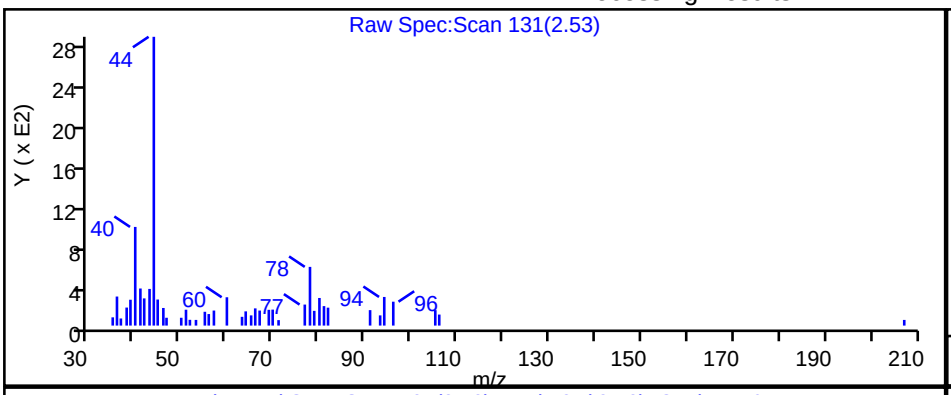
User Disabled Compound Report

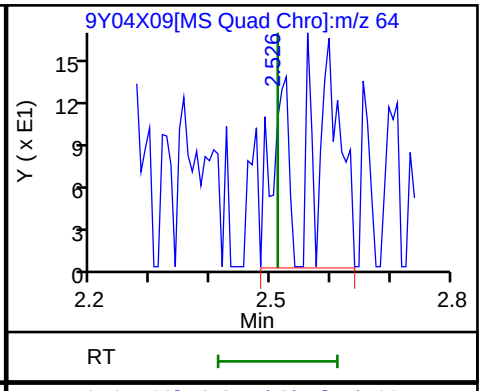
Eurofins Lancaster Laboratories Environment Testing, LLC

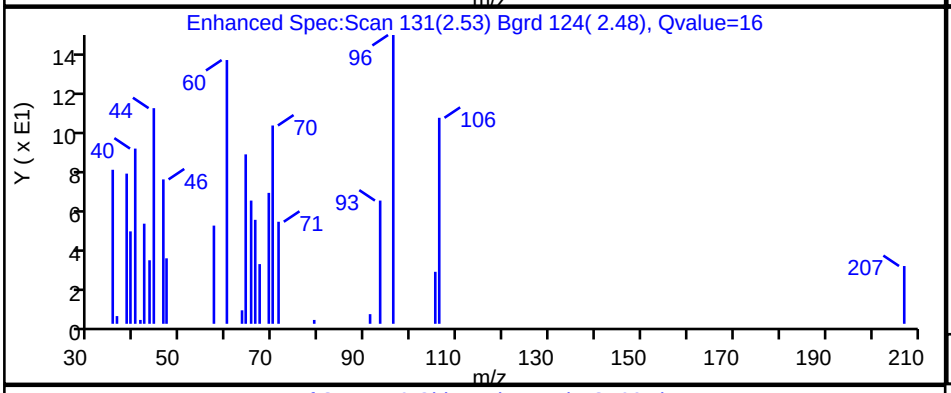
Data File:	\\chromfs\Lancaster\ChromData\HP5RA40\20260504-185341.b\9Y04X09.D				
Injection Date:	04-May-2026 17:43:59	Instrument ID:	HP5RA40		
Lims ID:	410-280425-A-1	Lab Sample ID:	410-280425-1		
Client ID:	3759				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP5RA40	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

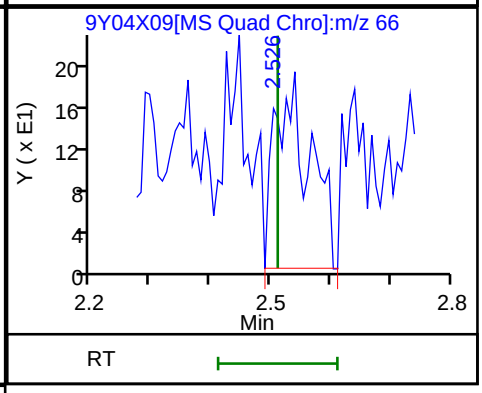
9 Chloroethane, CAS: 75-00-3

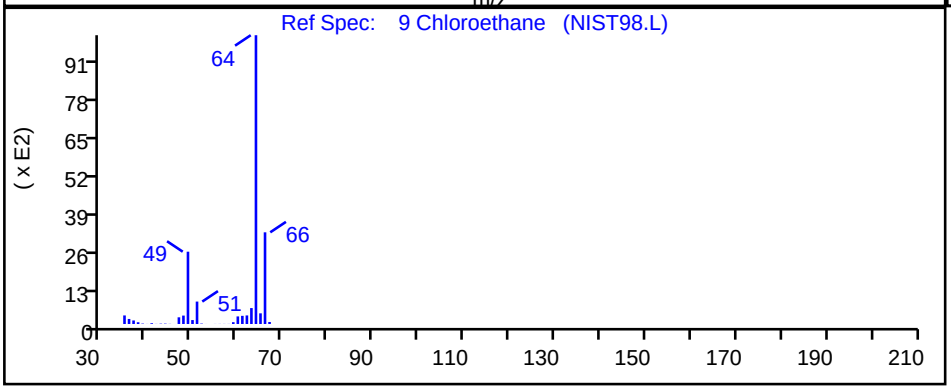
Processing Results











RT	Mass	Response	Amount
2.53	64.00	750	0.102695
2.53	66.00	777	

Reviewer: D7um, 05-May-2026 08:52:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

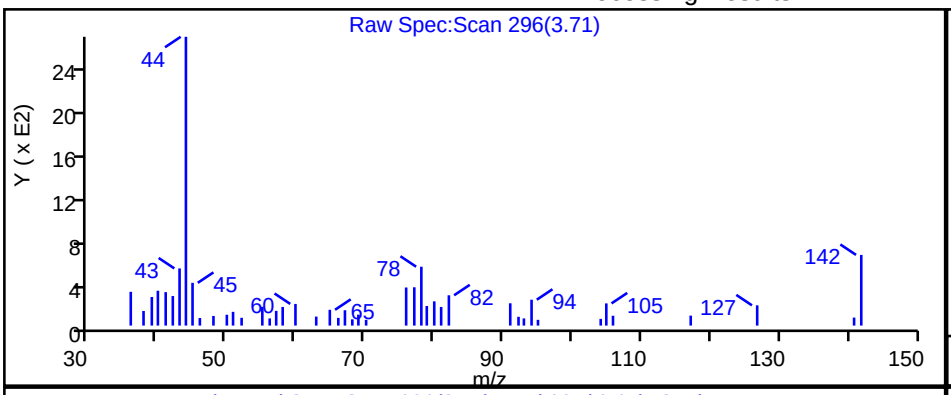
User Disabled Compound Report

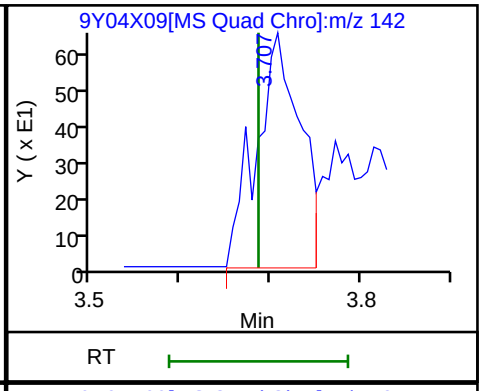
Eurofins Lancaster Laboratories Environment Testing, LLC

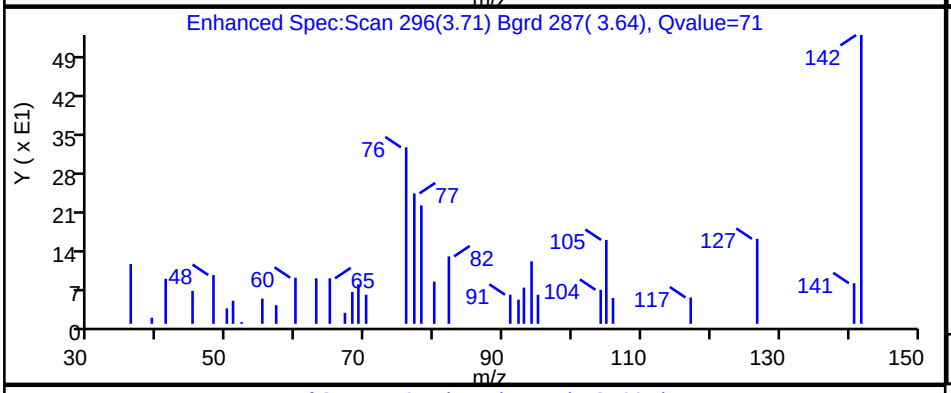
Data File:	\\chromfs\Lancaster\ChromData\HP5RA40\20260504-185341.b\9Y04X09.D				
Injection Date:	04-May-2026 17:43:59	Instrument ID:	HP5RA40		
Lims ID:	410-280425-A-1	Lab Sample ID:	410-280425-1		
Client ID:	3759				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP5RA40	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

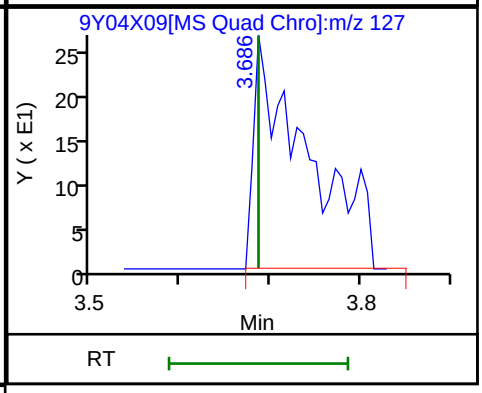
18 Iodomethane, CAS: 74-88-4

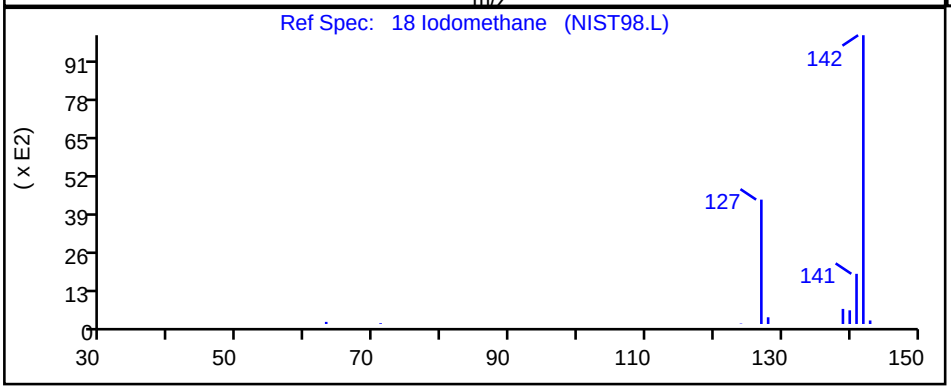
Processing Results











RT	Mass	Response	Amount
3.71	142.00	2195	0.077201
3.69	127.00	1148	

Reviewer: D7um, 05-May-2026 08:53:06 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

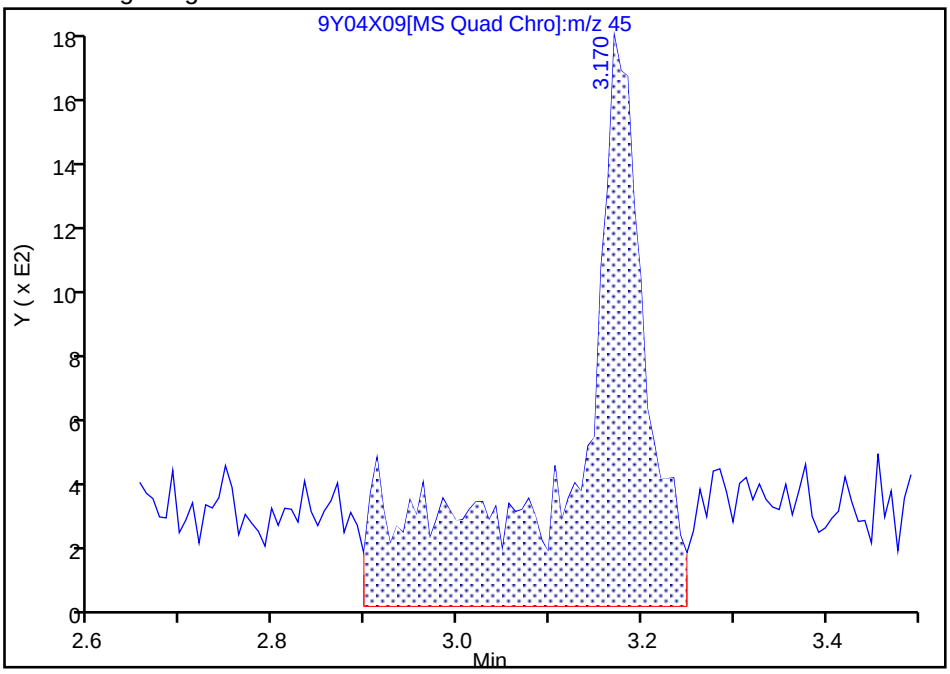
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Injection Date:	04-May-2026 17:43:59	Instrument ID:	HP5RA40		
Lims ID:	410-280425-A-1	Lab Sample ID:	410-280425-1		
Client ID:	3759				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP5RA40	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5

Signal: 1

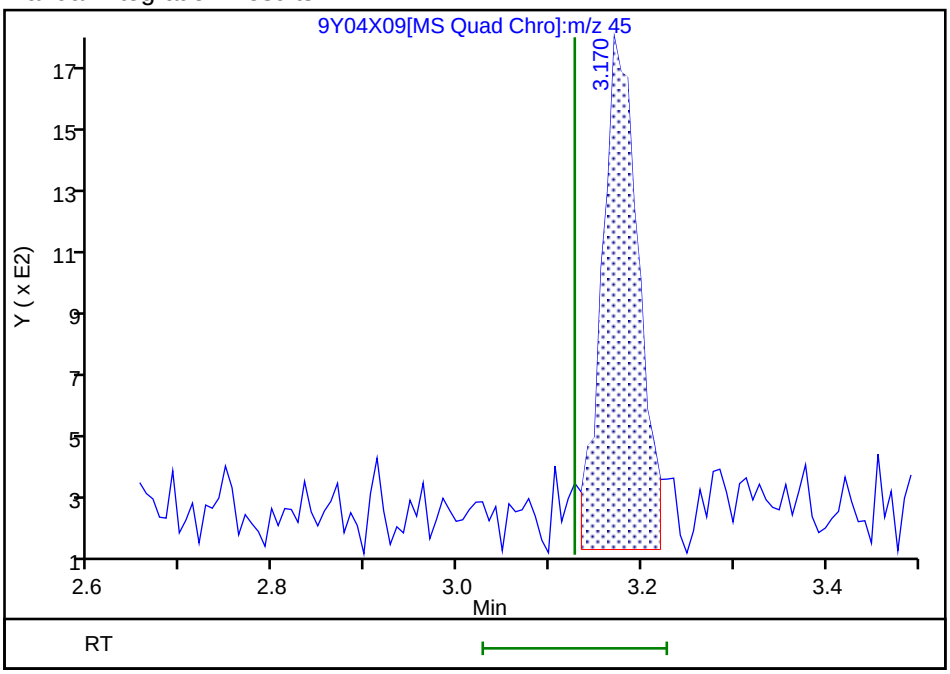
Processing Integration Results

RT: 3.17
Area: 10074
Amount: 3.290542
Amount Units: ppb v/v



Manual Integration Results

RT: 3.17
Area: 4344
Amount: 1.418912
Amount Units: ppb v/v



Reviewer: D7um, 05-May-2026 08:52:47 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

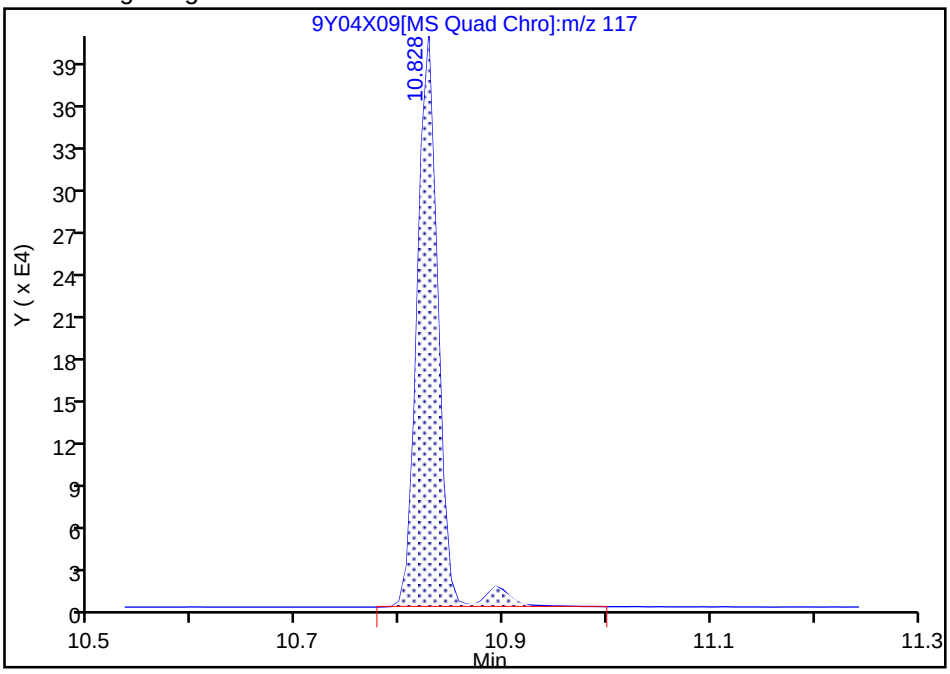
Data File:	\\chromfs\Lancaster\ChromData\HP5RA40\20260504-185341.b\9Y04X09.D				
Injection Date:	04-May-2026 17:43:59	Instrument ID:	HP5RA40		
Lims ID:	410-280425-A-1	Lab Sample ID:	410-280425-1		
Client ID:	3759				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP5RA40	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

* 68 Chlorobenzene-d5 (IS), CAS: 3114-55-4

Signal: 1

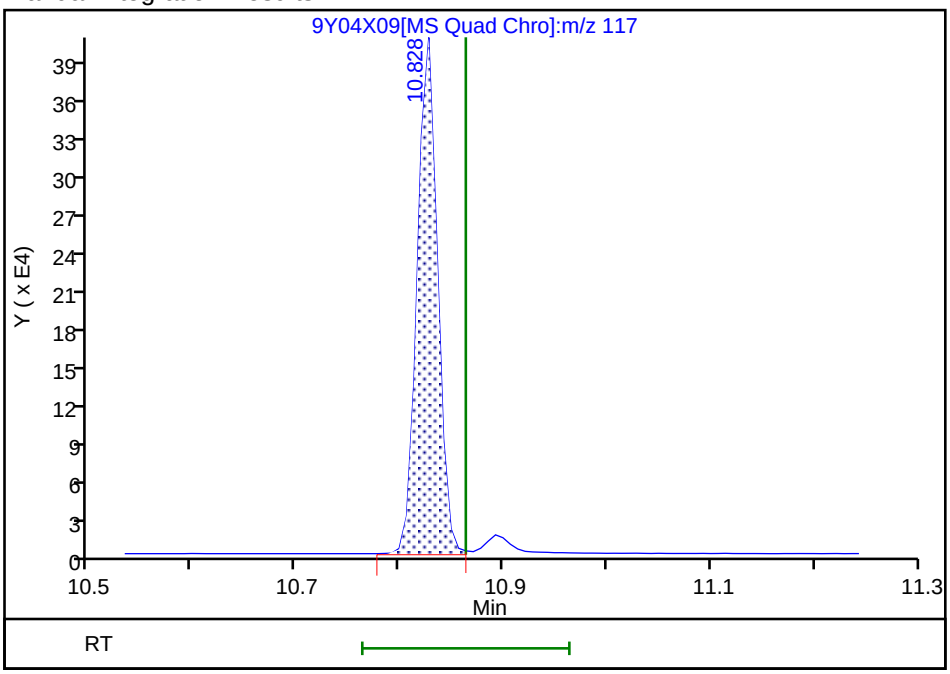
Processing Integration Results

RT: 10.83
Area: 571702
Amount: 10.000000
Amount Units: ppb v/v



Manual Integration Results

RT: 10.83
Area: 544224
Amount: 10.000000
Amount Units: ppb v/v



Reviewer: D7um, 05-May-2026 08:53:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-286279-1

SDG No.:

Client Sample ID: 3563 Lab Sample ID: 410-286279-1

Matrix: Air Lab File ID: 7Y28X16.D

Analysis Method: TO-15 Date Collected: 05/28/2026 15:27

Sample wt/vol: 200(mL) Date Analyzed: 05/28/2026 22:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 825169 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-286279-1

SDG No.:

Client Sample ID: 3563 Lab Sample ID: 410-286279-1

Matrix: Air Lab File ID: 7Y28X16.D

Analysis Method: TO-15 Date Collected: 05/28/2026 15:27

Sample wt/vol: 200(mL) Date Analyzed: 05/28/2026 22:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 825169 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-286279-1

SDG No.:

Client Sample ID: 3563 Lab Sample ID: 410-286279-1

Matrix: Air Lab File ID: 7Y28X16.D

Analysis Method: TO-15 Date Collected: 05/28/2026 15:27

Sample wt/vol: 200(mL) Date Analyzed: 05/28/2026 22:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 825169 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20260528-188347.b\7Y28X16.D				
Lims ID:	410-286279-A-1				
Client ID:	3563				
Sample Type:	Client				
Inject. Date:	28-May-2026 22:03:29	ALS Bottle#:	6	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc3563				
Misc. Info.:	410-0188347-014				
Operator ID:	al109694	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20260528-188347.b\TO15_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	02-Jun-2026 15:04:32	Calib Date:	06-May-2026 16:57:27		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20260506-185668.b\7Y06X10.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1641				
First Level Reviewer: xu8k		Date:	02-Jun-2026 14:14:43		

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	3.311	3.304	0.007	65	2826	0.1153	
	23 Acetone	43	6.363	6.349	0.014	98	48604	0.8088	
*	35 Chlorobromomethane (IS)	130	9.593	9.594	-0.001	95	539843	10.0	
	46 Benzene	78	10.596	10.575	0.021	1	8420	0.0668	
*	50 1,4-Difluorobenzene	114	11.198	11.198	0.000	95	1771954	10.0	
*	68 Chlorobenzene-d5 (IS)	117	14.457	14.457	0.000	87	1664705	10.0	

QC Flag Legend

Processing Flags

Reagents:

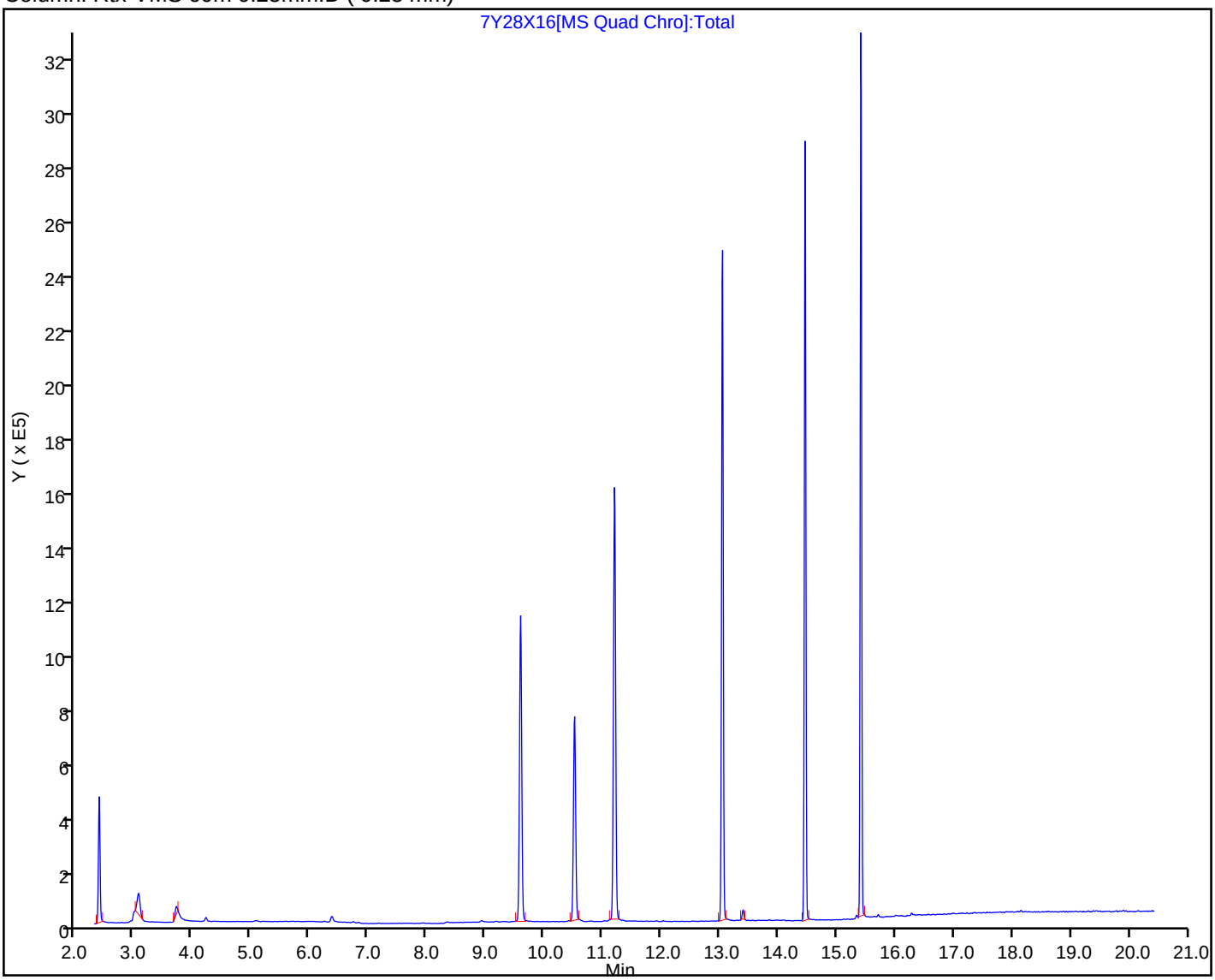
AIRIS200 ppb_00718 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 02-Jun-2026 15:09:17 Chrom Revision: 2.3 19-May-2026 18:33:24

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20260528-188347.b\7Y28X16.D				
Injection Date:	28-May-2026 22:03:29	Instrument ID:	HP8R004		
Lims ID:	410-286279-A-1	Lab Sample ID:	410-286279-1		
Client ID:	3563				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



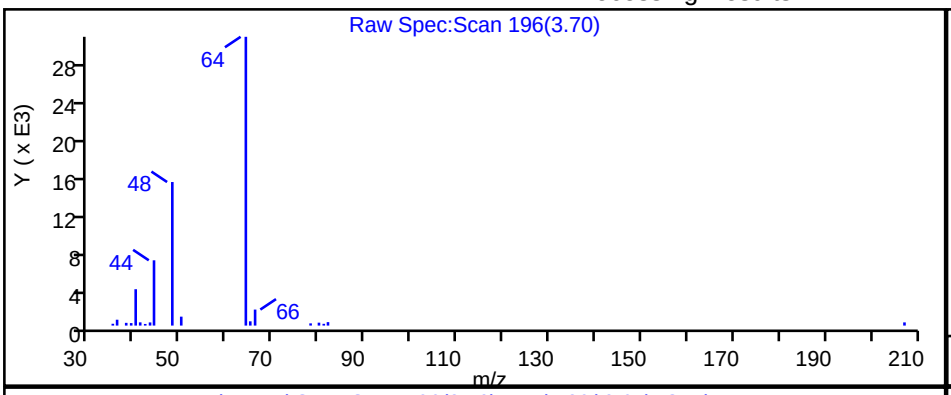
User Disabled Compound Report

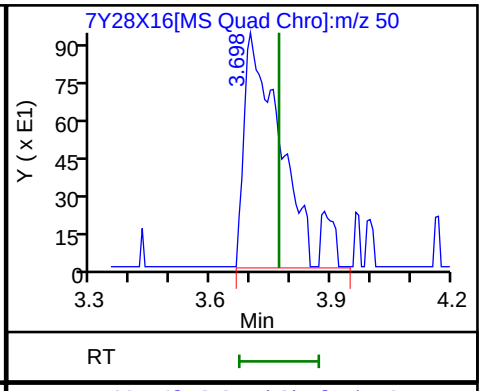
Eurofins Lancaster Laboratories Environment Testing, LLC

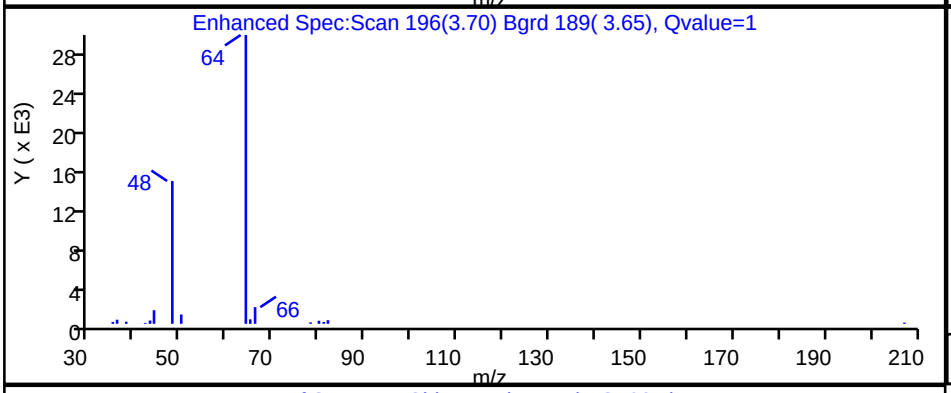
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Injection Date:	28-May-2026 22:03:29	Instrument ID:	HP8R004		
Lims ID:	410-286279-A-1	Lab Sample ID:	410-286279-1		
Client ID:	3563				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

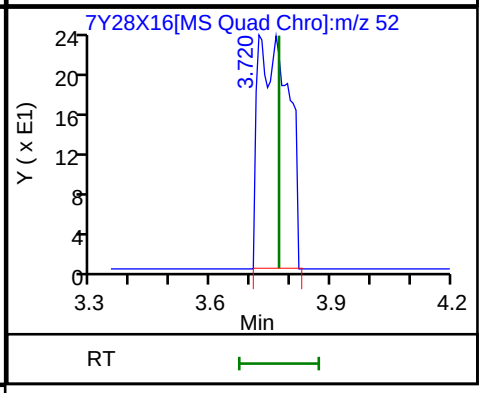
5 Chloromethane, CAS: 74-87-3

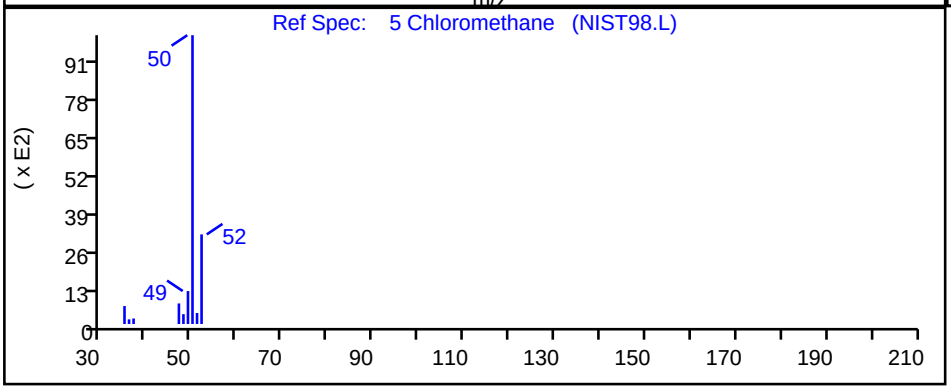
Processing Results











RT	Mass	Response	Amount
3.70	50.00	6217	0.174142
3.72	52.00	1259	

Reviewer: xu8k, 02-Jun-2026 14:13:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

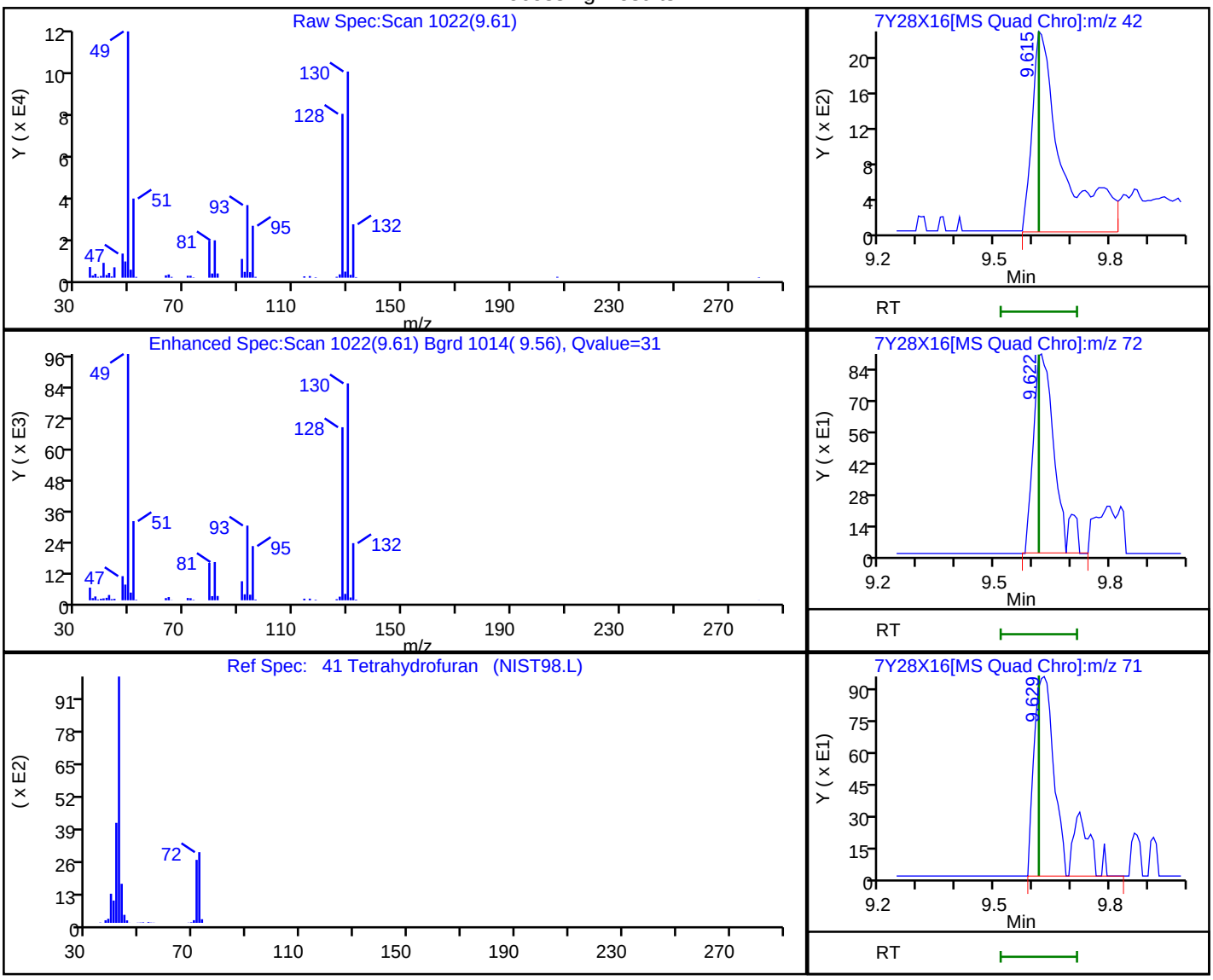
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20260528-188347.b\7Y28X16.D				
Injection Date:	28-May-2026 22:03:29	Instrument ID:	HP8R004		
Lims ID:	410-286279-A-1	Lab Sample ID:	410-286279-1		
Client ID:	3563				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.61	42.00	12070	0.232418
9.62	72.00	3532	
9.63	71.00	4275	

Reviewer: xu8k, 02-Jun-2026 14:14:03 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Summa Canister Dilution Worksheet

Client: Brydges Engineering in Environment & Ene
Project/Site: 375 Michigan Remedial Investigation

Job No.: 480-240170-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
480-240170-1	6	-10.47	0.65	3.90	9.04	1.61	9.69		2.48	2.48		07/10/26 10:35	L2TN
480-240170-2	6	-4.54	0.85	5.09	10.21	1.69	10.17		2.00	2.00		07/15/26 14:43	L2TN
480-240170-3	6	-4.46	0.85	5.11	10.26	1.70	10.19		2.00	2.00		07/10/26 10:36	L2TN
480-240170-4	6	-4.54	0.85	5.09	10.13	1.69	10.13		1.99	1.99		07/10/26 10:36	L2TN
480-240170-5	6	-2.83	0.91	5.43	11.94	1.81	10.87		2.00	2.00		07/10/26 10:37	L2TN
480-240170-6	6	-5.63	0.81	4.87	9.16	1.62	9.74		2.00	2.00		07/10/26 10:37	L2TN
480-240170-7	6	-3.67	0.88	5.26	10.9	1.74	10.45		1.98	1.99		07/10/26 10:38	L2TN
480-240170-8	6	-5.83	0.81	4.83	8.94	1.61	9.65		2.00	2.00		07/10/26 10:38	L2TN
480-240170-9	6	-4.99	0.83	5.00	9.77	1.66	9.99		2.00	2.00		07/15/26 14:43	L2TN
480-240170-10	6	-5.74	0.81	4.85	8.87	1.60	9.62		1.98	1.98		07/10/26 10:39	L2TN

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo, New York 14213

Generated 7/24/2026 7:38:36 AM

JOB DESCRIPTION

375 Michigan RI - Groundwater

JOB NUMBER

480-240274-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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Authorization



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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-240274-1 Eurofins Buffalo

Job Narrative
480-240274-1

Receipt
The samples were received on 7/9/2026 6:39 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.2º C and 4.6º C.

Receipt Exceptions

All backup containers for water samples received for 1633 PFAS analysis were frozen after receipt.

RI-MW-1 (480-240274-1), RI-MW-1-DUP (480-240274-2), RI-MW-4 (480-240274-3), RI-MW-4 (480-240274-3[MS]) and RI-MW-4 (480-240274-3[MSD])

The following samples were received at the laboratory outside the required temperature criteria: RI-MW-1 (480-240274-1), RI-MW-1-DUP (480-240274-2), RI-MW-4 (480-240274-3), RI-MW-4 (480-240274-3[MS]) and RI-MW-4 (480-240274-3[MSD]). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: The method blank for preparation batch 480-780417 and analytical batch 480-780486 contained gamma-BHC (Lindane) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed. The following associated samples are impacted: RI-MW-1 (480-240274-1), RI-MW-1-DUP (480-240274-2) and RI-MW-4 (480-240274-3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-780571 is outside the acceptance criteria for the following analytes: total Copper, Thallium. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C: The following sample formed emulsions during the extraction procedure: RI-MW-1-DUP (480-240274-2). The emulsions were broken up using a centrifuge.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240274-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.61	J	1.0	0.16	ug/L	1		EPA 8260D	Total/NA
Di-n-butyl phthalate	0.49	J	5.0	0.31	ug/L	1		EPA 8270E	Total/NA
alpha-BHC	0.0098	J	0.050	0.0077	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.015	J B	0.050	0.0080	ug/L	1		8081B	Total/NA
Methoxychlor	0.021	J	0.050	0.014	ug/L	1		8081B	Total/NA
Perfluorobutanoic acid (PFBA)	1.1	J	2.7	0.74	ng/L	1		1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	5.1		1.3	0.34	ng/L	1		1633A	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.41	J	1.3	0.34	ng/L	1		1633A	Total/NA
Aluminum	0.12	J	0.20	0.060	mg/L	1		6010D	Total/NA
Barium	0.070		0.0020	0.00070	mg/L	1		6010D	Total/NA
Cadmium	0.00051	J	0.0020	0.00050	mg/L	1		6010D	Total/NA
Calcium	141		0.50	0.10	mg/L	1		6010D	Total/NA
Chromium	0.0012	J	0.0040	0.0010	mg/L	1		6010D	Total/NA
Iron	0.22		0.050	0.019	mg/L	1		6010D	Total/NA
Lead	0.0045	J	0.010	0.0030	mg/L	1		6010D	Total/NA
Magnesium	137		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.087		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.0030	J	0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	4.2		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	55.5		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.015	B	0.010	0.0015	mg/L	1		6010D	Total/NA
Cyanide, Total	0.010		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	29		10	3.0	ug/L	1		EPA 8260D	Total/NA
Chloromethane	0.43	J	1.0	0.35	ug/L	1		EPA 8260D	Total/NA
Methyl tert-butyl ether	0.46	J	1.0	0.16	ug/L	1		EPA 8260D	Total/NA
Di-n-butyl phthalate	0.45	J	5.0	0.31	ug/L	1		EPA 8270E	Total/NA
gamma-BHC (Lindane)	0.012	J B	0.050	0.0080	ug/L	1		8081B	Total/NA
Perfluorohexanoic acid (PFHxA)	3.2		1.3	0.34	ng/L	1		1633A	Total/NA
Aluminum	1.9		0.20	0.060	mg/L	1		6010D	Total/NA
Barium	0.068		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	137		0.50	0.10	mg/L	1		6010D	Total/NA
Chromium	0.0024	J	0.0040	0.0010	mg/L	1		6010D	Total/NA
Cobalt	0.00080	J	0.0040	0.00063	mg/L	1		6010D	Total/NA
Iron	1.7		0.050	0.019	mg/L	1		6010D	Total/NA
Lead	0.0034	J	0.010	0.0030	mg/L	1		6010D	Total/NA
Magnesium	155		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.10		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.0037	J	0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	4.0		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	52.0		1.0	0.32	mg/L	1		6010D	Total/NA
Vanadium	0.0017	J	0.0050	0.0015	mg/L	1		6010D	Total/NA
Zinc	0.0090	J B	0.010	0.0015	mg/L	1		6010D	Total/NA
Cyanide, Total	0.010		0.010	0.0041	mg/L	1		9012B	Total/NA

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240274-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetophenone	0.80	J	5.0	0.54	ug/L	1		EPA 8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: RI-MW-4 (Continued)

Lab Sample ID: 480-240274-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.67	J F1	5.0	0.31	ug/L	1		EPA 8270E	Total/NA
delta-BHC	0.030	J	0.050	0.010	ug/L	1		8081B	Total/NA
Methoxychlor	0.032	J	0.050	0.014	ug/L	1		8081B	Total/NA
Perfluorobutanoic acid (PFBA)	5.3		2.7	0.74	ng/L	1		1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	3.8		1.3	0.40	ng/L	1		1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	35	F2 F1	1.3	0.34	ng/L	1		1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	1.4	F1	1.3	0.54	ng/L	1		1633A	Total/NA
Perfluorooctanoic acid (PFOA)	1.5	F1	1.3	0.61	ng/L	1		1633A	Total/NA
Perfluorobutanesulfonic acid (PFBS)	0.65	J	1.3	0.34	ng/L	1		1633A	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.62	J	1.3	0.54	ng/L	1		1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.0	J	2.7	0.67	ng/L	1		1633A	Total/NA
Aluminum	1.2		0.20	0.060	mg/L	1		6010D	Total/NA
Arsenic	0.0086	J	0.015	0.0056	mg/L	1		6010D	Total/NA
Barium	0.16		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	104		0.50	0.10	mg/L	1		6010D	Total/NA
Chromium	0.0030	J	0.0040	0.0010	mg/L	1		6010D	Total/NA
Iron	2.4	F1	0.050	0.019	mg/L	1		6010D	Total/NA
Lead	0.0045	J	0.010	0.0030	mg/L	1		6010D	Total/NA
Magnesium	93.2		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.056		0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	3.7		0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	195		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.0089	J B	0.010	0.0015	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240274-1
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/10/26 13:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/10/26 13:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/10/26 13:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/10/26 13:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/10/26 13:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/10/26 13:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/10/26 13:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/10/26 13:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/10/26 13:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/10/26 13:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/10/26 13:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/10/26 13:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/10/26 13:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/10/26 13:14	1
2-Hexanone	ND		5.0	1.2	ug/L			07/10/26 13:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/10/26 13:14	1
Acetone	ND		10	3.0	ug/L			07/10/26 13:14	1
Benzene	ND		1.0	0.41	ug/L			07/10/26 13:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/10/26 13:14	1
Bromoform	ND		1.0	0.26	ug/L			07/10/26 13:14	1
Bromomethane	ND		1.0	0.69	ug/L			07/10/26 13:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/10/26 13:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/10/26 13:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/10/26 13:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/10/26 13:14	1
Chloroethane	ND		1.0	0.32	ug/L			07/10/26 13:14	1
Chloroform	ND		1.0	0.34	ug/L			07/10/26 13:14	1
Chloromethane	ND		1.0	0.35	ug/L			07/10/26 13:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/10/26 13:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/10/26 13:14	1
Cyclohexane	ND		1.0	0.18	ug/L			07/10/26 13:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/10/26 13:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/10/26 13:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/10/26 13:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/10/26 13:14	1
Methyl acetate	ND		2.5	1.3	ug/L			07/10/26 13:14	1
Methyl tert-butyl ether	**0.61**	**J**	1.0	0.16	ug/L			07/10/26 13:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/10/26 13:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/10/26 13:14	1
Styrene	ND		1.0	0.73	ug/L			07/10/26 13:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/10/26 13:14	1
Toluene	ND		1.0	0.51	ug/L			07/10/26 13:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/10/26 13:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/10/26 13:14	1
Trichloroethene	ND		1.0	0.46	ug/L			07/10/26 13:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/10/26 13:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/10/26 13:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/10/26 13:14	1

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240274-1

Date Collected: 07/09/26 00:00
Matrix: Water

Date Received: 07/09/26 18:39

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*07/10/26 13:14*	*1*

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/10/26 13:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*07/10/26 13:14*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/10/26 13:14*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*07/10/26 13:14*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.19	0.052	ug/L		07/10/26 13:30	07/13/26 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	*49*		*15 - 155*	*07/10/26 13:30*	*07/13/26 19:00*	*1*
Nitrobenzene-d5 (Surr)	*83*		*41 - 161*	*07/10/26 13:30*	*07/13/26 19:00*	*1*
2-Fluorobiphenyl (Surr)	*72*		*32 - 151*	*07/10/26 13:30*	*07/13/26 19:00*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/13/26 06:56	07/14/26 21:42	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/13/26 06:56	07/14/26 21:42	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/14/26 21:42	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/13/26 06:56	07/14/26 21:42	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 21:42	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/13/26 06:56	07/14/26 21:42	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 21:42	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 21:42	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 21:42	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/13/26 06:56	07/14/26 21:42	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/13/26 06:56	07/14/26 21:42	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 21:42	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/13/26 06:56	07/14/26 21:42	1
2-Nitroaniline	ND		10	0.42	ug/L		07/13/26 06:56	07/14/26 21:42	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/14/26 21:42	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 21:42	1
3-Nitroaniline	ND		10	0.48	ug/L		07/13/26 06:56	07/14/26 21:42	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 21:42	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 21:42	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 21:42	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 21:42	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 21:42	1
4-Methylphenol	ND		10	0.36	ug/L		07/13/26 06:56	07/14/26 21:42	1
4-Nitroaniline	ND		10	0.25	ug/L		07/13/26 06:56	07/14/26 21:42	1
4-Nitrophenol	ND		10	1.5	ug/L		07/13/26 06:56	07/14/26 21:42	1
Acenaphthene	ND		5.0	0.41	ug/L		07/13/26 06:56	07/14/26 21:42	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/13/26 06:56	07/14/26 21:42	1
Acetophenone	ND		5.0	0.54	ug/L		07/13/26 06:56	07/14/26 21:42	1
Anthracene	ND		5.0	0.28	ug/L		07/13/26 06:56	07/14/26 21:42	1
Atrazine	ND		5.0	0.46	ug/L		07/13/26 06:56	07/14/26 21:42	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/13/26 06:56	07/14/26 21:42	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 21:42	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240274-1
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 21:42	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/14/26 21:42	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 21:42	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/26 06:56	07/14/26 21:42	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 21:42	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 21:42	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/13/26 06:56	07/14/26 21:42	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/13/26 06:56	07/14/26 21:42	1
Caprolactam	ND		5.0	2.2	ug/L		07/13/26 06:56	07/14/26 21:42	1
Carbazole	ND		5.0	0.30	ug/L		07/13/26 06:56	07/14/26 21:42	1
Chrysene	ND		5.0	0.33	ug/L		07/13/26 06:56	07/14/26 21:42	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/13/26 06:56	07/14/26 21:42	1
Di-n-butyl phthalate	**0.49**	**J**	5.0	0.31	ug/L		07/13/26 06:56	07/14/26 21:42	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 21:42	1
Dibenzofuran	ND		10	0.51	ug/L		07/13/26 06:56	07/14/26 21:42	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/13/26 06:56	07/14/26 21:42	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 21:42	1
Fluoranthene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 21:42	1
Fluorene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 21:42	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 21:42	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/13/26 06:56	07/14/26 21:42	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 21:42	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 21:42	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 21:42	1
Isophorone	ND		5.0	0.43	ug/L		07/13/26 06:56	07/14/26 21:42	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/13/26 06:56	07/14/26 21:42	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 21:42	1
Naphthalene	ND		5.0	0.76	ug/L		07/13/26 06:56	07/14/26 21:42	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/13/26 06:56	07/14/26 21:42	1
Pentachlorophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 21:42	1
Phenanthrene	ND		5.0	0.44	ug/L		07/13/26 06:56	07/14/26 21:42	1
Phenol	ND		5.0	0.39	ug/L		07/13/26 06:56	07/14/26 21:42	1
Pyrene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/14/26 21:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*10*	*T J*	*ug/L*		*4.87*	*N/A*	*07/13/26 06:56*	*07/14/26 21:42*	*1*
2-Propanol, 1-butoxy-	*13*	*T J N*	*ug/L*		*5.72*	*5131-66-8*	*07/13/26 06:56*	*07/14/26 21:42*	*1*
Unknown	*5.5*	*T J*	*ug/L*		*6.26*	*N/A*	*07/13/26 06:56*	*07/14/26 21:42*	*1*
Benzenemethanol, .alpha.,.alpha.-dimethyl-	*13*	*T J N*	*ug/L*		*6.86*	*617-94-7*	*07/13/26 06:56*	*07/14/26 21:42*	*1*
Unknown	*16*	*T J*	*ug/L*		*7.71*	*N/A*	*07/13/26 06:56*	*07/14/26 21:42*	*1*
2-Propanol, 1-(2-butoxy-1-methylethoxy)-	*15*	*T J N*	*ug/L*		*7.74*	*29911-28-2*	*07/13/26 06:56*	*07/14/26 21:42*	*1*
Unknown	*16*	*T J*	*ug/L*		*7.81*	*N/A*	*07/13/26 06:56*	*07/14/26 21:42*	*1*
Unknown	*2.8*	*T J*	*ug/L*		*8.10*	*N/A*	*07/13/26 06:56*	*07/14/26 21:42*	*1*
Unknown	*8.0*	*T J*	*ug/L*		*10.63*	*N/A*	*07/13/26 06:56*	*07/14/26 21:42*	*1*
Unknown	*3.9*	*T J*	*ug/L*		*11.34*	*N/A*	*07/13/26 06:56*	*07/14/26 21:42*	*1*
Unknown	*30*	*T J*	*ug/L*		*11.84*	*N/A*	*07/13/26 06:56*	*07/14/26 21:42*	*1*
Unknown	*5.9*	*T J*	*ug/L*		*12.53*	*N/A*	*07/13/26 06:56*	*07/14/26 21:42*	*1*
Unknown	*11*	*T J*	*ug/L*		*12.97*	*N/A*	*07/13/26 06:56*	*07/14/26 21:42*	*1*

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240274-1
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	2.1	T J	ug/L		13.38	N/A	07/13/26 06:56	07/14/26 21:42	1
Unknown	15	T J	ug/L		14.03	N/A	07/13/26 06:56	07/14/26 21:42	1
Unknown	2.9	T J	ug/L		14.43	N/A	07/13/26 06:56	07/14/26 21:42	1
Unknown	30	T J	ug/L		14.70	N/A	07/13/26 06:56	07/14/26 21:42	1
Unknown	6.0	T J	ug/L		15.61	N/A	07/13/26 06:56	07/14/26 21:42	1
Unknown	32	T J	ug/L		15.97	N/A	07/13/26 06:56	07/14/26 21:42	1
Unknown	4.5	T J	ug/L		17.70	N/A	07/13/26 06:56	07/14/26 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	78		29 - 129	07/13/26 06:56	07/14/26 21:42	1
Phenol-d5 (Surr)	42		10 - 120	07/13/26 06:56	07/14/26 21:42	1
p-Terphenyl-d14 (Surr)	81		33 - 132	07/13/26 06:56	07/14/26 21:42	1
2,4,6-Tribromophenol (Surr)	110		25 - 144	07/13/26 06:56	07/14/26 21:42	1
2-Fluorobiphenyl (Surr)	98		53 - 126	07/13/26 06:56	07/14/26 21:42	1
2-Fluorophenol (Surr)	62		24 - 120	07/13/26 06:56	07/14/26 21:42	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/10/26 13:13	07/13/26 10:59	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/10/26 13:13	07/13/26 10:59	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/10/26 13:13	07/13/26 10:59	1
Aldrin	ND		0.050	0.0081	ug/L		07/10/26 13:13	07/13/26 10:59	1
alpha-BHC	**0.0098**	**J**	0.050	0.0077	ug/L		07/10/26 13:13	07/13/26 10:59	1
cis-Chlordane	ND		0.050	0.015	ug/L		07/10/26 13:13	07/13/26 10:59	1
beta-BHC	ND		0.050	0.025	ug/L		07/10/26 13:13	07/13/26 10:59	1
delta-BHC	ND		0.050	0.010	ug/L		07/10/26 13:13	07/13/26 10:59	1
Dieldrin	ND		0.050	0.0098	ug/L		07/10/26 13:13	07/13/26 10:59	1
Endosulfan I	ND		0.050	0.011	ug/L		07/10/26 13:13	07/13/26 10:59	1
Endosulfan II	ND		0.050	0.012	ug/L		07/10/26 13:13	07/13/26 10:59	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/10/26 13:13	07/13/26 10:59	1
Endrin	ND		0.050	0.014	ug/L		07/10/26 13:13	07/13/26 10:59	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/10/26 13:13	07/13/26 10:59	1
Endrin ketone	ND		0.050	0.012	ug/L		07/10/26 13:13	07/13/26 10:59	1
gamma-BHC (Lindane)	**0.015**	**J B**	0.050	0.0080	ug/L		07/10/26 13:13	07/13/26 10:59	1
trans-Chlordane	ND		0.050	0.011	ug/L		07/10/26 13:13	07/13/26 10:59	1
Heptachlor	ND		0.050	0.0085	ug/L		07/10/26 13:13	07/13/26 10:59	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/10/26 13:13	07/13/26 10:59	1
Methoxychlor	**0.021**	**J**	0.050	0.014	ug/L		07/10/26 13:13	07/13/26 10:59	1
Toxaphene	ND		0.50	0.12	ug/L		07/10/26 13:13	07/13/26 10:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		10 - 120	07/10/26 13:13	07/13/26 10:59	1
DCB Decachlorobiphenyl	63		10 - 120	07/10/26 13:13	07/13/26 10:59	1
Tetrachloro-m-xylene	101		10 - 120	07/10/26 13:13	07/13/26 10:59	1
Tetrachloro-m-xylene	97		10 - 120	07/10/26 13:13	07/13/26 10:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 15:54	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 15:54	1

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240274-1
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 15:54	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 15:54	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 15:54	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 15:54	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*10 - 145*	*07/13/26 06:39*	*07/13/26 15:54*	*1*
Tetrachloro-m-xylene	*80*		*10 - 145*	*07/13/26 06:39*	*07/13/26 15:54*	*1*
DCB Decachlorobiphenyl	*58*		*10 - 123*	*07/13/26 06:39*	*07/13/26 15:54*	*1*
DCB Decachlorobiphenyl	*54*		*10 - 123*	*07/13/26 06:39*	*07/13/26 15:54*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**1.1**	**J**	2.7	0.74	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluoropentanoic acid (PFPeA)	ND		1.3	0.40	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorohexanoic acid (PFHxA)	**5.1**		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluoroheptanoic acid (PFHpA)	ND		1.3	0.54	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorooctanoic acid (PFOA)	ND		1.3	0.61	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorononanoic acid (PFNA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorodecanoic acid (PFDA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluoroundecanoic acid (PFUnA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorododecanoic acid (PFDoA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorobutanesulfonic acid (PFBS)	**0.41**	**J**	1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.3	0.54	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.3	0.88	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorononanesulfonic acid (PFNS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.3	0.40	ng/L		07/17/26 07:43	07/22/26 17:57	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.7	0.67	ng/L		07/17/26 07:43	07/22/26 17:57	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.7	0.67	ng/L		07/17/26 07:43	07/22/26 17:57	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.7	0.67	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.3	0.74	ng/L		07/17/26 07:43	07/22/26 17:57	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240274-1
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		6.7	2.7	ng/L		07/17/26 07:43	07/22/26 17:57	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		6.7	2.7	ng/L		07/17/26 07:43	07/22/26 17:57	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.3	0.94	ng/L		07/17/26 07:43	07/22/26 17:57	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 17:57	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.7	0.67	ng/L		07/17/26 07:43	07/22/26 17:57	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		6.7	1.9	ng/L		07/17/26 07:43	07/22/26 17:57	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		6.7	1.7	ng/L		07/17/26 07:43	07/22/26 17:57	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*81.4*		*5 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C5 PFPeA	*94.9*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C5 PFHxA	*88.2*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C4 PFHpA	*92.3*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C8 PFOA	*81.3*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C9 PFNA	*73.7*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C6 PFDA	*63.2*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C7 PFUnA	*57.8*		*30 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C2 PFTeDA	*50.1*		*10 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C3 PFBS	*82.5*		*40 - 135*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C3 PFHxS	*73.3*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C8 PFOS	*62.5*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C8 FOSA	*61.2*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
d3-NMeFOSAA	*67.0*		*40 - 170*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
d5-NEtFOSAA	*62.7*		*25 - 135*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C2 4:2 FTS	*128*		*40 - 200*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C2 6:2 FTS	*89.9*		*40 - 200*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C2 8:2 FTS	*92.9*		*40 - 300*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C3 HFPO-DA	*90.5*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
d7-N-MeFOSE-M	*37.6*		*10 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
d9-N-EtFOSE-M	*34.3*		*10 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
d5-NEtPFOSA	*53.6*		*10 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
d3-NMePFOSA	*60.0*		*10 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C2 PFDoA	*52.8*		*10 - 130*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C3-3:3 FTCA	*113*		*20 - 150*	*07/17/26 07:43*	*07/22/26 17:57*	*1*

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240274-1
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3-5:3 FTCA	*80.6*		*20 - 150*	*07/17/26 07:43*	*07/22/26 17:57*	*1*
13C3-PFDoS	*47.4*		*20 - 150*	*07/17/26 07:43*	*07/22/26 17:57*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.12**	**J**	0.20	0.060	mg/L		07/13/26 08:44	07/13/26 14:31	1
Antimony	ND		0.020	0.0068	mg/L		07/13/26 08:44	07/13/26 14:31	1
Arsenic	ND		0.015	0.0056	mg/L		07/13/26 08:44	07/13/26 14:31	1
Barium	**0.070**		0.0020	0.00070	mg/L		07/13/26 08:44	07/13/26 14:31	1
Beryllium	ND		0.0020	0.00030	mg/L		07/13/26 08:44	07/13/26 14:31	1
Cadmium	**0.00051**	**J**	0.0020	0.00050	mg/L		07/13/26 08:44	07/13/26 14:31	1
Calcium	**141**		0.50	0.10	mg/L		07/13/26 08:44	07/13/26 14:31	1
Chromium	**0.0012**	**J**	0.0040	0.0010	mg/L		07/13/26 08:44	07/13/26 14:31	1
Cobalt	ND		0.0040	0.00063	mg/L		07/13/26 08:44	07/13/26 14:31	1
Copper	ND	^5+	0.010	0.0016	mg/L		07/13/26 08:44	07/13/26 14:31	1
Iron	**0.22**		0.050	0.019	mg/L		07/13/26 08:44	07/13/26 14:31	1
Lead	**0.0045**	**J**	0.010	0.0030	mg/L		07/13/26 08:44	07/13/26 14:31	1
Magnesium	**137**		0.20	0.043	mg/L		07/13/26 08:44	07/13/26 14:31	1
Manganese	**0.087**		0.0030	0.00040	mg/L		07/13/26 08:44	07/13/26 14:31	1
Nickel	**0.0030**	**J**	0.010	0.0013	mg/L		07/13/26 08:44	07/13/26 14:31	1
Potassium	**4.2**		0.50	0.10	mg/L		07/13/26 08:44	07/13/26 14:31	1
Selenium	ND		0.025	0.0087	mg/L		07/13/26 08:44	07/13/26 14:31	1
Silver	ND		0.0060	0.0017	mg/L		07/13/26 08:44	07/13/26 14:31	1
Sodium	**55.5**		1.0	0.32	mg/L		07/13/26 08:44	07/13/26 14:31	1
Thallium	ND	^5+	0.020	0.010	mg/L		07/13/26 08:44	07/13/26 14:31	1
Vanadium	ND		0.0050	0.0015	mg/L		07/13/26 08:44	07/13/26 14:31	1
Zinc	**0.015**	**B**	0.010	0.0015	mg/L		07/13/26 08:44	07/13/26 14:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		07/14/26 12:20	07/14/26 16:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.010**		0.010	0.0041	mg/L			07/22/26 17:29	1

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/10/26 13:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/10/26 13:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/10/26 13:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/10/26 13:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/10/26 13:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/10/26 13:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/10/26 13:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/10/26 13:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/10/26 13:36	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/10/26 13:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/10/26 13:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/10/26 13:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/10/26 13:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/10/26 13:36	1
2-Hexanone	ND		5.0	1.2	ug/L			07/10/26 13:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/10/26 13:36	1
Acetone	**29**		10	3.0	ug/L			07/10/26 13:36	1
Benzene	ND		1.0	0.41	ug/L			07/10/26 13:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/10/26 13:36	1
Bromoform	ND		1.0	0.26	ug/L			07/10/26 13:36	1
Bromomethane	ND		1.0	0.69	ug/L			07/10/26 13:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/10/26 13:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/10/26 13:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/10/26 13:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/10/26 13:36	1
Chloroethane	ND		1.0	0.32	ug/L			07/10/26 13:36	1
Chloroform	ND		1.0	0.34	ug/L			07/10/26 13:36	1
Chloromethane	**0.43**	**J**	1.0	0.35	ug/L			07/10/26 13:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/10/26 13:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/10/26 13:36	1
Cyclohexane	ND		1.0	0.18	ug/L			07/10/26 13:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/10/26 13:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/10/26 13:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/10/26 13:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/10/26 13:36	1
Methyl acetate	ND		2.5	1.3	ug/L			07/10/26 13:36	1
Methyl tert-butyl ether	**0.46**	**J**	1.0	0.16	ug/L			07/10/26 13:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/10/26 13:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/10/26 13:36	1
Styrene	ND		1.0	0.73	ug/L			07/10/26 13:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/10/26 13:36	1
Toluene	ND		1.0	0.51	ug/L			07/10/26 13:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/10/26 13:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/10/26 13:36	1
Trichloroethene	ND		1.0	0.46	ug/L			07/10/26 13:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/10/26 13:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/10/26 13:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/10/26 13:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*07/10/26 13:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/10/26 13:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*07/10/26 13:36*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*07/10/26 13:36*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*07/10/26 13:36*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.19	0.052	ug/L		07/10/26 13:30	07/13/26 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*54*		*15 - 155*	*07/10/26 13:30*	*07/13/26 19:30*	*1*
Nitrobenzene-d5 (Surr)	*79*		*41 - 161*	*07/10/26 13:30*	*07/13/26 19:30*	*1*
2-Fluorobiphenyl (Surr)	*72*		*32 - 151*	*07/10/26 13:30*	*07/13/26 19:30*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/13/26 06:56	07/14/26 22:09	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/13/26 06:56	07/14/26 22:09	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/14/26 22:09	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/13/26 06:56	07/14/26 22:09	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 22:09	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/13/26 06:56	07/14/26 22:09	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 22:09	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 22:09	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 22:09	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/13/26 06:56	07/14/26 22:09	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/13/26 06:56	07/14/26 22:09	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 22:09	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/13/26 06:56	07/14/26 22:09	1
2-Nitroaniline	ND		10	0.42	ug/L		07/13/26 06:56	07/14/26 22:09	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/14/26 22:09	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 22:09	1
3-Nitroaniline	ND		10	0.48	ug/L		07/13/26 06:56	07/14/26 22:09	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 22:09	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 22:09	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 22:09	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 22:09	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 22:09	1
4-Methylphenol	ND		10	0.36	ug/L		07/13/26 06:56	07/14/26 22:09	1
4-Nitroaniline	ND		10	0.25	ug/L		07/13/26 06:56	07/14/26 22:09	1
4-Nitrophenol	ND		10	1.5	ug/L		07/13/26 06:56	07/14/26 22:09	1
Acenaphthene	ND		5.0	0.41	ug/L		07/13/26 06:56	07/14/26 22:09	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/13/26 06:56	07/14/26 22:09	1
Acetophenone	ND		5.0	0.54	ug/L		07/13/26 06:56	07/14/26 22:09	1
Anthracene	ND		5.0	0.28	ug/L		07/13/26 06:56	07/14/26 22:09	1
Atrazine	ND		5.0	0.46	ug/L		07/13/26 06:56	07/14/26 22:09	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/13/26 06:56	07/14/26 22:09	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 22:09	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 22:09	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/14/26 22:09	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 22:09	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/26 06:56	07/14/26 22:09	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 22:09	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 22:09	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/13/26 06:56	07/14/26 22:09	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/13/26 06:56	07/14/26 22:09	1
Caprolactam	ND		5.0	2.2	ug/L		07/13/26 06:56	07/14/26 22:09	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	ND		5.0	0.30	ug/L		07/13/26 06:56	07/14/26 22:09	1
Chrysene	ND		5.0	0.33	ug/L		07/13/26 06:56	07/14/26 22:09	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/13/26 06:56	07/14/26 22:09	1
Di-n-butyl phthalate	**0.45**	**J**	5.0	0.31	ug/L		07/13/26 06:56	07/14/26 22:09	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 22:09	1
Dibenzofuran	ND		10	0.51	ug/L		07/13/26 06:56	07/14/26 22:09	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/13/26 06:56	07/14/26 22:09	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 22:09	1
Fluoranthene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 22:09	1
Fluorene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 22:09	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 22:09	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/13/26 06:56	07/14/26 22:09	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 22:09	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 22:09	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 22:09	1
Isophorone	ND		5.0	0.43	ug/L		07/13/26 06:56	07/14/26 22:09	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/13/26 06:56	07/14/26 22:09	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 22:09	1
Naphthalene	ND		5.0	0.76	ug/L		07/13/26 06:56	07/14/26 22:09	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/13/26 06:56	07/14/26 22:09	1
Pentachlorophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 22:09	1
Phenanthrene	ND		5.0	0.44	ug/L		07/13/26 06:56	07/14/26 22:09	1
Phenol	ND		5.0	0.39	ug/L		07/13/26 06:56	07/14/26 22:09	1
Pyrene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/14/26 22:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*26*	*T J*	*ug/L*		*4.88*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
2-Propanol, 1-butoxy-	*2.7*	*T J N*	*ug/L*		*5.72*	*5131-66-8*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
2-Propanol, 1-[1-methyl-2-(2-propenyloxy)ethoxy]-	*2.8*	*T J N*	*ug/L*		*7.72*	*55956-25-7*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
1-Propanol, 2,2'-oxybis-	*2.6*	*T J N*	*ug/L*		*7.74*	*108-61-2*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*3.4*	*T J*	*ug/L*		*7.81*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*7.2*	*T J*	*ug/L*		*10.63*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*4.1*	*T J*	*ug/L*		*11.34*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*38*	*T J*	*ug/L*		*11.83*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*5.3*	*T J*	*ug/L*		*12.53*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*10*	*T J*	*ug/L*		*12.96*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*2.2*	*T J*	*ug/L*		*13.38*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*11*	*T J*	*ug/L*		*14.04*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*3.1*	*T J*	*ug/L*		*14.43*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*40*	*T J*	*ug/L*		*14.70*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*38*	*T J*	*ug/L*		*15.05*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*7.5*	*T J*	*ug/L*		*15.61*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*1.8*	*T J*	*ug/L*		*15.86*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*40*	*T J*	*ug/L*		*15.96*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Unknown	*2.7*	*T J*	*ug/L*		*17.70*	*N/A*	*07/13/26 06:56*	*07/14/26 22:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*83*		*29 - 129*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
Phenol-d5 (Surr)	*44*		*10 - 120*	*07/13/26 06:56*	*07/14/26 22:09*	*1*

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*85*		*33 - 132*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
2,4,6-Tribromophenol (Surr)	*108*		*25 - 144*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
2-Fluorobiphenyl (Surr)	*98*		*53 - 126*	*07/13/26 06:56*	*07/14/26 22:09*	*1*
2-Fluorophenol (Surr)	*65*		*24 - 120*	*07/13/26 06:56*	*07/14/26 22:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/10/26 13:13	07/13/26 11:19	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/10/26 13:13	07/13/26 11:19	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/10/26 13:13	07/13/26 11:19	1
Aldrin	ND		0.050	0.0081	ug/L		07/10/26 13:13	07/13/26 11:19	1
alpha-BHC	ND		0.050	0.0077	ug/L		07/10/26 13:13	07/13/26 11:19	1
cis-Chlordane	ND		0.050	0.015	ug/L		07/10/26 13:13	07/13/26 11:19	1
beta-BHC	ND		0.050	0.025	ug/L		07/10/26 13:13	07/13/26 11:19	1
delta-BHC	ND		0.050	0.010	ug/L		07/10/26 13:13	07/13/26 11:19	1
Dieldrin	ND		0.050	0.0098	ug/L		07/10/26 13:13	07/13/26 11:19	1
Endosulfan I	ND		0.050	0.011	ug/L		07/10/26 13:13	07/13/26 11:19	1
Endosulfan II	ND		0.050	0.012	ug/L		07/10/26 13:13	07/13/26 11:19	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/10/26 13:13	07/13/26 11:19	1
Endrin	ND		0.050	0.014	ug/L		07/10/26 13:13	07/13/26 11:19	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/10/26 13:13	07/13/26 11:19	1
Endrin ketone	ND		0.050	0.012	ug/L		07/10/26 13:13	07/13/26 11:19	1
gamma-BHC (Lindane)	**0.012**	**J B**	0.050	0.0080	ug/L		07/10/26 13:13	07/13/26 11:19	1
trans-Chlordane	ND		0.050	0.011	ug/L		07/10/26 13:13	07/13/26 11:19	1
Heptachlor	ND		0.050	0.0085	ug/L		07/10/26 13:13	07/13/26 11:19	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/10/26 13:13	07/13/26 11:19	1
Methoxychlor	ND		0.050	0.014	ug/L		07/10/26 13:13	07/13/26 11:19	1
Toxaphene	ND		0.50	0.12	ug/L		07/10/26 13:13	07/13/26 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*		*10 - 120*	*07/10/26 13:13*	*07/13/26 11:19*	*1*
DCB Decachlorobiphenyl	*52*		*10 - 120*	*07/10/26 13:13*	*07/13/26 11:19*	*1*
Tetrachloro-m-xylene	*102*		*10 - 120*	*07/10/26 13:13*	*07/13/26 11:19*	*1*
Tetrachloro-m-xylene	*104*		*10 - 120*	*07/10/26 13:13*	*07/13/26 11:19*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 16:12	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 16:12	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 16:12	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 16:12	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 16:12	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 16:12	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*65*		*10 - 145*	*07/13/26 06:39*	*07/13/26 16:12*	*1*
Tetrachloro-m-xylene	*63*		*10 - 145*	*07/13/26 06:39*	*07/13/26 16:12*	*1*
DCB Decachlorobiphenyl	*34*		*10 - 123*	*07/13/26 06:39*	*07/13/26 16:12*	*1*
DCB Decachlorobiphenyl	*32*		*10 - 123*	*07/13/26 06:39*	*07/13/26 16:12*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.7	0.74	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluoropentanoic acid (PFPeA)	ND		1.3	0.40	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorohexanoic acid (PFHxA)	**3.2**		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluoroheptanoic acid (PFHpA)	ND		1.3	0.54	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorooctanoic acid (PFOA)	ND		1.3	0.61	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorononanoic acid (PFNA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorodecanoic acid (PFDA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluoroundecanoic acid (PFUnA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorododecanoic acid (PFDoA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.3	0.54	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.3	0.87	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorononanesulfonic acid (PFNS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.3	0.40	ng/L		07/17/26 07:43	07/23/26 02:10	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.7	0.67	ng/L		07/17/26 07:43	07/23/26 02:10	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.7	0.67	ng/L		07/17/26 07:43	07/23/26 02:10	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.7	0.67	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.3	0.74	ng/L		07/17/26 07:43	07/23/26 02:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		6.7	2.7	ng/L		07/17/26 07:43	07/23/26 02:10	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		6.7	2.7	ng/L		07/17/26 07:43	07/23/26 02:10	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.3	0.94	ng/L		07/17/26 07:43	07/23/26 02:10	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/23/26 02:10	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.7	0.67	ng/L		07/17/26 07:43	07/23/26 02:10	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		6.7	1.9	ng/L		07/17/26 07:43	07/23/26 02:10	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		6.7	1.7	ng/L		07/17/26 07:43	07/23/26 02:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.2*		*5 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C5 PFPeA	*88.8*		*40 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C5 PFHxA	*84.2*		*40 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C4 PFHpA	*94.1*		*40 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C8 PFOA	*83.2*		*40 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C9 PFNA	*91.2*		*40 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C6 PFDA	*81.3*		*40 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C7 PFUnA	*76.9*		*30 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C2 PFTeDA	*64.3*		*10 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C3 PFBS	*85.1*		*40 - 135*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C3 PFHxS	*87.9*		*40 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C8 PFOS	*82.3*		*40 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C8 FOSA	*64.5*		*40 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
d3-NMeFOSAA	*77.7*		*40 - 170*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
d5-NEtFOSAA	*69.7*		*25 - 135*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C2 4:2 FTS	*92.5*		*40 - 200*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C2 6:2 FTS	*87.0*		*40 - 200*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C2 8:2 FTS	*65.7*		*40 - 300*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C3 HFPO-DA	*84.0*		*40 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
d7-N-MeFOSE-M	*38.0*		*10 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
d9-N-EtFOSE-M	*34.9*		*10 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
d5-NEtPFOSA	*56.8*		*10 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
d3-NMePFOSA	*64.8*		*10 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C2 PFDoA	*69.6*		*10 - 130*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C3-3:3 FTCA	*102*		*20 - 150*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C3-5:3 FTCA	*96.6*		*20 - 150*	*07/17/26 07:43*	*07/23/26 02:10*	*1*
13C3-PFDoS	*57.2*		*20 - 150*	*07/17/26 07:43*	*07/23/26 02:10*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.9**		0.20	0.060	mg/L		07/13/26 08:44	07/13/26 14:33	1
Antimony	ND		0.020	0.0068	mg/L		07/13/26 08:44	07/13/26 14:33	1
Arsenic	ND		0.015	0.0056	mg/L		07/13/26 08:44	07/13/26 14:33	1
Barium	**0.068**		0.0020	0.00070	mg/L		07/13/26 08:44	07/13/26 14:33	1
Beryllium	ND		0.0020	0.00030	mg/L		07/13/26 08:44	07/13/26 14:33	1
Cadmium	ND		0.0020	0.00050	mg/L		07/13/26 08:44	07/13/26 14:33	1
Calcium	**137**		0.50	0.10	mg/L		07/13/26 08:44	07/13/26 14:33	1
Chromium	**0.0024**	**J**	0.0040	0.0010	mg/L		07/13/26 08:44	07/13/26 14:33	1
Cobalt	**0.00080**	**J**	0.0040	0.00063	mg/L		07/13/26 08:44	07/13/26 14:33	1
Copper	ND	^5+	0.010	0.0016	mg/L		07/13/26 08:44	07/13/26 14:33	1

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.7**		0.050	0.019	mg/L		07/13/26 08:44	07/13/26 14:33	1
Lead	**0.0034**	**J**	0.010	0.0030	mg/L		07/13/26 08:44	07/13/26 14:33	1
Magnesium	**155**		0.20	0.043	mg/L		07/13/26 08:44	07/13/26 14:33	1
Manganese	**0.10**		0.0030	0.00040	mg/L		07/13/26 08:44	07/13/26 14:33	1
Nickel	**0.0037**	**J**	0.010	0.0013	mg/L		07/13/26 08:44	07/13/26 14:33	1
Potassium	**4.0**		0.50	0.10	mg/L		07/13/26 08:44	07/13/26 14:33	1
Selenium	ND		0.025	0.0087	mg/L		07/13/26 08:44	07/13/26 14:33	1
Silver	ND		0.0060	0.0017	mg/L		07/13/26 08:44	07/13/26 14:33	1
Sodium	**52.0**		1.0	0.32	mg/L		07/13/26 08:44	07/13/26 14:33	1
Thallium	ND	^5+	0.020	0.010	mg/L		07/13/26 08:44	07/13/26 14:33	1
Vanadium	**0.0017**	**J**	0.0050	0.0015	mg/L		07/13/26 08:44	07/13/26 14:33	1
Zinc	**0.0090**	**J B**	0.010	0.0015	mg/L		07/13/26 08:44	07/13/26 14:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		07/14/26 12:20	07/14/26 16:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.010**		0.010	0.0041	mg/L			07/22/26 17:33	1

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240274-3
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/10/26 13:58	1
1,1,2,2-Tetrachloroethane	ND	F1	1.0	0.21	ug/L			07/10/26 13:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/10/26 13:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/10/26 13:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/10/26 13:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/10/26 13:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/10/26 13:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/10/26 13:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/10/26 13:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/10/26 13:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/10/26 13:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/10/26 13:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/10/26 13:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/10/26 13:58	1
2-Hexanone	ND		5.0	1.2	ug/L			07/10/26 13:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/10/26 13:58	1
Acetone	ND		10	3.0	ug/L			07/10/26 13:58	1
Benzene	ND		1.0	0.41	ug/L			07/10/26 13:58	1
Bromodichloromethane	ND	F1	1.0	0.39	ug/L			07/10/26 13:58	1
Bromoform	ND		1.0	0.26	ug/L			07/10/26 13:58	1
Bromomethane	ND		1.0	0.69	ug/L			07/10/26 13:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/10/26 13:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/10/26 13:58	1

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240274-3
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.75	ug/L			07/10/26 13:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/10/26 13:58	1
Chloroethane	ND		1.0	0.32	ug/L			07/10/26 13:58	1
Chloroform	ND		1.0	0.34	ug/L			07/10/26 13:58	1
Chloromethane	ND		1.0	0.35	ug/L			07/10/26 13:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/10/26 13:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/10/26 13:58	1
Cyclohexane	ND		1.0	0.18	ug/L			07/10/26 13:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/10/26 13:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/10/26 13:58	1
1,2-Dibromoethane	ND	F1	1.0	0.73	ug/L			07/10/26 13:58	1
Isopropylbenzene	ND	F1	1.0	0.79	ug/L			07/10/26 13:58	1
Methyl acetate	ND		2.5	1.3	ug/L			07/10/26 13:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/10/26 13:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/10/26 13:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/10/26 13:58	1
Styrene	ND		1.0	0.73	ug/L			07/10/26 13:58	1
Tetrachloroethene	ND	F1	1.0	0.36	ug/L			07/10/26 13:58	1
Toluene	ND	F1	1.0	0.51	ug/L			07/10/26 13:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/10/26 13:58	1
trans-1,3-Dichloropropene	ND	F1	1.0	0.37	ug/L			07/10/26 13:58	1
Trichloroethene	ND		1.0	0.46	ug/L			07/10/26 13:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/10/26 13:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/10/26 13:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/10/26 13:58	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*07/10/26 13:58*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/10/26 13:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/10/26 13:58*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*07/10/26 13:58*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*07/10/26 13:58*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.053	ug/L		07/10/26 13:30	07/13/26 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*42*		*15 - 155*	*07/10/26 13:30*	*07/13/26 17:58*	*1*
Nitrobenzene-d5 (Surr)	*77*		*41 - 161*	*07/10/26 13:30*	*07/13/26 17:58*	*1*
2-Fluorobiphenyl (Surr)	*76*		*32 - 151*	*07/10/26 13:30*	*07/13/26 17:58*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/13/26 06:56	07/14/26 19:30	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/13/26 06:56	07/14/26 19:30	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/14/26 19:30	1
2,4,6-Trichlorophenol	ND	F2	5.0	0.61	ug/L		07/13/26 06:56	07/14/26 19:30	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 19:30	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240274-3
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/13/26 06:56	07/14/26 19:30	1
2,4-Dinitrophenol	ND	F2	10	2.2	ug/L		07/13/26 06:56	07/14/26 19:30	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 19:30	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 19:30	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/13/26 06:56	07/14/26 19:30	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/13/26 06:56	07/14/26 19:30	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 19:30	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/13/26 06:56	07/14/26 19:30	1
2-Nitroaniline	ND		10	0.42	ug/L		07/13/26 06:56	07/14/26 19:30	1
2-Nitrophenol	ND	F2	5.0	0.48	ug/L		07/13/26 06:56	07/14/26 19:30	1
3,3'-Dichlorobenzidine	ND	F2	5.0	0.40	ug/L		07/13/26 06:56	07/14/26 19:30	1
3-Nitroaniline	ND		10	0.48	ug/L		07/13/26 06:56	07/14/26 19:30	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 19:30	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 19:30	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 19:30	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 19:30	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 19:30	1
4-Methylphenol	ND		10	0.36	ug/L		07/13/26 06:56	07/14/26 19:30	1
4-Nitroaniline	ND		10	0.25	ug/L		07/13/26 06:56	07/14/26 19:30	1
4-Nitrophenol	ND		10	1.5	ug/L		07/13/26 06:56	07/14/26 19:30	1
Acenaphthene	ND		5.0	0.41	ug/L		07/13/26 06:56	07/14/26 19:30	1
Acenaphthylene	ND	F2	5.0	0.38	ug/L		07/13/26 06:56	07/14/26 19:30	1
Acetophenone	**0.80**	**J**	5.0	0.54	ug/L		07/13/26 06:56	07/14/26 19:30	1
Anthracene	ND		5.0	0.28	ug/L		07/13/26 06:56	07/14/26 19:30	1
Atrazine	ND		5.0	0.46	ug/L		07/13/26 06:56	07/14/26 19:30	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/13/26 06:56	07/14/26 19:30	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 19:30	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 19:30	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/14/26 19:30	1
Benzo[g,h,i]perylene	ND	F2	5.0	0.35	ug/L		07/13/26 06:56	07/14/26 19:30	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/26 06:56	07/14/26 19:30	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 19:30	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 19:30	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/13/26 06:56	07/14/26 19:30	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/13/26 06:56	07/14/26 19:30	1
Caprolactam	ND		5.0	2.2	ug/L		07/13/26 06:56	07/14/26 19:30	1
Carbazole	ND		5.0	0.30	ug/L		07/13/26 06:56	07/14/26 19:30	1
Chrysene	ND	F2	5.0	0.33	ug/L		07/13/26 06:56	07/14/26 19:30	1
Dibenz(a,h)anthracene	ND	F2	5.0	0.42	ug/L		07/13/26 06:56	07/14/26 19:30	1
Di-n-butyl phthalate	**0.67**	**J F1**	5.0	0.31	ug/L		07/13/26 06:56	07/14/26 19:30	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 19:30	1
Dibenzofuran	ND	F2	10	0.51	ug/L		07/13/26 06:56	07/14/26 19:30	1
Diethyl phthalate	ND	F2	5.0	0.22	ug/L		07/13/26 06:56	07/14/26 19:30	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 19:30	1
Fluoranthene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 19:30	1
Fluorene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 19:30	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 19:30	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/13/26 06:56	07/14/26 19:30	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 19:30	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240274-3
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 19:30	1
Indeno[1,2,3-cd]pyrene	ND	F2	5.0	0.47	ug/L		07/13/26 06:56	07/14/26 19:30	1
Isophorone	ND		5.0	0.43	ug/L		07/13/26 06:56	07/14/26 19:30	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/13/26 06:56	07/14/26 19:30	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 19:30	1
Naphthalene	ND		5.0	0.76	ug/L		07/13/26 06:56	07/14/26 19:30	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/13/26 06:56	07/14/26 19:30	1
Pentachlorophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 19:30	1
Phenanthrene	ND		5.0	0.44	ug/L		07/13/26 06:56	07/14/26 19:30	1
Phenol	ND		5.0	0.39	ug/L		07/13/26 06:56	07/14/26 19:30	1
Pyrene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/14/26 19:30	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*10*	*T J*	*ug/L*		*4.88*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
2-Propanol, 1-butoxy-	*5.2*	*T J N*	*ug/L*		*5.72*	*5131-66-8*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*2.6*	*T J*	*ug/L*		*6.26*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*2.3*	*T J*	*ug/L*		*7.06*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*3.0*	*T J*	*ug/L*		*7.29*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
2-Propanol, 1-(2-butoxy-1-methylethoxy)-	*12*	*T J N*	*ug/L*		*7.72*	*29911-28-2*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Benzothiazole	*4.6*	*T J N*	*ug/L*		*7.82*	*95-16-9*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*3.9*	*T J*	*ug/L*		*8.10*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*16*	*T J*	*ug/L*		*8.40*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Propanoic acid, 2-methyl-, 3-hydroxy-2,2,4-trimethylpentyl e	*5.7*	*T J N*	*ug/L*		*8.49*	*77-68-9*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*3.5*	*T J*	*ug/L*		*10.59*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*3.9*	*T J*	*ug/L*		*11.34*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*34*	*T J*	*ug/L*		*11.83*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*5.9*	*T J*	*ug/L*		*12.53*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*11*	*T J*	*ug/L*		*12.97*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*11*	*T J*	*ug/L*		*14.03*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*2.8*	*T J*	*ug/L*		*14.42*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*34*	*T J*	*ug/L*		*14.70*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*5.9*	*T J*	*ug/L*		*15.61*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Unknown	*32*	*T J*	*ug/L*		*15.97*	*N/A*	*07/13/26 06:56*	*07/14/26 19:30*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*87*		*29 - 129*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
Phenol-d5 (Surr)	*43*		*10 - 120*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
p-Terphenyl-d14 (Surr)	*83*		*33 - 132*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
2,4,6-Tribromophenol (Surr)	*110*		*25 - 144*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
2-Fluorobiphenyl (Surr)	*100*		*53 - 126*	*07/13/26 06:56*	*07/14/26 19:30*	*1*
2-Fluorophenol (Surr)	*64*		*24 - 120*	*07/13/26 06:56*	*07/14/26 19:30*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/10/26 13:13	07/13/26 10:40	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/10/26 13:13	07/13/26 10:40	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/10/26 13:13	07/13/26 10:40	1
Aldrin	ND		0.050	0.0081	ug/L		07/10/26 13:13	07/13/26 10:40	1
alpha-BHC	ND		0.050	0.0077	ug/L		07/10/26 13:13	07/13/26 10:40	1

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240274-3
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-Chlordane	ND		0.050	0.015	ug/L		07/10/26 13:13	07/13/26 10:40	1
beta-BHC	ND		0.050	0.025	ug/L		07/10/26 13:13	07/13/26 10:40	1
delta-BHC	**0.030**	**J**	0.050	0.010	ug/L		07/10/26 13:13	07/13/26 10:40	1
Dieldrin	ND		0.050	0.0098	ug/L		07/10/26 13:13	07/13/26 10:40	1
Endosulfan I	ND		0.050	0.011	ug/L		07/10/26 13:13	07/13/26 10:40	1
Endosulfan II	ND		0.050	0.012	ug/L		07/10/26 13:13	07/13/26 10:40	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/10/26 13:13	07/13/26 10:40	1
Endrin	ND		0.050	0.014	ug/L		07/10/26 13:13	07/13/26 10:40	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/10/26 13:13	07/13/26 10:40	1
Endrin ketone	ND		0.050	0.012	ug/L		07/10/26 13:13	07/13/26 10:40	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		07/10/26 13:13	07/13/26 10:40	1
trans-Chlordane	ND		0.050	0.011	ug/L		07/10/26 13:13	07/13/26 10:40	1
Heptachlor	ND		0.050	0.0085	ug/L		07/10/26 13:13	07/13/26 10:40	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/10/26 13:13	07/13/26 10:40	1
Methoxychlor	**0.032**	**J**	0.050	0.014	ug/L		07/10/26 13:13	07/13/26 10:40	1
Toxaphene	ND		0.50	0.12	ug/L		07/10/26 13:13	07/13/26 10:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*10 - 120*	*07/10/26 13:13*	*07/13/26 10:40*	*1*
DCB Decachlorobiphenyl	*60*		*10 - 120*	*07/10/26 13:13*	*07/13/26 10:40*	*1*
Tetrachloro-m-xylene	*83*		*10 - 120*	*07/10/26 13:13*	*07/13/26 10:40*	*1*
Tetrachloro-m-xylene	*104*		*10 - 120*	*07/10/26 13:13*	*07/13/26 10:40*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 14:04	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 14:04	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 14:04	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 14:04	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 14:04	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 14:04	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*10 - 145*	*07/13/26 06:39*	*07/13/26 14:04*	*1*
Tetrachloro-m-xylene	*74*		*10 - 145*	*07/13/26 06:39*	*07/13/26 14:04*	*1*
DCB Decachlorobiphenyl	*53*		*10 - 123*	*07/13/26 06:39*	*07/13/26 14:04*	*1*
DCB Decachlorobiphenyl	*50*		*10 - 123*	*07/13/26 06:39*	*07/13/26 14:04*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**5.3**		2.7	0.74	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluoropentanoic acid (PFPeA)	**3.8**		1.3	0.40	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorohexanoic acid (PFHxA)	**35**	**F2 F1**	1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluoroheptanoic acid (PFHpA)	**1.4**	**F1**	1.3	0.54	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorooctanoic acid (PFOA)	**1.5**	**F1**	1.3	0.61	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorononanoic acid (PFNA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorodecanoic acid (PFDA)	ND	F1	1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluoroundecanoic acid (PFUnA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorododecanoic acid (PFDoA)	ND	F1	1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240274-3
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic acid (PFTrDA)	ND	F1	1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorobutanesulfonic acid (PFBS)	**0.65**	**J**	1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorohexanesulfonic acid (PFHxS)	**0.62**	**J**	1.3	0.54	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.3	0.88	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorononanesulfonic acid (PFNS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.3	0.40	ng/L		07/17/26 07:43	07/22/26 18:25	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.7	0.67	ng/L		07/17/26 07:43	07/22/26 18:25	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**1.0**	**J**	2.7	0.67	ng/L		07/17/26 07:43	07/22/26 18:25	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.7	0.67	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.3	0.74	ng/L		07/17/26 07:43	07/22/26 18:25	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		6.7	2.7	ng/L		07/17/26 07:43	07/22/26 18:25	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		6.7	2.7	ng/L		07/17/26 07:43	07/22/26 18:25	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.3	0.94	ng/L		07/17/26 07:43	07/22/26 18:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.3	0.34	ng/L		07/17/26 07:43	07/22/26 18:25	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.7	0.67	ng/L		07/17/26 07:43	07/22/26 18:25	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		6.7	1.9	ng/L		07/17/26 07:43	07/22/26 18:25	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		6.7	1.7	ng/L		07/17/26 07:43	07/22/26 18:25	1

Client Sample ID: RI-MW-4

Lab Sample ID: 480-240274-3

Date Collected: 07/09/26 00:00

Matrix: Water

Date Received: 07/09/26 18:39

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	71.1		5 - 130	07/17/26 07:43	07/22/26 18:25	1
13C5 PFPeA	81.2		40 - 130	07/17/26 07:43	07/22/26 18:25	1
13C5 PFHxA	77.1		40 - 130	07/17/26 07:43	07/22/26 18:25	1
13C4 PFHpA	77.4		40 - 130	07/17/26 07:43	07/22/26 18:25	1
13C8 PFOA	67.2		40 - 130	07/17/26 07:43	07/22/26 18:25	1
13C9 PFNA	69.5		40 - 130	07/17/26 07:43	07/22/26 18:25	1
13C6 PFDA	59.9		40 - 130	07/17/26 07:43	07/22/26 18:25	1
13C7 PFUnA	55.2		30 - 130	07/17/26 07:43	07/22/26 18:25	1
13C2 PFTeDA	59.0		10 - 130	07/17/26 07:43	07/22/26 18:25	1
13C3 PFBS	67.8		40 - 135	07/17/26 07:43	07/22/26 18:25	1
13C3 PFHxS	61.7		40 - 130	07/17/26 07:43	07/22/26 18:25	1
13C8 PFOS	58.0		40 - 130	07/17/26 07:43	07/22/26 18:25	1
13C8 FOSA	57.0		40 - 130	07/17/26 07:43	07/22/26 18:25	1
d3-NMeFOSAA	60.0		40 - 170	07/17/26 07:43	07/22/26 18:25	1
d5-NEtFOSAA	56.5		25 - 135	07/17/26 07:43	07/22/26 18:25	1
13C2 4:2 FTS	118		40 - 200	07/17/26 07:43	07/22/26 18:25	1
13C2 6:2 FTS	86.6		40 - 200	07/17/26 07:43	07/22/26 18:25	1
13C2 8:2 FTS	88.1		40 - 300	07/17/26 07:43	07/22/26 18:25	1
13C3 HFPO-DA	82.2		40 - 130	07/17/26 07:43	07/22/26 18:25	1
d7-N-MeFOSE-M	49.6		10 - 130	07/17/26 07:43	07/22/26 18:25	1
d9-N-EtFOSE-M	48.6		10 - 130	07/17/26 07:43	07/22/26 18:25	1
d5-NEtPFOSA	46.4		10 - 130	07/17/26 07:43	07/22/26 18:25	1
d3-NMePFOSA	52.4		10 - 130	07/17/26 07:43	07/22/26 18:25	1
13C2 PFDoA	54.9		10 - 130	07/17/26 07:43	07/22/26 18:25	1
13C3-3:3 FTCA	106		20 - 150	07/17/26 07:43	07/22/26 18:25	1
13C3-5:3 FTCA	67.9		20 - 150	07/17/26 07:43	07/22/26 18:25	1
13C3-PFDoS	57.7		20 - 150	07/17/26 07:43	07/22/26 18:25	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.2**		0.20	0.060	mg/L		07/13/26 08:44	07/13/26 14:35	1
Antimony	ND		0.020	0.0068	mg/L		07/13/26 08:44	07/13/26 14:35	1
Arsenic	**0.0086**	**J**	0.015	0.0056	mg/L		07/13/26 08:44	07/13/26 14:35	1
Barium	**0.16**		0.0020	0.00070	mg/L		07/13/26 08:44	07/13/26 14:35	1
Beryllium	ND		0.0020	0.00030	mg/L		07/13/26 08:44	07/13/26 14:35	1
Cadmium	ND		0.0020	0.00050	mg/L		07/13/26 08:44	07/13/26 14:35	1
Calcium	**104**		0.50	0.10	mg/L		07/13/26 08:44	07/13/26 14:35	1
Chromium	**0.0030**	**J**	0.0040	0.0010	mg/L		07/13/26 08:44	07/13/26 14:35	1
Cobalt	ND		0.0040	0.00063	mg/L		07/13/26 08:44	07/13/26 14:35	1
Copper	ND	^5+	0.010	0.0016	mg/L		07/13/26 08:44	07/13/26 14:35	1
Iron	**2.4**	**F1**	0.050	0.019	mg/L		07/13/26 08:44	07/13/26 14:35	1
Lead	**0.0045**	**J**	0.010	0.0030	mg/L		07/13/26 08:44	07/13/26 14:35	1
Magnesium	**93.2**		0.20	0.043	mg/L		07/13/26 08:44	07/13/26 14:35	1
Manganese	**0.056**		0.0030	0.00040	mg/L		07/13/26 08:44	07/13/26 14:35	1
Nickel	ND		0.010	0.0013	mg/L		07/13/26 08:44	07/13/26 14:35	1
Potassium	**3.7**		0.50	0.10	mg/L		07/13/26 08:44	07/13/26 14:35	1
Selenium	ND		0.025	0.0087	mg/L		07/13/26 08:44	07/13/26 14:35	1
Silver	ND		0.0060	0.0017	mg/L		07/13/26 08:44	07/13/26 14:35	1
Sodium	**195**		1.0	0.32	mg/L		07/13/26 08:44	07/13/26 14:35	1
Thallium	ND	^5+	0.020	0.010	mg/L		07/13/26 08:44	07/13/26 14:35	1
Vanadium	ND		0.0050	0.0015	mg/L		07/13/26 08:44	07/13/26 14:35	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240274-3
Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0089	J B	0.010	0.0015	mg/L		07/13/26 08:44	07/13/26 14:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		07/14/26 12:20	07/14/26 16:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			07/22/26 18:04	1

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-240274-1	RI-MW-1	95	101	104	102
480-240274-2	RI-MW-1-DUP	95	100	101	102
480-240274-3	RI-MW-4	101	99	98	100
480-240274-3 MS	RI-MW-4	103	99	95	100
480-240274-3 MSD	RI-MW-4	99	97	94	100
LCS 480-780370/6	Lab Control Sample	95	102	99	101
MB 480-780370/8	Method Blank	99	98	101	98

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		TPHd14	NBZ	FBP
Lab Sample ID	Client Sample ID	(15-155)	(41-161)	(32-151)
480-240274-1	RI-MW-1	49	83	72
480-240274-2	RI-MW-1-DUP	54	79	72
480-240274-3	RI-MW-4	42	77	76
480-240274-3 MS	RI-MW-4	36	79	67
480-240274-3 MSD	RI-MW-4	42	81	71
LCS 480-780421/2-A	Lab Control Sample	64	79	72
MB 480-780421/1-A	Method Blank	60	78	77

Surrogate Legend

TPHd14 = p-Terphenyl-d14 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	PHL	TPHd14	TBP	FBP	2FP
Lab Sample ID	Client Sample ID	(29-129)	(10-120)	(33-132)	(25-144)	(53-126)	(24-120)
480-240274-1	RI-MW-1	78	42	81	110	98	62
480-240274-2	RI-MW-1-DUP	83	44	85	108	98	65
480-240274-3	RI-MW-4	87	43	83	110	100	64
480-240274-3 MS	RI-MW-4	76	42	59	95	82	56
480-240274-3 MSD	RI-MW-4	89	50	65	109	96	65
LCS 480-780473/2-A	Lab Control Sample	86	54	100	111	93	74
MB 480-780473/1-A	Method Blank	78	40	97	96	90	58

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-120)	(10-120)	(10-120)	(10-120)
480-240274-1	RI-MW-1	65	63	101	97
480-240274-2	RI-MW-1-DUP	53	52	102	104
480-240274-3	RI-MW-4	68	60	83	104
480-240274-3 MS	RI-MW-4	59	57	84	96
480-240274-3 MSD	RI-MW-4	61	59	103	115
LCS 480-780417/2-A	Lab Control Sample	76	78	84	87
MB 480-780417/1-A	Method Blank	85	86	86	88

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(10-145)	(10-145)	(10-123)	(10-123)
480-240274-1	RI-MW-1	82	80	58	54
480-240274-2	RI-MW-1-DUP	65	63	34	32
480-240274-3	RI-MW-4	77	74	53	50
480-240274-3 MS	RI-MW-4	80	75	42	40
480-240274-3 MSD	RI-MW-4	75	74	39	37
LCS 480-780471/2-A	Lab Control Sample	89	83	68	66
MB 480-780471/1-A	Method Blank	79	79	70	69

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
480-240274-1	RI-MW-1	81.4	94.9	88.2	92.3	81.3	73.7	63.2	57.8
480-240274-2	RI-MW-1-DUP	84.2	88.8	84.2	94.1	83.2	91.2	81.3	76.9
480-240274-3	RI-MW-4	71.1	81.2	77.1	77.4	67.2	69.5	59.9	55.2
480-240274-3 MS	RI-MW-4	82.2	104	95.9	115	83.5	85.1	77.2	71.0
480-240274-3 MSD	RI-MW-4	80.8	89.4	84.3	91.8	83.9	79.5	77.3	65.6
LCS 410-853189/8-A	Lab Control Sample	82.9	79.0	72.0	71.1	66.2	67.5	66.3	69.9
LLCS 410-853189/9-A	Lab Control Sample	83.9	77.8	81.7	85.6	85.8	86.7	80.1	86.7
MB 410-853189/7-A	Method Blank	80.1	86.9	88.2	85.0	72.5	67.6	63.8	68.7

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
480-240274-1	RI-MW-1	50.1	82.5	73.3	62.5	61.2	67.0	62.7	128
480-240274-2	RI-MW-1-DUP	64.3	85.1	87.9	82.3	64.5	77.7	69.7	92.5
480-240274-3	RI-MW-4	59.0	67.8	61.7	58.0	57.0	60.0	56.5	118
480-240274-3 MS	RI-MW-4	72.9	81.8	79.7	81.4	75.7	83.9	78.6	115
480-240274-3 MSD	RI-MW-4	56.5	86.0	82.2	80.3	71.2	85.3	78.3	116
LCS 410-853189/8-A	Lab Control Sample	52.6	64.9	63.2	60.3	59.0	57.4	55.9	86.5
LLCS 410-853189/9-A	Lab Control Sample	67.6	81.3	78.1	80.0	65.4	73.6	69.8	84.9
MB 410-853189/7-A	Method Blank	55.7	67.4	64.3	64.9	68.6	71.2	66.9	98.9

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
480-240274-1	RI-MW-1	89.9	92.9	90.5	37.6	34.3	53.6	60.0	52.8
480-240274-2	RI-MW-1-DUP	87.0	65.7	84.0	38.0	34.9	56.8	64.8	69.6
480-240274-3	RI-MW-4	86.6	88.1	82.2	49.6	48.6	46.4	52.4	54.9
480-240274-3 MS	RI-MW-4	105	93.0	94.3	57.6	57.6	63.0	73.9	69.5
480-240274-3 MSD	RI-MW-4	106	107	80.1	65.7	67.8	63.4	72.2	64.6
LCS 410-853189/8-A	Lab Control Sample	76.4	64.9	76.8	47.1	43.0	44.2	50.7	56.1
LLCS 410-853189/9-A	Lab Control Sample	80.0	77.5	83.4	55.0	53.1	57.3	63.1	77.2
MB 410-853189/7-A	Method Blank	87.2	96.4	90.5	51.9	49.0	55.2	61.9	58.0

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		C3-3:3 FTCA	C3-5:3 FTCA	3C3-PFDoS					
Lab Sample ID	Client Sample ID	(20-150)	(20-150)	(20-150)					
480-240274-1	RI-MW-1	113	80.6	47.4					
480-240274-2	RI-MW-1-DUP	102	96.6	57.2					
480-240274-3	RI-MW-4	106	67.9	57.7					
480-240274-3 MS	RI-MW-4	105	87.6	73.6					
480-240274-3 MSD	RI-MW-4	96.1	80.3	69.1					
LCS 410-853189/8-A	Lab Control Sample	99.0	88.4	42.5					
LLCS 410-853189/9-A	Lab Control Sample	85.4	83.1	58.6					
MB 410-853189/7-A	Method Blank	105	71.9	57.9					

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC

Job ID: 480-240274-1

Project/Site: 375 Michigan RI - Groundwater

C6PFDA = 13C6 PFDA

13C7PUA = 13C7 PFUnA

PFTDA = 13C2 PFTeDA

C3PFBS = 13C3 PFBS

C3PFHS = 13C3 PFHxS

C8PFOS = 13C8 PFOS

PFOSA = 13C8 FOSA

d3NMFOS = d3-NMeFOSAA

d5NEFOS = d5-NEtFOSAA

M242FTS = 13C2 4:2 FTS

M262FTS = 13C2 6:2 FTS

M282FTS = 13C2 8:2 FTS

HFPODA = 13C3 HFPO-DA

NMFM = d7-N-MeFOSE-M

NEFM = d9-N-EtFOSE-M

d5NPFSA = d5-NEtPFOSA

d3NMFSA = d3-NMePFOSA

PFDoA = 13C2 PFDoA

C3-3:3 FTCA = 13C3-3:3 FTCA

C3-5:3 FTCA = 13C3-5:3 FTCA

13C3-PFDoS = 13C3-PFDoS

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-780370/8
Matrix: Water
Analysis Batch: 780370

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/10/26 12:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/10/26 12:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/10/26 12:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/10/26 12:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/10/26 12:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/10/26 12:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/10/26 12:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/10/26 12:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/10/26 12:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/10/26 12:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/10/26 12:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/10/26 12:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/10/26 12:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/10/26 12:01	1
2-Hexanone	ND		5.0	1.2	ug/L			07/10/26 12:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/10/26 12:01	1
Acetone	ND		10	3.0	ug/L			07/10/26 12:01	1
Benzene	ND		1.0	0.41	ug/L			07/10/26 12:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/10/26 12:01	1
Bromoform	ND		1.0	0.26	ug/L			07/10/26 12:01	1
Bromomethane	ND		1.0	0.69	ug/L			07/10/26 12:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/10/26 12:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/10/26 12:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/10/26 12:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/10/26 12:01	1
Chloroethane	ND		1.0	0.32	ug/L			07/10/26 12:01	1
Chloroform	ND		1.0	0.34	ug/L			07/10/26 12:01	1
Chloromethane	ND		1.0	0.35	ug/L			07/10/26 12:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/10/26 12:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/10/26 12:01	1
Cyclohexane	ND		1.0	0.18	ug/L			07/10/26 12:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/10/26 12:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/10/26 12:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/10/26 12:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/10/26 12:01	1
Methyl acetate	ND		2.5	1.3	ug/L			07/10/26 12:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/10/26 12:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/10/26 12:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/10/26 12:01	1
Styrene	ND		1.0	0.73	ug/L			07/10/26 12:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/10/26 12:01	1
Toluene	ND		1.0	0.51	ug/L			07/10/26 12:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/10/26 12:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/10/26 12:01	1
Trichloroethene	ND		1.0	0.46	ug/L			07/10/26 12:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/10/26 12:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/10/26 12:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/10/26 12:01	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-780370/8
Matrix: Water
Analysis Batch: 780370

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		07/10/26 12:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		07/10/26 12:01	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		07/10/26 12:01	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/10/26 12:01	1
Dibromofluoromethane (Surr)	98		75 - 123		07/10/26 12:01	1

Lab Sample ID: LCS 480-780370/6
Matrix: Water
Analysis Batch: 780370

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.5		ug/L		106	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.7		ug/L		111	76 - 120
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.8		ug/L		111	61 - 148
1,1-Dichloroethane	25.0	27.2		ug/L		109	77 - 120
1,1-Dichloroethene	25.0	27.3		ug/L		109	66 - 127
1,2,4-Trichlorobenzene	25.0	24.8		ug/L		99	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.4		ug/L		110	56 - 134
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	26.0		ug/L		104	75 - 120
1,2-Dichloropropane	25.0	27.3		ug/L		109	76 - 120
1,3-Dichlorobenzene	25.0	26.4		ug/L		105	77 - 120
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	80 - 120
2-Butanone (MEK)	125	143		ug/L		114	57 - 140
2-Hexanone	125	122		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	71 - 125
Acetone	125	128		ug/L		102	56 - 142
Benzene	25.0	26.7		ug/L		107	71 - 124
Bromodichloromethane	25.0	29.1		ug/L		117	80 - 122
Bromoform	25.0	27.6		ug/L		110	61 - 132
Bromomethane	25.0	23.6		ug/L		95	55 - 144
Carbon disulfide	25.0	25.7		ug/L		103	59 - 134
Carbon tetrachloride	25.0	27.9		ug/L		112	72 - 134
Chlorobenzene	25.0	26.2		ug/L		105	80 - 120
Dibromochloromethane	25.0	26.5		ug/L		106	75 - 125
Chloroethane	25.0	24.5		ug/L		98	69 - 136
Chloroform	25.0	25.7		ug/L		103	73 - 127
Chloromethane	25.0	25.3		ug/L		101	68 - 124
cis-1,2-Dichloroethene	25.0	27.1		ug/L		109	74 - 124
cis-1,3-Dichloropropene	25.0	26.3		ug/L		105	74 - 124
Cyclohexane	25.0	29.2		ug/L		117	59 - 135
Dichlorodifluoromethane	25.0	30.2		ug/L		121	59 - 135
Ethylbenzene	25.0	26.7		ug/L		107	77 - 123
1,2-Dibromoethane	25.0	29.2		ug/L		117	77 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-780370/6
Matrix: Water
Analysis Batch: 780370

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropylbenzene	25.0	27.8		ug/L		111	77 - 122
Methyl acetate	50.0	56.2		ug/L		112	74 - 133
Methyl tert-butyl ether	25.0	25.3		ug/L		101	77 - 120
Methylcyclohexane	25.0	28.4		ug/L		113	68 - 134
Methylene Chloride	25.0	25.1		ug/L		100	75 - 124
Styrene	25.0	26.0		ug/L		104	80 - 120
Tetrachloroethene	25.0	26.6		ug/L		107	74 - 122
Toluene	25.0	26.1		ug/L		105	80 - 122
trans-1,2-Dichloroethene	25.0	26.8		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	28.3		ug/L		113	80 - 120
Trichloroethene	25.0	27.1		ug/L		108	74 - 123
Trichlorofluoromethane	25.0	26.7		ug/L		107	62 - 150
Vinyl chloride	25.0	26.1		ug/L		104	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*

Lab Sample ID: 480-240274-3 MS
Matrix: Water
Analysis Batch: 780370

Client Sample ID: RI-MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		25.0	29.1		ug/L		116	73 - 126
1,1,2,2-Tetrachloroethane	ND	F1	25.0	31.2	F1	ug/L		125	76 - 120
1,1,2-Trichloroethane	ND		25.0	28.9		ug/L		116	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	31.0		ug/L		124	61 - 148
1,1-Dichloroethane	ND		25.0	29.5		ug/L		118	77 - 120
1,1-Dichloroethene	ND		25.0	31.3		ug/L		125	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	29.7		ug/L		119	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	31.3		ug/L		125	56 - 134
1,2-Dichlorobenzene	ND		25.0	28.5		ug/L		114	80 - 124
1,2-Dichloroethane	ND		25.0	26.6		ug/L		106	75 - 120
1,2-Dichloropropane	ND		25.0	29.6		ug/L		118	76 - 120
1,3-Dichlorobenzene	ND		25.0	29.5		ug/L		118	77 - 120
1,4-Dichlorobenzene	ND		25.0	28.2		ug/L		113	78 - 124
2-Butanone (MEK)	ND		125	133		ug/L		106	57 - 140
2-Hexanone	ND		125	116		ug/L		93	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	147		ug/L		118	71 - 125
Acetone	ND		125	119		ug/L		95	56 - 142
Benzene	ND		25.0	29.5		ug/L		118	71 - 124
Bromodichloromethane	ND	F1	25.0	31.0	F1	ug/L		124	80 - 122
Bromoform	ND		25.0	27.9		ug/L		112	61 - 132
Bromomethane	ND		25.0	25.7		ug/L		103	55 - 144
Carbon disulfide	ND		25.0	28.6		ug/L		115	59 - 134
Carbon tetrachloride	ND		25.0	30.2		ug/L		121	72 - 134

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-240274-3 MS
Matrix: Water
Analysis Batch: 780370

Client Sample ID: RI-MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		25.0	29.1		ug/L		117	80 - 120
Dibromochloromethane	ND		25.0	29.0		ug/L		116	75 - 125
Chloroethane	ND		25.0	27.1		ug/L		108	69 - 136
Chloroform	ND		25.0	27.3		ug/L		109	73 - 127
Chloromethane	ND		25.0	27.6		ug/L		110	68 - 124
cis-1,2-Dichloroethene	ND		25.0	29.3		ug/L		117	74 - 124
cis-1,3-Dichloropropene	ND		25.0	26.6		ug/L		107	74 - 124
Cyclohexane	ND		25.0	31.6		ug/L		126	59 - 135
Dichlorodifluoromethane	ND		25.0	31.6		ug/L		126	59 - 135
Ethylbenzene	ND		25.0	30.2		ug/L		121	77 - 123
1,2-Dibromoethane	ND	F1	25.0	31.1	F1	ug/L		124	77 - 120
Isopropylbenzene	ND	F1	25.0	33.7	F1	ug/L		135	77 - 122
Methyl acetate	ND		50.0	57.8		ug/L		116	74 - 133
Methyl tert-butyl ether	ND		25.0	27.3		ug/L		109	77 - 120
Methylcyclohexane	ND		25.0	30.8		ug/L		123	68 - 134
Methylene Chloride	ND		25.0	27.6		ug/L		110	75 - 124
Styrene	ND		25.0	27.6		ug/L		110	80 - 120
Tetrachloroethene	ND	F1	25.0	31.9	F1	ug/L		128	74 - 122
Toluene	ND	F1	25.0	30.7	F1	ug/L		123	80 - 122
trans-1,2-Dichloroethene	ND		25.0	30.1		ug/L		120	73 - 127
trans-1,3-Dichloropropene	ND	F1	25.0	30.3	F1	ug/L		121	80 - 120
Trichloroethene	ND		25.0	30.1		ug/L		120	74 - 123
Trichlorofluoromethane	ND		25.0	28.1		ug/L		112	62 - 150
Vinyl chloride	ND		25.0	28.8		ug/L		115	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Dibromofluoromethane (Surr)	*100*		*75 - 123*

Lab Sample ID: 480-240274-3 MSD
Matrix: Water
Analysis Batch: 780370

Client Sample ID: RI-MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	27.9		ug/L		112	73 - 126	4	15
1,1,2,2-Tetrachloroethane	ND	F1	25.0	30.9	F1	ug/L		124	76 - 120	1	15
1,1,2-Trichloroethane	ND		25.0	26.9		ug/L		108	76 - 122	7	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.9		ug/L		115	61 - 148	7	20
1,1-Dichloroethane	ND		25.0	28.1		ug/L		113	77 - 120	5	20
1,1-Dichloroethene	ND		25.0	29.0		ug/L		116	66 - 127	7	16
1,2,4-Trichlorobenzene	ND		25.0	28.9		ug/L		116	79 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		25.0	30.3		ug/L		121	56 - 134	3	15
1,2-Dichlorobenzene	ND		25.0	27.7		ug/L		111	80 - 124	3	20
1,2-Dichloroethane	ND		25.0	26.4		ug/L		106	75 - 120	1	20
1,2-Dichloropropane	ND		25.0	28.6		ug/L		114	76 - 120	3	20
1,3-Dichlorobenzene	ND		25.0	28.7		ug/L		115	77 - 120	3	20

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-240274-3 MSD
Client Sample ID: RI-MW-4
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 780370

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	ND		25.0	27.7		ug/L		111	78 - 124	2	20
2-Butanone (MEK)	ND		125	130		ug/L		104	57 - 140	2	20
2-Hexanone	ND		125	114		ug/L		91	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		125	137		ug/L		110	71 - 125	7	35
Acetone	ND		125	108		ug/L		87	56 - 142	9	15
Benzene	ND		25.0	28.5		ug/L		114	71 - 124	3	13
Bromodichloromethane	ND	F1	25.0	29.6		ug/L		118	80 - 122	5	15
Bromoform	ND		25.0	26.3		ug/L		105	61 - 132	6	15
Bromomethane	ND		25.0	23.8		ug/L		95	55 - 144	8	15
Carbon disulfide	ND		25.0	26.6		ug/L		106	59 - 134	7	15
Carbon tetrachloride	ND		25.0	29.3		ug/L		117	72 - 134	3	15
Chlorobenzene	ND		25.0	27.6		ug/L		110	80 - 120	5	25
Dibromochloromethane	ND		25.0	27.2		ug/L		109	75 - 125	6	15
Chloroethane	ND		25.0	25.0		ug/L		100	69 - 136	8	15
Chloroform	ND		25.0	26.3		ug/L		105	73 - 127	4	20
Chloromethane	ND		25.0	25.8		ug/L		103	68 - 124	7	15
cis-1,2-Dichloroethene	ND		25.0	28.2		ug/L		113	74 - 124	4	15
cis-1,3-Dichloropropene	ND		25.0	25.9		ug/L		104	74 - 124	3	15
Cyclohexane	ND		25.0	30.0		ug/L		120	59 - 135	5	20
Dichlorodifluoromethane	ND		25.0	30.6		ug/L		122	59 - 135	3	20
Ethylbenzene	ND		25.0	29.0		ug/L		116	77 - 123	4	15
1,2-Dibromoethane	ND	F1	25.0	30.0		ug/L		120	77 - 120	4	15
Isopropylbenzene	ND	F1	25.0	32.8	F1	ug/L		131	77 - 122	3	20
Methyl acetate	ND		50.0	56.0		ug/L		112	74 - 133	3	20
Methyl tert-butyl ether	ND		25.0	25.9		ug/L		104	77 - 120	5	37
Methylcyclohexane	ND		25.0	29.7		ug/L		119	68 - 134	4	20
Methylene Chloride	ND		25.0	26.1		ug/L		104	75 - 124	6	15
Styrene	ND		25.0	26.5		ug/L		106	80 - 120	4	20
Tetrachloroethene	ND	F1	25.0	29.7		ug/L		119	74 - 122	7	20
Toluene	ND	F1	25.0	28.8		ug/L		115	80 - 122	6	15
trans-1,2-Dichloroethene	ND		25.0	28.8		ug/L		115	73 - 127	4	20
trans-1,3-Dichloropropene	ND	F1	25.0	28.7		ug/L		115	80 - 120	6	15
Trichloroethene	ND		25.0	29.1		ug/L		117	74 - 123	3	16
Trichlorofluoromethane	ND		25.0	26.7		ug/L		107	62 - 150	5	20
Vinyl chloride	ND		25.0	26.7		ug/L		107	65 - 133	8	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Dibromofluoromethane (Surr)	*100*		*75 - 123*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 480-780421/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 780558
Prep Batch: 780421

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.054	ug/L		07/10/26 13:30	07/13/26 15:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*60*		*15 - 155*	*07/10/26 13:30*	*07/13/26 15:55*	*1*
Nitrobenzene-d5 (Surr)	*78*		*41 - 161*	*07/10/26 13:30*	*07/13/26 15:55*	*1*
2-Fluorobiphenyl (Surr)	*77*		*32 - 151*	*07/10/26 13:30*	*07/13/26 15:55*	*1*

Lab Sample ID: LCS 480-780421/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 780558
Prep Batch: 780421

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			5.71	1.86		ug/L		32	14 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl-d14 (Surr)	*64*		*15 - 155*
Nitrobenzene-d5 (Surr)	*79*		*41 - 161*
2-Fluorobiphenyl (Surr)	*72*		*32 - 151*

Lab Sample ID: 480-240274-3 MS
Client Sample ID: RI-MW-4
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 780558
Prep Batch: 780421

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	ND		5.56	1.66		ug/L		30	14 - 120		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
p-Terphenyl-d14 (Surr)	*36*		*15 - 155*
Nitrobenzene-d5 (Surr)	*79*		*41 - 161*
2-Fluorobiphenyl (Surr)	*67*		*32 - 151*

Lab Sample ID: 480-240274-3 MSD
Client Sample ID: RI-MW-4
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 780558
Prep Batch: 780421

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		5.59	1.69		ug/L		30	14 - 120	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
p-Terphenyl-d14 (Surr)	*42*		*15 - 155*
Nitrobenzene-d5 (Surr)	*81*		*41 - 161*
2-Fluorobiphenyl (Surr)	*71*		*32 - 151*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-780473/1-A
Matrix: Water
Analysis Batch: 780620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/13/26 06:56	07/14/26 17:17	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 17:17	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/13/26 06:56	07/14/26 17:17	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/13/26 06:56	07/14/26 17:17	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 17:17	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/13/26 06:56	07/14/26 17:17	1
2-Nitroaniline	ND		10	0.42	ug/L		07/13/26 06:56	07/14/26 17:17	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/14/26 17:17	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 17:17	1
3-Nitroaniline	ND		10	0.48	ug/L		07/13/26 06:56	07/14/26 17:17	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Methylphenol	ND		10	0.36	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Nitroaniline	ND		10	0.25	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Nitrophenol	ND		10	1.5	ug/L		07/13/26 06:56	07/14/26 17:17	1
Acenaphthene	ND		5.0	0.41	ug/L		07/13/26 06:56	07/14/26 17:17	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/13/26 06:56	07/14/26 17:17	1
Acetophenone	ND		5.0	0.54	ug/L		07/13/26 06:56	07/14/26 17:17	1
Anthracene	ND		5.0	0.28	ug/L		07/13/26 06:56	07/14/26 17:17	1
Atrazine	ND		5.0	0.46	ug/L		07/13/26 06:56	07/14/26 17:17	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/13/26 06:56	07/14/26 17:17	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 17:17	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 17:17	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/14/26 17:17	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 17:17	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/26 06:56	07/14/26 17:17	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 17:17	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 17:17	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/13/26 06:56	07/14/26 17:17	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/13/26 06:56	07/14/26 17:17	1
Caprolactam	ND		5.0	2.2	ug/L		07/13/26 06:56	07/14/26 17:17	1
Carbazole	ND		5.0	0.30	ug/L		07/13/26 06:56	07/14/26 17:17	1
Chrysene	ND		5.0	0.33	ug/L		07/13/26 06:56	07/14/26 17:17	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/13/26 06:56	07/14/26 17:17	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		07/13/26 06:56	07/14/26 17:17	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 17:17	1
Dibenzofuran	ND		10	0.51	ug/L		07/13/26 06:56	07/14/26 17:17	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/13/26 06:56	07/14/26 17:17	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-780473/1-A
Matrix: Water
Analysis Batch: 780620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 17:17	1
Fluoranthene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 17:17	1
Fluorene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 17:17	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 17:17	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/13/26 06:56	07/14/26 17:17	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 17:17	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 17:17	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 17:17	1
Isophorone	ND		5.0	0.43	ug/L		07/13/26 06:56	07/14/26 17:17	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/13/26 06:56	07/14/26 17:17	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 17:17	1
Naphthalene	ND		5.0	0.76	ug/L		07/13/26 06:56	07/14/26 17:17	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/13/26 06:56	07/14/26 17:17	1
Pentachlorophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 17:17	1
Phenanthrene	ND		5.0	0.44	ug/L		07/13/26 06:56	07/14/26 17:17	1
Phenol	ND		5.0	0.39	ug/L		07/13/26 06:56	07/14/26 17:17	1
Pyrene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/14/26 17:17	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*34.0*	*T J*	*ug/L*		*4.88*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*2.43*	*T J*	*ug/L*		*11.33*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
5-Octadecene, (E)-	*6.28*	*T J N*	*ug/L*		*11.60*	*7206-21-5*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*25.8*	*T J*	*ug/L*		*11.83*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*4.95*	*T J*	*ug/L*		*12.53*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*8.69*	*T J*	*ug/L*		*12.96*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*1.83*	*T J*	*ug/L*		*13.37*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*8.70*	*T J*	*ug/L*		*14.03*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*2.34*	*T J*	*ug/L*		*14.42*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*25.6*	*T J*	*ug/L*		*14.70*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*4.46*	*T J*	*ug/L*		*15.60*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*24.4*	*T J*	*ug/L*		*15.96*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*78*		*29 - 129*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Phenol-d5 (Surr)	*40*		*10 - 120*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
p-Terphenyl-d14 (Surr)	*97*		*33 - 132*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
2,4,6-Tribromophenol (Surr)	*96*		*25 - 144*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
2-Fluorobiphenyl (Surr)	*90*		*53 - 126*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
2-Fluorophenol (Surr)	*58*		*24 - 120*	*07/13/26 06:56*	*07/14/26 17:17*	*1*

Lab Sample ID: LCS 480-780473/2-A
Matrix: Water
Analysis Batch: 780620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	32.0	22.5		ug/L		70	59 - 120
bis (2-chloroisopropyl) ether	32.0	22.7		ug/L		71	21 - 136
2,4,5-Trichlorophenol	32.0	27.1		ug/L		85	65 - 126

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-780473/2-A
Matrix: Water
Analysis Batch: 780620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	32.0	27.0		ug/L		84	64 - 120
2,4-Dichlorophenol	32.0	24.4		ug/L		76	63 - 120
2,4-Dimethylphenol	32.0	23.6		ug/L		74	47 - 120
2,4-Dinitrophenol	64.0	45.1		ug/L		70	31 - 137
2,4-Dinitrotoluene	32.0	26.9		ug/L		84	69 - 120
2,6-Dinitrotoluene	32.0	26.4		ug/L		82	68 - 120
2-Chloronaphthalene	32.0	22.4		ug/L		70	58 - 120
2-Chlorophenol	32.0	24.1		ug/L		75	48 - 120
2-Methylphenol	32.0	22.8		ug/L		71	39 - 120
2-Methylnaphthalene	32.0	21.1		ug/L		66	59 - 120
2-Nitroaniline	32.0	24.0		ug/L		75	54 - 127
2-Nitrophenol	32.0	24.4		ug/L		76	52 - 125
3,3'-Dichlorobenzidine	32.0	27.7		ug/L		86	49 - 135
3-Nitroaniline	32.0	28.9		ug/L		90	51 - 120
4,6-Dinitro-2-methylphenol	64.0	46.9		ug/L		73	46 - 136
4-Bromophenyl phenyl ether	32.0	24.7		ug/L		77	65 - 120
4-Chloro-3-methylphenol	32.0	24.0		ug/L		75	61 - 123
4-Chloroaniline	32.0	19.6		ug/L		61	30 - 120
4-Chlorophenyl phenyl ether	32.0	25.2		ug/L		79	62 - 120
4-Methylphenol	32.0	22.4		ug/L		70	29 - 131
4-Nitroaniline	32.0	35.0		ug/L		109	65 - 120
4-Nitrophenol	64.0	36.8		ug/L		58	45 - 120
Acenaphthene	32.0	22.9		ug/L		72	60 - 120
Acenaphthylene	32.0	23.5		ug/L		73	63 - 120
Acetophenone	32.0	25.0		ug/L		78	45 - 120
Anthracene	32.0	24.4		ug/L		76	67 - 120
Atrazine	32.0	35.2		ug/L		110	71 - 130
Benzaldehyde	32.0	29.9		ug/L		94	10 - 140
Benzo[a]anthracene	32.0	26.5		ug/L		83	70 - 121
Benzo[a]pyrene	32.0	25.0		ug/L		78	60 - 123
Benzo[b]fluoranthene	32.0	25.3		ug/L		79	66 - 126
Benzo[g,h,i]perylene	32.0	26.2		ug/L		82	66 - 150
Benzo[k]fluoranthene	32.0	25.3		ug/L		79	65 - 124
Bis(2-chloroethoxy)methane	32.0	23.8		ug/L		75	50 - 128
Bis(2-chloroethyl)ether	32.0	27.3		ug/L		85	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	23.5		ug/L		73	63 - 139
Butyl benzyl phthalate	32.0	25.0		ug/L		78	70 - 129
Caprolactam	32.0	9.87		ug/L		31	10 - 120
Carbazole	32.0	36.5		ug/L		114	66 - 147
Chrysene	32.0	25.4		ug/L		79	69 - 120
Dibenz(a,h)anthracene	32.0	26.6		ug/L		83	65 - 135
Di-n-butyl phthalate	32.0	24.9		ug/L		78	69 - 131
Di-n-octyl phthalate	32.0	24.5		ug/L		77	63 - 140
Dibenzofuran	32.0	24.4		ug/L		76	66 - 120
Diethyl phthalate	32.0	26.2		ug/L		82	59 - 127
Dimethyl phthalate	32.0	25.7		ug/L		80	68 - 120
Fluoranthene	32.0	26.6		ug/L		83	69 - 126
Fluorene	32.0	24.5		ug/L		76	66 - 120
Hexachlorobenzene	32.0	22.8		ug/L		71	61 - 120

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-780473/2-A
Matrix: Water
Analysis Batch: 780620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	32.0	18.0		ug/L		56	35 - 120
Hexachlorocyclopentadiene	32.0	13.1		ug/L		41	31 - 120
Hexachloroethane	32.0	19.8		ug/L		62	33 - 120
Indeno[1,2,3-cd]pyrene	32.0	25.6		ug/L		80	69 - 146
Isophorone	32.0	23.7		ug/L		74	55 - 120
N-Nitrosodi-n-propylamine	32.0	24.8		ug/L		78	32 - 140
N-Nitrosodiphenylamine	32.0	25.6		ug/L		80	61 - 120
Naphthalene	32.0	21.7		ug/L		68	57 - 120
Nitrobenzene	32.0	22.7		ug/L		71	53 - 123
Pentachlorophenol	64.0	44.5		ug/L		70	10 - 136
Phenanthrene	32.0	26.5		ug/L		83	68 - 120
Phenol	32.0	14.0		ug/L		44	17 - 120
Pyrene	32.0	25.6		ug/L		80	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*86*		*29 - 129*
Phenol-d5 (Surr)	*54*		*10 - 120*
p-Terphenyl-d14 (Surr)	*100*		*33 - 132*
2,4,6-Tribromophenol (Surr)	*111*		*25 - 144*
2-Fluorobiphenyl (Surr)	*93*		*53 - 126*
2-Fluorophenol (Surr)	*74*		*24 - 120*

Lab Sample ID: 480-240274-3 MS
Matrix: Water
Analysis Batch: 780620

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 780473

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	ND		32.0	20.5		ug/L		64	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	18.5		ug/L		58	28 - 121
2,4,5-Trichlorophenol	ND		32.0	23.5		ug/L		73	65 - 126
2,4,6-Trichlorophenol	ND	F2	32.0	22.8		ug/L		71	64 - 120
2,4-Dichlorophenol	ND		32.0	22.5		ug/L		70	48 - 132
2,4-Dimethylphenol	ND		32.0	20.8		ug/L		65	39 - 130
2,4-Dinitrophenol	ND	F2	64.0	37.5		ug/L		59	21 - 150
2,4-Dinitrotoluene	ND		32.0	23.5		ug/L		74	54 - 138
2,6-Dinitrotoluene	ND		32.0	22.1		ug/L		69	17 - 150
2-Chloronaphthalene	ND		32.0	20.4		ug/L		64	52 - 124
2-Chlorophenol	ND		32.0	19.5		ug/L		61	48 - 120
2-Methylphenol	ND		32.0	18.6		ug/L		58	46 - 120
2-Methylnaphthalene	ND		32.0	19.6		ug/L		61	34 - 140
2-Nitroaniline	ND		32.0	20.7		ug/L		65	44 - 136
2-Nitrophenol	ND	F2	32.0	20.9		ug/L		65	38 - 141
3,3'-Dichlorobenzidine	ND	F2	32.0	20.9		ug/L		65	10 - 150
3-Nitroaniline	ND		32.0	22.9		ug/L		72	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	41.6		ug/L		65	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	22.0		ug/L		69	63 - 126
4-Chloro-3-methylphenol	ND		32.0	21.6		ug/L		68	64 - 127
4-Chloroaniline	ND		32.0	16.6		ug/L		52	16 - 124

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-240274-3 MS
Matrix: Water
Analysis Batch: 780620

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 780473

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chlorophenyl phenyl ether	ND		32.0	22.5		ug/L		70	61 - 120
4-Methylphenol	ND		32.0	17.9		ug/L		56	36 - 120
4-Nitroaniline	ND		32.0	26.5		ug/L		83	32 - 150
4-Nitrophenol	ND		64.0	31.3		ug/L		49	23 - 132
Acenaphthene	ND		32.0	20.3		ug/L		64	48 - 120
Acenaphthylene	ND	F2	32.0	20.1		ug/L		63	63 - 120
Acetophenone	0.80	J	32.0	20.2		ug/L		61	53 - 120
Anthracene	ND		32.0	21.7		ug/L		68	65 - 122
Atrazine	ND		32.0	31.1		ug/L		97	50 - 150
Benzaldehyde	ND		32.0	23.6		ug/L		74	10 - 150
Benzo[a]anthracene	ND		32.0	19.1		ug/L		60	43 - 124
Benzo[a]pyrene	ND		32.0	16.2		ug/L		50	23 - 125
Benzo[b]fluoranthene	ND		32.0	17.2		ug/L		54	27 - 127
Benzo[g,h,i]perylene	ND	F2	32.0	16.2		ug/L		51	16 - 147
Benzo[k]fluoranthene	ND		32.0	15.4		ug/L		48	20 - 124
Bis(2-chloroethoxy)methane	ND		32.0	21.2		ug/L		66	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	21.3		ug/L		67	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	15.8		ug/L		49	16 - 150
Butyl benzyl phthalate	ND		32.0	19.5		ug/L		61	51 - 140
Caprolactam	ND		32.0	8.79		ug/L		27	10 - 120
Carbazole	ND		32.0	32.2		ug/L		101	16 - 148
Chrysene	ND	F2	32.0	16.5		ug/L		51	44 - 122
Dibenz(a,h)anthracene	ND	F2	32.0	16.0		ug/L		50	16 - 139
Di-n-butyl phthalate	0.67	J F1	32.0	20.6	F1	ug/L		62	65 - 129
Di-n-octyl phthalate	ND		32.0	15.8		ug/L		49	16 - 150
Dibenzofuran	ND	F2	32.0	22.0		ug/L		69	60 - 120
Diethyl phthalate	ND	F2	32.0	22.8		ug/L		71	53 - 133
Dimethyl phthalate	ND		32.0	23.4		ug/L		73	59 - 123
Fluoranthene	ND		32.0	22.7		ug/L		71	63 - 129
Fluorene	ND		32.0	21.9		ug/L		68	62 - 120
Hexachlorobenzene	ND		32.0	19.3		ug/L		60	57 - 121
Hexachlorobutadiene	ND		32.0	17.2		ug/L		54	37 - 120
Hexachlorocyclopentadiene	ND		32.0	11.8		ug/L		37	21 - 120
Hexachloroethane	ND		32.0	16.3		ug/L		51	16 - 130
Indeno[1,2,3-cd]pyrene	ND	F2	32.0	16.0		ug/L		50	16 - 140
Isophorone	ND		32.0	21.1		ug/L		66	48 - 133
N-Nitrosodi-n-propylamine	ND		32.0	20.1		ug/L		63	49 - 120
N-Nitrosodiphenylamine	ND		32.0	23.0		ug/L		72	39 - 138
Naphthalene	ND		32.0	19.9		ug/L		62	45 - 120
Nitrobenzene	ND		32.0	20.3		ug/L		63	45 - 123
Pentachlorophenol	ND		64.0	39.8		ug/L		62	10 - 149
Phenanthrene	ND		32.0	22.8		ug/L		71	65 - 122
Phenol	ND		32.0	11.2		ug/L		35	16 - 120
Pyrene	ND		32.0	21.5		ug/L		67	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*76*		*29 - 129*
Phenol-d5 (Surr)	*42*		*10 - 120*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-240274-3 MS
Matrix: Water
Analysis Batch: 780620

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 780473

Surrogate	MS %Recovery	MS Qualifier	Limits
p-Terphenyl-d14 (Surr)	*59*		*33 - 132*
2,4,6-Tribromophenol (Surr)	*95*		*25 - 144*
2-Fluorobiphenyl (Surr)	*82*		*53 - 126*
2-Fluorophenol (Surr)	*56*		*24 - 120*

Lab Sample ID: 480-240274-3 MSD
Matrix: Water
Analysis Batch: 780620

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 780473

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Biphenyl	ND		32.0	23.6		ug/L		74	57 - 120	14	20
bis (2-chloroisopropyl) ether	ND		32.0	22.1		ug/L		69	28 - 121	17	24
2,4,5-Trichlorophenol	ND		32.0	27.9		ug/L		87	65 - 126	17	18
2,4,6-Trichlorophenol	ND	F2	32.0	27.8	F2	ug/L		87	64 - 120	20	19
2,4-Dichlorophenol	ND		32.0	25.3		ug/L		79	48 - 132	12	19
2,4-Dimethylphenol	ND		32.0	24.1		ug/L		75	39 - 130	15	42
2,4-Dinitrophenol	ND	F2	64.0	47.5	F2	ug/L		74	21 - 150	24	22
2,4-Dinitrotoluene	ND		32.0	27.2		ug/L		85	54 - 138	14	20
2,6-Dinitrotoluene	ND		32.0	25.3		ug/L		79	17 - 150	14	15
2-Chloronaphthalene	ND		32.0	24.0		ug/L		75	52 - 124	16	21
2-Chlorophenol	ND		32.0	22.6		ug/L		71	48 - 120	15	25
2-Methylphenol	ND		32.0	21.6		ug/L		68	46 - 120	15	27
2-Methylnaphthalene	ND		32.0	22.8		ug/L		71	34 - 140	15	21
2-Nitroaniline	ND		32.0	22.0		ug/L		69	44 - 136	6	15
2-Nitrophenol	ND	F2	32.0	25.5	F2	ug/L		80	38 - 141	20	18
3,3'-Dichlorobenzidine	ND	F2	32.0	12.3	F2	ug/L		38	10 - 150	52	25
3-Nitroaniline	ND		32.0	24.1		ug/L		75	32 - 150	5	19
4,6-Dinitro-2-methylphenol	ND		64.0	46.2		ug/L		72	38 - 150	10	15
4-Bromophenyl phenyl ether	ND		32.0	24.0		ug/L		75	63 - 126	9	15
4-Chloro-3-methylphenol	ND		32.0	24.4		ug/L		76	64 - 127	12	27
4-Chloroaniline	ND		32.0	17.5		ug/L		55	16 - 124	5	22
4-Chlorophenyl phenyl ether	ND		32.0	25.5		ug/L		80	61 - 120	12	16
4-Methylphenol	ND		32.0	20.5		ug/L		64	36 - 120	13	24
4-Nitroaniline	ND		32.0	23.8		ug/L		74	32 - 150	11	24
4-Nitrophenol	ND		64.0	31.2		ug/L		49	23 - 132	0	48
Acenaphthene	ND		32.0	24.0		ug/L		75	48 - 120	16	24
Acenaphthylene	ND	F2	32.0	24.3	F2	ug/L		76	63 - 120	19	18
Acetophenone	0.80	J	32.0	24.2		ug/L		73	53 - 120	18	20
Anthracene	ND		32.0	23.3		ug/L		73	65 - 122	7	15
Atrazine	ND		32.0	35.2		ug/L		110	50 - 150	12	20
Benzaldehyde	ND		32.0	28.2		ug/L		88	10 - 150	18	20
Benzo[a]anthracene	ND		32.0	21.0		ug/L		66	43 - 124	10	15
Benzo[a]pyrene	ND		32.0	18.4		ug/L		58	23 - 125	13	15
Benzo[b]fluoranthene	ND		32.0	19.6		ug/L		61	27 - 127	13	15
Benzo[g,h,i]perylene	ND	F2	32.0	19.2	F2	ug/L		60	16 - 147	17	15
Benzo[k]fluoranthene	ND		32.0	18.9		ug/L		59	20 - 124	21	22
Bis(2-chloroethoxy)methane	ND		32.0	24.5		ug/L		77	44 - 128	14	17
Bis(2-chloroethyl)ether	ND		32.0	26.0		ug/L		81	45 - 120	20	21

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-240274-3 MSD
Matrix: Water
Analysis Batch: 780620

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 780473

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-ethylhexyl) phthalate	ND		32.0	17.4		ug/L		54	16 - 150	10	15
Butyl benzyl phthalate	ND		32.0	22.1		ug/L		69	51 - 140	12	16
Caprolactam	ND		32.0	9.93		ug/L		31	10 - 120	12	20
Carbazole	ND		32.0	34.4		ug/L		108	16 - 148	7	20
Chrysene	ND	F2	32.0	19.4	F2	ug/L		61	44 - 122	16	15
Dibenz(a,h)anthracene	ND	F2	32.0	19.0	F2	ug/L		59	16 - 139	17	15
Di-n-butyl phthalate	0.67	J F1	32.0	22.0		ug/L		67	65 - 129	6	15
Di-n-octyl phthalate	ND		32.0	18.3		ug/L		57	16 - 150	15	16
Dibenzofuran	ND	F2	32.0	25.8	F2	ug/L		81	60 - 120	16	15
Diethyl phthalate	ND	F2	32.0	26.9	F2	ug/L		84	53 - 133	16	15
Dimethyl phthalate	ND		32.0	26.7		ug/L		83	59 - 123	13	15
Fluoranthene	ND		32.0	23.6		ug/L		74	63 - 129	4	15
Fluorene	ND		32.0	25.2		ug/L		79	62 - 120	14	15
Hexachlorobenzene	ND		32.0	21.6		ug/L		68	57 - 121	11	15
Hexachlorobutadiene	ND		32.0	20.2		ug/L		63	37 - 120	16	44
Hexachlorocyclopentadiene	ND		32.0	15.5		ug/L		48	21 - 120	27	49
Hexachloroethane	ND		32.0	20.2		ug/L		63	16 - 130	21	46
Indeno[1,2,3-cd]pyrene	ND	F2	32.0	19.1	F2	ug/L		60	16 - 140	18	15
Isophorone	ND		32.0	24.3		ug/L		76	48 - 133	14	17
N-Nitrosodi-n-propylamine	ND		32.0	24.4		ug/L		76	49 - 120	19	31
N-Nitrosodiphenylamine	ND		32.0	25.2		ug/L		79	39 - 138	9	15
Naphthalene	ND		32.0	23.3		ug/L		73	45 - 120	16	29
Nitrobenzene	ND		32.0	24.6		ug/L		77	45 - 123	19	24
Pentachlorophenol	ND		64.0	44.3		ug/L		69	10 - 149	11	37
Phenanthrene	ND		32.0	26.0		ug/L		81	65 - 122	13	15
Phenol	ND		32.0	13.0		ug/L		40	16 - 120	15	34
Pyrene	ND		32.0	23.9		ug/L		75	58 - 128	11	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*89*		*29 - 129*
Phenol-d5 (Surr)	*50*		*10 - 120*
p-Terphenyl-d14 (Surr)	*65*		*33 - 132*
2,4,6-Tribromophenol (Surr)	*109*		*25 - 144*
2-Fluorobiphenyl (Surr)	*96*		*53 - 126*
2-Fluorophenol (Surr)	*65*		*24 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-780417/1-A
Matrix: Water
Analysis Batch: 780486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780417

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/10/26 13:13	07/13/26 09:21	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/10/26 13:13	07/13/26 09:21	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/10/26 13:13	07/13/26 09:21	1
Aldrin	ND		0.050	0.0081	ug/L		07/10/26 13:13	07/13/26 09:21	1
alpha-BHC	ND		0.050	0.0077	ug/L		07/10/26 13:13	07/13/26 09:21	1
cis-Chlordane	ND		0.050	0.015	ug/L		07/10/26 13:13	07/13/26 09:21	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-780417/1-A
Matrix: Water
Analysis Batch: 780486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780417

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	ND		0.050	0.025	ug/L		07/10/26 13:13	07/13/26 09:21	1
delta-BHC	ND		0.050	0.010	ug/L		07/10/26 13:13	07/13/26 09:21	1
Dieldrin	ND		0.050	0.0098	ug/L		07/10/26 13:13	07/13/26 09:21	1
Endosulfan I	ND		0.050	0.011	ug/L		07/10/26 13:13	07/13/26 09:21	1
Endosulfan II	ND		0.050	0.012	ug/L		07/10/26 13:13	07/13/26 09:21	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/10/26 13:13	07/13/26 09:21	1
Endrin	ND		0.050	0.014	ug/L		07/10/26 13:13	07/13/26 09:21	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/10/26 13:13	07/13/26 09:21	1
Endrin ketone	ND		0.050	0.012	ug/L		07/10/26 13:13	07/13/26 09:21	1
gamma-BHC (Lindane)	0.00863	J	0.050	0.0080	ug/L		07/10/26 13:13	07/13/26 09:21	1
trans-Chlordane	ND		0.050	0.011	ug/L		07/10/26 13:13	07/13/26 09:21	1
Heptachlor	ND		0.050	0.0085	ug/L		07/10/26 13:13	07/13/26 09:21	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/10/26 13:13	07/13/26 09:21	1
Methoxychlor	ND		0.050	0.014	ug/L		07/10/26 13:13	07/13/26 09:21	1
Toxaphene	ND		0.50	0.12	ug/L		07/10/26 13:13	07/13/26 09:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*10 - 120*	*07/10/26 13:13*	*07/13/26 09:21*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 120*	*07/10/26 13:13*	*07/13/26 09:21*	*1*
Tetrachloro-m-xylene	*86*		*10 - 120*	*07/10/26 13:13*	*07/13/26 09:21*	*1*
Tetrachloro-m-xylene	*88*		*10 - 120*	*07/10/26 13:13*	*07/13/26 09:21*	*1*

Lab Sample ID: LCS 480-780417/2-A
Matrix: Water
Analysis Batch: 780486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780417

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.400	0.424		ug/L		106	66 - 143
4,4'-DDE	0.400	0.390		ug/L		97	50 - 125
4,4'-DDT	0.400	0.431		ug/L		108	64 - 138
Aldrin	0.400	0.283		ug/L		71	26 - 120
alpha-BHC	0.400	0.391		ug/L		98	34 - 120
cis-Chlordane	0.400	0.405		ug/L		101	51 - 127
beta-BHC	0.400	0.381		ug/L		95	53 - 132
delta-BHC	0.400	0.407		ug/L		102	47 - 131
Dieldrin	0.400	0.367		ug/L		92	64 - 142
Endosulfan I	0.400	0.411		ug/L		103	48 - 140
Endosulfan II	0.400	0.420		ug/L		105	71 - 146
Endosulfan sulfate	0.400	0.405		ug/L		101	48 - 153
Endrin	0.400	0.410		ug/L		103	63 - 142
Endrin aldehyde	0.400	0.419		ug/L		105	50 - 142
Endrin ketone	0.400	0.391		ug/L		98	73 - 146
gamma-BHC (Lindane)	0.400	0.371		ug/L		93	42 - 128
trans-Chlordane	0.400	0.379		ug/L		95	47 - 131
Heptachlor	0.400	0.361		ug/L		90	44 - 125
Heptachlor epoxide	0.400	0.421		ug/L		105	63 - 142
Methoxychlor	0.400	0.375		ug/L		94	54 - 158

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-780417/2-A
Matrix: Water
Analysis Batch: 780486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780417

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	76		10 - 120
DCB Decachlorobiphenyl	78		10 - 120
Tetrachloro-m-xylene	84		10 - 120
Tetrachloro-m-xylene	87		10 - 120

Lab Sample ID: 480-240274-3 MS
Matrix: Water
Analysis Batch: 780486

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 780417

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	ND		0.400	0.384		ug/L		96	57 - 130
4,4'-DDE	ND		0.400	0.322		ug/L		81	39 - 120
4,4'-DDT	ND		0.400	0.366		ug/L		92	37 - 130
Aldrin	ND		0.400	0.275		ug/L		69	39 - 125
alpha-BHC	ND		0.400	0.327		ug/L		82	48 - 120
cis-Chlordane	ND		0.400	0.340		ug/L		85	44 - 120
beta-BHC	ND		0.400	0.351		ug/L		88	49 - 120
delta-BHC	0.030	J	0.400	0.376		ug/L		86	50 - 120
Dieldrin	ND		0.400	0.351		ug/L		88	56 - 130
Endosulfan I	ND		0.400	0.382		ug/L		95	40 - 126
Endosulfan II	ND		0.400	0.399		ug/L		100	59 - 140
Endosulfan sulfate	ND		0.400	0.402		ug/L		100	60 - 134
Endrin	ND		0.400	0.388		ug/L		97	54 - 135
Endrin aldehyde	ND		0.400	0.435		ug/L		109	50 - 142
Endrin ketone	ND		0.400	0.401		ug/L		100	57 - 138
gamma-BHC (Lindane)	ND		0.400	0.318		ug/L		80	50 - 120
trans-Chlordane	ND		0.400	0.306		ug/L		76	42 - 120
Heptachlor	ND		0.400	0.342		ug/L		85	56 - 120
Heptachlor epoxide	ND		0.400	0.397		ug/L		99	58 - 125
Methoxychlor	0.063		0.400	0.387		ug/L		81	40 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	59		10 - 120
DCB Decachlorobiphenyl	57		10 - 120
Tetrachloro-m-xylene	84		10 - 120
Tetrachloro-m-xylene	96		10 - 120

Lab Sample ID: 480-240274-3 MSD
Matrix: Water
Analysis Batch: 780486

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 780417

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND		0.400	0.431		ug/L		108	57 - 130	11	23
4,4'-DDE	ND		0.400	0.356		ug/L		89	39 - 120	10	22
4,4'-DDT	ND		0.400	0.397		ug/L		99	37 - 130	8	24
Aldrin	ND		0.400	0.313		ug/L		78	39 - 125	13	25
alpha-BHC	ND		0.400	0.364		ug/L		91	48 - 120	11	24
cis-Chlordane	ND		0.400	0.378		ug/L		95	44 - 120	11	23

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-240274-3 MSD
Matrix: Water
Analysis Batch: 780486

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 780417

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
beta-BHC	ND		0.400	0.379		ug/L		95	49 - 120	7	24
delta-BHC	0.030	J	0.400	0.389		ug/L		90	50 - 120	3	24
Dieldrin	ND		0.400	0.410		ug/L		103	56 - 130	16	24
Endosulfan I	ND		0.400	0.445		ug/L		111	40 - 126	15	30
Endosulfan II	ND		0.400	0.444		ug/L		111	59 - 140	11	40
Endosulfan sulfate	ND		0.400	0.469		ug/L		117	60 - 134	15	24
Endrin	ND		0.400	0.442		ug/L		111	54 - 135	13	24
Endrin aldehyde	ND		0.400	0.481		ug/L		120	50 - 142	10	28
Endrin ketone	ND		0.400	0.443		ug/L		111	57 - 138	10	26
gamma-BHC (Lindane)	ND		0.400	0.322		ug/L		81	50 - 120	1	24
trans-Chlordane	ND		0.400	0.338		ug/L		85	42 - 120	10	24
Heptachlor	ND		0.400	0.384		ug/L		96	56 - 120	12	25
Heptachlor epoxide	ND		0.400	0.424		ug/L		106	58 - 125	6	23
Methoxychlor	0.063		0.400	0.440		ug/L		94	40 - 150	13	26

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*61*		*10 - 120*
DCB Decachlorobiphenyl	*59*		*10 - 120*
Tetrachloro-m-xylene	*103*		*10 - 120*
Tetrachloro-m-xylene	*115*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-780471/1-A
Matrix: Water
Analysis Batch: 780516

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780471

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 12:50	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 12:50	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 12:50	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 12:50	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 12:50	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 12:50	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 12:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*10 - 145*	*07/13/26 06:39*	*07/13/26 12:50*	*1*
Tetrachloro-m-xylene	*79*		*10 - 145*	*07/13/26 06:39*	*07/13/26 12:50*	*1*
DCB Decachlorobiphenyl	*70*		*10 - 123*	*07/13/26 06:39*	*07/13/26 12:50*	*1*
DCB Decachlorobiphenyl	*69*		*10 - 123*	*07/13/26 06:39*	*07/13/26 12:50*	*1*

Lab Sample ID: LCS 480-780471/2-A
Matrix: Water
Analysis Batch: 780516

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780471

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	4.00	3.83		ug/L		96	62 - 130

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-780471/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 780516
Prep Batch: 780471

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1260			4.00	3.57		ug/L		89	56 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*89*		*10 - 145*
Tetrachloro-m-xylene	*83*		*10 - 145*
DCB Decachlorobiphenyl	*68*		*10 - 123*
DCB Decachlorobiphenyl	*66*		*10 - 123*

Lab Sample ID: 480-240274-3 MS
Client Sample ID: RI-MW-4
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 780516
Prep Batch: 780471

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		4.00	3.33		ug/L		83	28 - 150		
PCB-1260	ND		4.00	2.67		ug/L		67	25 - 131		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*80*		*10 - 145*
Tetrachloro-m-xylene	*75*		*10 - 145*
DCB Decachlorobiphenyl	*42*		*10 - 123*
DCB Decachlorobiphenyl	*40*		*10 - 123*

Lab Sample ID: 480-240274-3 MSD
Client Sample ID: RI-MW-4
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 780516
Prep Batch: 780471

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		4.00	3.25		ug/L		81	28 - 150	2	50
PCB-1260	ND		4.00	2.51		ug/L		63	25 - 131	6	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*75*		*10 - 145*
Tetrachloro-m-xylene	*74*		*10 - 145*
DCB Decachlorobiphenyl	*39*		*10 - 123*
DCB Decachlorobiphenyl	*37*		*10 - 123*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-853189/7-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 855628
Prep Batch: 853189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.0	1.1	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.60	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.90	ng/L		07/17/26 07:43	07/22/26 17:44	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-853189/7-A
Matrix: Water
Analysis Batch: 855628

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 853189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.80	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.60	ng/L		07/17/26 07:43	07/22/26 17:44	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.0	1.0	ng/L		07/17/26 07:43	07/22/26 17:44	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.0	1.0	ng/L		07/17/26 07:43	07/22/26 17:44	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.0	1.0	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.0	1.1	ng/L		07/17/26 07:43	07/22/26 17:44	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		10	4.0	ng/L		07/17/26 07:43	07/22/26 17:44	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		10	4.0	ng/L		07/17/26 07:43	07/22/26 17:44	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	1.4	ng/L		07/17/26 07:43	07/22/26 17:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	0.50	ng/L		07/17/26 07:43	07/22/26 17:44	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.0	1.0	ng/L		07/17/26 07:43	07/22/26 17:44	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-853189/7-A
Matrix: Water
Analysis Batch: 855628

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 853189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		10	2.8	ng/L		07/17/26 07:43	07/22/26 17:44	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		10	2.5	ng/L		07/17/26 07:43	07/22/26 17:44	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*80.1*		*5 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C5 PFPeA	*86.9*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C5 PFHxA	*88.2*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C4 PFHpA	*85.0*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C8 PFOA	*72.5*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C9 PFNA	*67.6*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C6 PFDA	*63.8*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C7 PFUnA	*68.7*		*30 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C2 PFTeDA	*55.7*		*10 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C3 PFBS	*67.4*		*40 - 135*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C3 PFHxS	*64.3*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C8 PFOS	*64.9*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C8 FOSA	*68.6*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
d3-NMeFOSAA	*71.2*		*40 - 170*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
d5-NEtFOSAA	*66.9*		*25 - 135*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C2 4:2 FTS	*98.9*		*40 - 200*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C2 6:2 FTS	*87.2*		*40 - 200*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C2 8:2 FTS	*96.4*		*40 - 300*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C3 HFPO-DA	*90.5*		*40 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
d7-N-MeFOSE-M	*51.9*		*10 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
d9-N-EtFOSE-M	*49.0*		*10 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
d5-NEtPFOSA	*55.2*		*10 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
d3-NMePFOSA	*61.9*		*10 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C2 PFDoA	*58.0*		*10 - 130*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C3-3:3 FTCA	*105*		*20 - 150*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C3-5:3 FTCA	*71.9*		*20 - 150*	*07/17/26 07:43*	*07/22/26 17:44*	*1*
13C3-PFDoS	*57.9*		*20 - 150*	*07/17/26 07:43*	*07/22/26 17:44*	*1*

Lab Sample ID: LCS 410-853189/8-A
Matrix: Water
Analysis Batch: 855823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 853189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	77.1		ng/L		96	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	35.1		ng/L		88	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	39.4		ng/L		99	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	34.4		ng/L		86	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	31.5		ng/L		79	70 - 150
Perfluorononanoic acid (PFNA)	40.0	30.7		ng/L		77	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	32.2		ng/L		81	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	32.1		ng/L		80	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	37.6		ng/L		94	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-853189/8-A
Matrix: Water
Analysis Batch: 855823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 853189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid (PFTrDA)	40.0	33.0		ng/L		82	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	35.8		ng/L		89	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	29.3		ng/L		82	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	33.6		ng/L		89	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	34.4		ng/L		94	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	29.1		ng/L		76	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	33.6		ng/L		90	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	32.0		ng/L		83	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	28.7		ng/L		74	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	31.5		ng/L		81	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	58.6		ng/L		78	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	58.9		ng/L		77	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	63.4		ng/L		83	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	35.0		ng/L		87	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	36.3		ng/L		91	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	40.0	36.8		ng/L		92	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	37.1		ng/L		93	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	34.3		ng/L		86	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	200	190		ng/L		95	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	200	180		ng/L		90	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	30.0	23.5		ng/L		78	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	34.5		ng/L		91	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	40.0	37.9		ng/L		95	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	40.0	34.7		ng/L		87	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	40.0	36.9		ng/L		92	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	37.4	28.1		ng/L		75	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	37.8	28.0		ng/L		74	55 - 160

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-853189/8-A
Matrix: Water
Analysis Batch: 855823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 853189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	35.7	29.3		ng/L		82	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	80.0	63.7		ng/L		80	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	200	154		ng/L		77	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	200	146		ng/L		73	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*82.9*		*5 - 130*
13C5 PFPeA	*79.0*		*40 - 130*
13C5 PFHxA	*72.0*		*40 - 130*
13C4 PFHpA	*71.1*		*40 - 130*
13C8 PFOA	*66.2*		*40 - 130*
13C9 PFNA	*67.5*		*40 - 130*
13C6 PFDA	*66.3*		*40 - 130*
13C7 PFUnA	*69.9*		*30 - 130*
13C2 PFTeDA	*52.6*		*10 - 130*
13C3 PFBS	*64.9*		*40 - 135*
13C3 PFHxS	*63.2*		*40 - 130*
13C8 PFOS	*60.3*		*40 - 130*
13C8 FOSA	*59.0*		*40 - 130*
d3-NMeFOSAA	*57.4*		*40 - 170*
d5-NEtFOSAA	*55.9*		*25 - 135*
13C2 4:2 FTS	*86.5*		*40 - 200*
13C2 6:2 FTS	*76.4*		*40 - 200*
13C2 8:2 FTS	*64.9*		*40 - 300*
13C3 HFPO-DA	*76.8*		*40 - 130*
d7-N-MeFOSE-M	*47.1*		*10 - 130*
d9-N-EtFOSE-M	*43.0*		*10 - 130*
d5-NEtPFOSA	*44.2*		*10 - 130*
d3-NMePFOSA	*50.7*		*10 - 130*
13C2 PFDoA	*56.1*		*10 - 130*
13C3-3:3 FTCA	*99.0*		*20 - 150*
13C3-5:3 FTCA	*88.4*		*20 - 150*
13C3-PFDoS	*42.5*		*20 - 150*

Lab Sample ID: LLCS 410-853189/9-A
Matrix: Water
Analysis Batch: 855823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 853189

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	7.39		ng/L		92	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	4.32		ng/L		108	65 - 135
Perfluorohexanoic acid (PFHxA)	4.00	4.03		ng/L		101	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	3.16		ng/L		79	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	3.67		ng/L		92	70 - 150
Perfluorononanoic acid (PFNA)	4.00	3.73		ng/L		93	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.86		ng/L		96	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-853189/9-A
Matrix: Water
Analysis Batch: 855823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 853189

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	4.00	3.76		ng/L		94	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	3.99		ng/L		100	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	3.72		ng/L		93	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	3.50		ng/L		87	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.07		ng/L		86	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.36		ng/L		89	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.74		ng/L		102	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.13		ng/L		82	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.57		ng/L		96	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	3.20		ng/L		83	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	2.94		ng/L		76	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	3.29		ng/L		85	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	6.67		ng/L		89	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	7.47		ng/L		98	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	6.54		ng/L		85	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	3.74		ng/L		94	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	3.62		ng/L		90	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	3.49		ng/L		87	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	3.44		ng/L		86	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	3.63		ng/L		91	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	19.8		ng/L		99	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	17.8		ng/L		89	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	3.02		ng/L		101	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.50		ng/L		92	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	3.82		ng/L		96	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.82		ng/L		95	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	3.50		ng/L		88	50 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-853189/9-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 855823
Prep Batch: 853189

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	2.98		ng/L		80	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	2.90		ng/L		77	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	3.28		ng/L		92	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	7.15		ng/L		89	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	20.6		ng/L		103	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	15.8		ng/L		79	50 - 145

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*83.9*		*5 - 130*
13C5 PFPeA	*77.8*		*40 - 130*
13C5 PFHxA	*81.7*		*40 - 130*
13C4 PFHpA	*85.6*		*40 - 130*
13C8 PFOA	*85.8*		*40 - 130*
13C9 PFNA	*86.7*		*40 - 130*
13C6 PFDA	*80.1*		*40 - 130*
13C7 PFUnA	*86.7*		*30 - 130*
13C2 PFTeDA	*67.6*		*10 - 130*
13C3 PFBS	*81.3*		*40 - 135*
13C3 PFHxS	*78.1*		*40 - 130*
13C8 PFOS	*80.0*		*40 - 130*
13C8 FOSA	*65.4*		*40 - 130*
d3-NMeFOSAA	*73.6*		*40 - 170*
d5-NEtFOSAA	*69.8*		*25 - 135*
13C2 4:2 FTS	*84.9*		*40 - 200*
13C2 6:2 FTS	*80.0*		*40 - 200*
13C2 8:2 FTS	*77.5*		*40 - 300*
13C3 HFPO-DA	*83.4*		*40 - 130*
d7-N-MeFOSE-M	*55.0*		*10 - 130*
d9-N-EtFOSE-M	*53.1*		*10 - 130*
d5-NEtPFOSA	*57.3*		*10 - 130*
d3-NMePFOSA	*63.1*		*10 - 130*
13C2 PFDoA	*77.2*		*10 - 130*
13C3-3:3 FTCA	*85.4*		*20 - 150*
13C3-5:3 FTCA	*83.1*		*20 - 150*
13C3-PFDoS	*58.6*		*20 - 150*

Lab Sample ID: 480-240274-3 MS
Client Sample ID: RI-MW-4
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 855628
Prep Batch: 853189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.3		54.3	53.0		ng/L		88	70 - 140
Perfluoropentanoic acid (PFPeA)	3.8		27.1	24.9		ng/L		78	65 - 135

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240274-3 MS
Matrix: Water
Analysis Batch: 855628

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 853189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid (PFHxA)	35	F2 F1	27.1	33.8	F1	ng/L		-4	70 - 145
Perfluoroheptanoic acid (PFHpA)	1.4	F1	27.1	19.8	F1	ng/L		68	70 - 150
Perfluorooctanoic acid (PFOA)	1.5	F1	27.1	18.1	F1	ng/L		61	70 - 150
Perfluorononanoic acid (PFNA)	ND		27.1	22.1		ng/L		82	70 - 150
Perfluorodecanoic acid (PFDA)	ND	F1	27.1	18.5	F1	ng/L		68	70 - 140
Perfluoroundecanoic acid (PFUnA)	ND		27.1	19.9		ng/L		73	70 - 145
Perfluorododecanoic acid (PFDoA)	ND	F1	27.1	17.7	F1	ng/L		65	70 - 140
Perfluorotridecanoic acid (PFTrDA)	ND	F1	27.1	17.2	F1	ng/L		64	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	ND		27.1	18.3		ng/L		68	60 - 140
Perfluorobutanesulfonic acid (PFBS)	0.65	J	24.1	21.4		ng/L		86	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		25.5	21.7		ng/L		85	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	0.62	J	24.7	22.5		ng/L		88	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	ND		25.9	23.1		ng/L		89	70 - 150
Perfluorooctanesulfonic acid (PFOS)	ND		25.2	22.2		ng/L		88	55 - 150
Perfluorononanesulfonic acid (PFNS)	ND		26.1	23.5		ng/L		90	65 - 145
Perfluorodecanesulfonic acid (PFDS)	ND		26.2	20.5		ng/L		78	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	ND		26.3	21.5		ng/L		82	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		50.9	45.0		ng/L		88	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.0	J	51.7	45.2		ng/L		86	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		52.1	48.6		ng/L		93	60 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		27.1	23.7		ng/L		87	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		27.1	23.0		ng/L		85	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		27.1	25.8		ng/L		95	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		27.1	21.6		ng/L		80	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		27.1	22.9		ng/L		84	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		136	119		ng/L		88	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		136	115		ng/L		85	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		20.4	20.3		ng/L		100	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		25.7	25.0		ng/L		97	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		27.1	24.8		ng/L		91	55 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240274-3 MS
Matrix: Water
Analysis Batch: 855628

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 853189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		27.1	22.0		ng/L		81	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		27.1	23.8		ng/L		88	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		25.3	22.8		ng/L		90	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		25.6	20.6		ng/L		80	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		24.2	23.5		ng/L		97	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		54.3	43.1		ng/L		79	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		136	104		ng/L		76	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		136	87.0		ng/L		64	50 - 145

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*82.2*		*5 - 130*
13C5 PFPeA	*104*		*40 - 130*
13C5 PFHxA	*95.9*		*40 - 130*
13C4 PFHpA	*115*		*40 - 130*
13C8 PFOA	*83.5*		*40 - 130*
13C9 PFNA	*85.1*		*40 - 130*
13C6 PFDA	*77.2*		*40 - 130*
13C7 PFUnA	*71.0*		*30 - 130*
13C2 PFTeDA	*72.9*		*10 - 130*
13C3 PFBS	*81.8*		*40 - 135*
13C3 PFHxS	*79.7*		*40 - 130*
13C8 PFOS	*81.4*		*40 - 130*
13C8 FOSA	*75.7*		*40 - 130*
d3-NMeFOSAA	*83.9*		*40 - 170*
d5-NEtFOSAA	*78.6*		*25 - 135*
13C2 4:2 FTS	*115*		*40 - 200*
13C2 6:2 FTS	*105*		*40 - 200*
13C2 8:2 FTS	*93.0*		*40 - 300*
13C3 HFPO-DA	*94.3*		*40 - 130*
d7-N-MeFOSE-M	*57.6*		*10 - 130*
d9-N-EtFOSE-M	*57.6*		*10 - 130*
d5-NEtPFOSA	*63.0*		*10 - 130*
d3-NMePFOSA	*73.9*		*10 - 130*
13C2 PFDoA	*69.5*		*10 - 130*
13C3-3:3 FTCA	*105*		*20 - 150*
13C3-5:3 FTCA	*87.6*		*20 - 150*
13C3-PFDoS	*73.6*		*20 - 150*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240274-3 MSD
Matrix: Water
Analysis Batch: 855628

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 853189

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	5.3		53.7	55.2		ng/L		93	70 - 140	4	30
Perfluoropentanoic acid (PFPeA)	3.8		26.9	27.6		ng/L		89	65 - 135	10	30
Perfluorohexanoic acid (PFHxA)	35	F2 F1	26.9	53.3	F2 F1	ng/L		69	70 - 145	45	30
Perfluoroheptanoic acid (PFHpA)	1.4	F1	26.9	20.3		ng/L		70	70 - 150	2	30
Perfluorooctanoic acid (PFOA)	1.5	F1	26.9	18.9	F1	ng/L		65	70 - 150	5	30
Perfluorononanoic acid (PFNA)	ND		26.9	23.6		ng/L		88	70 - 150	6	30
Perfluorodecanoic acid (PFDA)	ND	F1	26.9	19.4		ng/L		72	70 - 140	5	30
Perfluoroundecanoic acid (PFUnA)	ND		26.9	20.2		ng/L		75	70 - 145	1	30
Perfluorododecanoic acid (PFDoA)	ND	F1	26.9	18.6	F1	ng/L		69	70 - 140	5	30
Perfluorotridecanoic acid (PFTrDA)	ND	F1	26.9	17.3		ng/L		65	65 - 140	1	30
Perfluorotetradecanoic acid (PFTeDA)	ND		26.9	19.4		ng/L		72	60 - 140	5	30
Perfluorobutanesulfonic acid (PFBS)	0.65	J	23.9	20.7		ng/L		84	60 - 145	3	30
Perfluoropentanesulfonic acid (PFPeS)	ND		25.3	22.0		ng/L		87	65 - 140	1	30
Perfluorohexanesulfonic acid (PFHxS)	0.62	J	24.5	21.8		ng/L		87	65 - 145	3	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		25.6	24.2		ng/L		94	70 - 150	4	30
Perfluorooctanesulfonic acid (PFOS)	ND		25.0	22.7		ng/L		91	55 - 150	2	30
Perfluorononanesulfonic acid (PFNS)	ND		25.8	23.7		ng/L		92	65 - 145	1	30
Perfluorodecanesulfonic acid (PFDS)	ND		25.9	20.0		ng/L		77	60 - 145	2	30
Perfluorododecanesulfonic acid (PFDoS)	ND		26.1	21.8		ng/L		84	50 - 145	1	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		50.4	48.6		ng/L		96	70 - 145	8	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.0	J	51.2	45.5		ng/L		87	65 - 155	1	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		51.6	44.9		ng/L		87	60 - 150	8	30
Perfluorooctanesulfonamide (PFOSA)	ND		26.9	26.0		ng/L		97	70 - 145	9	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		26.9	22.1		ng/L		82	60 - 150	4	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		26.9	25.5		ng/L		95	65 - 145	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		26.9	21.8		ng/L		81	50 - 140	1	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		26.9	23.0		ng/L		86	70 - 145	1	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		134	117		ng/L		87	70 - 145	2	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		134	108		ng/L		80	70 - 135	7	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		20.2	22.0		ng/L		109	70 - 140	8	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 480-240274-3 MSD
Matrix: Water
Analysis Batch: 855628

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 853189

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		25.4	25.9		ng/L		102	65 - 145	3	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		26.9	24.9		ng/L		92	55 - 140	0	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		26.9	22.1		ng/L		82	60 - 150	1	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		26.9	28.1		ng/L		105	50 - 150	17	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		25.1	23.2		ng/L		93	70 - 155	2	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		25.4	21.0		ng/L		83	55 - 160	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		24.0	22.3		ng/L		93	70 - 140	6	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		53.7	45.1		ng/L		84	65 - 130	5	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		134	105		ng/L		78	70 - 135	2	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		134	90.1		ng/L		67	50 - 145	3	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*80.8*		*5 - 130*
13C5 PFPeA	*89.4*		*40 - 130*
13C5 PFHxA	*84.3*		*40 - 130*
13C4 PFHpA	*91.8*		*40 - 130*
13C8 PFOA	*83.9*		*40 - 130*
13C9 PFNA	*79.5*		*40 - 130*
13C6 PFDA	*77.3*		*40 - 130*
13C7 PFUnA	*65.6*		*30 - 130*
13C2 PFTeDA	*56.5*		*10 - 130*
13C3 PFBS	*86.0*		*40 - 135*
13C3 PFHxS	*82.2*		*40 - 130*
13C8 PFOS	*80.3*		*40 - 130*
13C8 FOSA	*71.2*		*40 - 130*
d3-NMeFOSAA	*85.3*		*40 - 170*
d5-NEtFOSAA	*78.3*		*25 - 135*
13C2 4:2 FTS	*116*		*40 - 200*
13C2 6:2 FTS	*106*		*40 - 200*
13C2 8:2 FTS	*107*		*40 - 300*
13C3 HFPO-DA	*80.1*		*40 - 130*
d7-N-MeFOSE-M	*65.7*		*10 - 130*
d9-N-EtFOSE-M	*67.8*		*10 - 130*
d5-NEtPFOSA	*63.4*		*10 - 130*
d3-NMePFOSA	*72.2*		*10 - 130*
13C2 PFDoA	*64.6*		*10 - 130*
13C3-3:3 FTCA	*96.1*		*20 - 150*
13C3-5:3 FTCA	*80.3*		*20 - 150*
13C3-PFDoS	*69.1*		*20 - 150*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-780479/1-A
Matrix: Water
Analysis Batch: 780571

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780479

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/13/26 08:44	07/13/26 14:25	1
Antimony	ND		0.020	0.0068	mg/L		07/13/26 08:44	07/13/26 14:25	1
Arsenic	ND		0.015	0.0056	mg/L		07/13/26 08:44	07/13/26 14:25	1
Barium	ND		0.0020	0.00070	mg/L		07/13/26 08:44	07/13/26 14:25	1
Beryllium	ND		0.0020	0.00030	mg/L		07/13/26 08:44	07/13/26 14:25	1
Cadmium	ND		0.0020	0.00050	mg/L		07/13/26 08:44	07/13/26 14:25	1
Calcium	ND		0.50	0.10	mg/L		07/13/26 08:44	07/13/26 14:25	1
Chromium	ND		0.0040	0.0010	mg/L		07/13/26 08:44	07/13/26 14:25	1
Cobalt	ND		0.0040	0.00063	mg/L		07/13/26 08:44	07/13/26 14:25	1
Copper	ND	^5+	0.010	0.0016	mg/L		07/13/26 08:44	07/13/26 14:25	1
Iron	ND		0.050	0.019	mg/L		07/13/26 08:44	07/13/26 14:25	1
Lead	ND		0.010	0.0030	mg/L		07/13/26 08:44	07/13/26 14:25	1
Magnesium	ND		0.20	0.043	mg/L		07/13/26 08:44	07/13/26 14:25	1
Manganese	ND		0.0030	0.00040	mg/L		07/13/26 08:44	07/13/26 14:25	1
Nickel	ND		0.010	0.0013	mg/L		07/13/26 08:44	07/13/26 14:25	1
Potassium	ND		0.50	0.10	mg/L		07/13/26 08:44	07/13/26 14:25	1
Selenium	ND		0.025	0.0087	mg/L		07/13/26 08:44	07/13/26 14:25	1
Silver	ND		0.0060	0.0017	mg/L		07/13/26 08:44	07/13/26 14:25	1
Sodium	ND		1.0	0.32	mg/L		07/13/26 08:44	07/13/26 14:25	1
Thallium	ND	^5+	0.020	0.010	mg/L		07/13/26 08:44	07/13/26 14:25	1
Vanadium	ND		0.0050	0.0015	mg/L		07/13/26 08:44	07/13/26 14:25	1
Zinc	0.00168	J	0.010	0.0015	mg/L		07/13/26 08:44	07/13/26 14:25	1

Lab Sample ID: LCS 480-780479/2-A
Matrix: Water
Analysis Batch: 780571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780479

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.10	5.00		mg/L		98	80 - 120
Antimony	0.500	0.497		mg/L		99	80 - 120
Arsenic	1.00	1.03		mg/L		103	80 - 120
Barium	1.00	0.990		mg/L		99	80 - 120
Beryllium	0.501	0.537		mg/L		107	80 - 120
Cadmium	0.500	0.507		mg/L		101	80 - 120
Calcium	25.0	26.22		mg/L		105	80 - 120
Chromium	0.500	0.512		mg/L		102	80 - 120
Cobalt	0.500	0.521		mg/L		104	80 - 120
Copper	0.500	0.491	^5+	mg/L		98	80 - 120
Iron	5.10	5.55		mg/L		109	80 - 120
Lead	0.500	0.527		mg/L		105	80 - 120
Magnesium	25.0	25.27		mg/L		101	80 - 120
Manganese	0.500	0.510		mg/L		102	80 - 120
Nickel	0.500	0.524		mg/L		105	80 - 120
Potassium	25.0	24.09		mg/L		96	80 - 120
Selenium	1.00	1.02		mg/L		102	80 - 120
Silver	0.0500	0.0475		mg/L		95	80 - 120
Sodium	25.0	24.71		mg/L		99	80 - 120
Thallium	1.00	1.05	^5+	mg/L		105	80 - 120
Vanadium	0.499	0.511		mg/L		102	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-780479/2-A
Matrix: Water
Analysis Batch: 780571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780479

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Zinc			0.500	0.547		mg/L		109	80 - 120		

Lab Sample ID: 480-240274-3 MS
Matrix: Water
Analysis Batch: 780571

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 780479

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum	1.2		5.10	5.18		mg/L		79	75 - 125		
Antimony	ND		0.500	0.509		mg/L		102	75 - 125		
Arsenic	0.0086	J	1.00	1.06		mg/L		105	75 - 125		
Barium	0.16		1.00	1.28		mg/L		112	75 - 125		
Beryllium	ND		0.501	0.537		mg/L		107	75 - 125		
Cadmium	ND		0.500	0.521		mg/L		104	75 - 125		
Calcium	104		25.0	113.9	4	mg/L		41	75 - 125		
Chromium	0.0030	J	0.500	0.500		mg/L		99	75 - 125		
Cobalt	ND		0.500	0.520		mg/L		104	75 - 125		
Copper	ND	^5+	0.500	0.517	^5+	mg/L		103	75 - 125		
Iron	2.4	F1	5.10	5.69	F1	mg/L		64	75 - 125		
Lead	0.0045	J	0.500	0.534		mg/L		106	75 - 125		
Magnesium	93.2		25.0	122.8		mg/L		119	75 - 125		
Manganese	0.056		0.500	0.541		mg/L		97	75 - 125		
Nickel	ND		0.500	0.509		mg/L		102	75 - 125		
Potassium	3.7		25.0	29.16		mg/L		102	75 - 125		
Selenium	ND		1.00	1.06		mg/L		106	75 - 125		
Silver	ND		0.0500	0.0495		mg/L		99	75 - 125		
Sodium	195		25.0	162.8	4	mg/L		-128	75 - 125		
Thallium	ND	^5+	1.00	1.09	^5+	mg/L		109	75 - 125		
Vanadium	ND		0.499	0.510		mg/L		102	75 - 125		
Zinc	0.0089	J B	0.500	0.529		mg/L		104	75 - 125		

Lab Sample ID: 480-240274-3 MSD
Matrix: Water
Analysis Batch: 780571

Client Sample ID: RI-MW-4
Prep Type: Total/NA
Prep Batch: 780479

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	1.2		5.10	5.30		mg/L		81	75 - 125	2	20
Antimony	ND		0.500	0.512		mg/L		102	75 - 125	1	20
Arsenic	0.0086	J	1.00	1.06		mg/L		105	75 - 125	0	20
Barium	0.16		1.00	1.26		mg/L		110	75 - 125	2	20
Beryllium	ND		0.501	0.539		mg/L		108	75 - 125	0	20
Cadmium	ND		0.500	0.522		mg/L		104	75 - 125	0	20
Calcium	104		25.0	111.3	4	mg/L		31	75 - 125	2	20
Chromium	0.0030	J	0.500	0.504		mg/L		100	75 - 125	1	20
Cobalt	ND		0.500	0.520		mg/L		104	75 - 125	0	20
Copper	ND	^5+	0.500	0.518	^5+	mg/L		104	75 - 125	0	20
Iron	2.4	F1	5.10	5.75	F1	mg/L		65	75 - 125	1	20
Lead	0.0045	J	0.500	0.540		mg/L		107	75 - 125	1	20
Magnesium	93.2		25.0	120.9		mg/L		111	75 - 125	2	20
Manganese	0.056		0.500	0.543		mg/L		97	75 - 125	0	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 480-240274-3 MSD — **Client Sample ID: RI-MW-4**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 780571 — **Prep Batch: 780479**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nickel	ND		0.500	0.512		mg/L		102	75 - 125	1	20
Potassium	3.7		25.0	29.40		mg/L		103	75 - 125	1	20
Selenium	ND		1.00	1.06		mg/L		106	75 - 125	0	20
Silver	ND		0.0500	0.0487		mg/L		97	75 - 125	1	20
Sodium	195		25.0	153.9	4	mg/L		-163	75 - 125	6	20
Thallium	ND	^5+	1.00	1.09	^5+	mg/L		109	75 - 125	0	20
Vanadium	ND		0.499	0.511		mg/L		102	75 - 125	0	20
Zinc	0.0089	J B	0.500	0.531		mg/L		104	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-780656/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 780727 — **Prep Batch: 780656**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		07/14/26 12:20	07/14/26 15:43	1

Lab Sample ID: LCS 480-780656/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 780727 — **Prep Batch: 780656**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00667	0.00680		mg/L		102	80 - 120

Lab Sample ID: 480-240274-3 MS — **Client Sample ID: RI-MW-4**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 780727 — **Prep Batch: 780656**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00667	0.00663		mg/L		99	80 - 120

Lab Sample ID: 480-240274-3 MSD — **Client Sample ID: RI-MW-4**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 780727 — **Prep Batch: 780656**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00638		mg/L		96	80 - 120	4	20

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-781407/21 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 781407

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0041	mg/L			07/22/26 15:30	1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: MB 480-781407/47
Matrix: Water
Analysis Batch: 781407

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0041	mg/L			07/22/26 17:10	1

Lab Sample ID: HLCS 480-781407/22
Matrix: Water
Analysis Batch: 781407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.406		mg/L		102	90 - 110

Lab Sample ID: LCS 480-781407/48
Matrix: Water
Analysis Batch: 781407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.242		mg/L		97	90 - 110

Lab Sample ID: LLCS 480-781407/24
Matrix: Water
Analysis Batch: 781407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0120		mg/L		120	50 - 150

Lab Sample ID: 480-240274-3 MS
Matrix: Water
Analysis Batch: 781407

Client Sample ID: RI-MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		0.100	0.106		mg/L		106	90 - 110

Lab Sample ID: 480-240274-3 MSD
Matrix: Water
Analysis Batch: 781407

Client Sample ID: RI-MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		0.100	0.107		mg/L		107	90 - 110	1	15

GC/MS VOA

Analysis Batch: 780370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	EPA 8260D	
480-240274-2	RI-MW-1-DUP	Total/NA	Water	EPA 8260D	
480-240274-3	RI-MW-4	Total/NA	Water	EPA 8260D	
MB 480-780370/8	Method Blank	Total/NA	Water	EPA 8260D	
LCS 480-780370/6	Lab Control Sample	Total/NA	Water	EPA 8260D	
480-240274-3 MS	RI-MW-4	Total/NA	Water	EPA 8260D	
480-240274-3 MSD	RI-MW-4	Total/NA	Water	EPA 8260D	

GC/MS Semi VOA

Prep Batch: 780421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	3510C	
480-240274-2	RI-MW-1-DUP	Total/NA	Water	3510C	
480-240274-3	RI-MW-4	Total/NA	Water	3510C	
MB 480-780421/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-780421/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-240274-3 MS	RI-MW-4	Total/NA	Water	3510C	
480-240274-3 MSD	RI-MW-4	Total/NA	Water	3510C	

Prep Batch: 780473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	3510C	
480-240274-2	RI-MW-1-DUP	Total/NA	Water	3510C	
480-240274-3	RI-MW-4	Total/NA	Water	3510C	
MB 480-780473/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-780473/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-240274-3 MS	RI-MW-4	Total/NA	Water	3510C	
480-240274-3 MSD	RI-MW-4	Total/NA	Water	3510C	

Analysis Batch: 780558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	8270E	780421
480-240274-2	RI-MW-1-DUP	Total/NA	Water	8270E	780421
480-240274-3	RI-MW-4	Total/NA	Water	8270E	780421
MB 480-780421/1-A	Method Blank	Total/NA	Water	8270E	780421
LCS 480-780421/2-A	Lab Control Sample	Total/NA	Water	8270E	780421
480-240274-3 MS	RI-MW-4	Total/NA	Water	8270E	780421
480-240274-3 MSD	RI-MW-4	Total/NA	Water	8270E	780421

Analysis Batch: 780620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	EPA 8270E	780473
480-240274-2	RI-MW-1-DUP	Total/NA	Water	EPA 8270E	780473
480-240274-3	RI-MW-4	Total/NA	Water	EPA 8270E	780473
MB 480-780473/1-A	Method Blank	Total/NA	Water	EPA 8270E	780473
LCS 480-780473/2-A	Lab Control Sample	Total/NA	Water	EPA 8270E	780473
480-240274-3 MS	RI-MW-4	Total/NA	Water	EPA 8270E	780473
480-240274-3 MSD	RI-MW-4	Total/NA	Water	EPA 8270E	780473

GC Semi VOA

Prep Batch: 780417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	3510C	
480-240274-2	RI-MW-1-DUP	Total/NA	Water	3510C	
480-240274-3	RI-MW-4	Total/NA	Water	3510C	
MB 480-780417/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-780417/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-240274-3 MS	RI-MW-4	Total/NA	Water	3510C	
480-240274-3 MSD	RI-MW-4	Total/NA	Water	3510C	

Prep Batch: 780471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	3510C	
480-240274-2	RI-MW-1-DUP	Total/NA	Water	3510C	
480-240274-3	RI-MW-4	Total/NA	Water	3510C	
MB 480-780471/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-780471/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-240274-3 MS	RI-MW-4	Total/NA	Water	3510C	
480-240274-3 MSD	RI-MW-4	Total/NA	Water	3510C	

Analysis Batch: 780486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	8081B	780417
480-240274-2	RI-MW-1-DUP	Total/NA	Water	8081B	780417
480-240274-3	RI-MW-4	Total/NA	Water	8081B	780417
MB 480-780417/1-A	Method Blank	Total/NA	Water	8081B	780417
LCS 480-780417/2-A	Lab Control Sample	Total/NA	Water	8081B	780417
480-240274-3 MS	RI-MW-4	Total/NA	Water	8081B	780417
480-240274-3 MSD	RI-MW-4	Total/NA	Water	8081B	780417

Analysis Batch: 780516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	8082A	780471
480-240274-2	RI-MW-1-DUP	Total/NA	Water	8082A	780471
480-240274-3	RI-MW-4	Total/NA	Water	8082A	780471
MB 480-780471/1-A	Method Blank	Total/NA	Water	8082A	780471
LCS 480-780471/2-A	Lab Control Sample	Total/NA	Water	8082A	780471
480-240274-3 MS	RI-MW-4	Total/NA	Water	8082A	780471
480-240274-3 MSD	RI-MW-4	Total/NA	Water	8082A	780471

LCMS

Prep Batch: 853189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	1633A	
480-240274-2	RI-MW-1-DUP	Total/NA	Water	1633A	
480-240274-3	RI-MW-4	Total/NA	Water	1633A	
MB 410-853189/7-A	Method Blank	Total/NA	Water	1633A	
LCS 410-853189/8-A	Lab Control Sample	Total/NA	Water	1633A	
LLCS 410-853189/9-A	Lab Control Sample	Total/NA	Water	1633A	
480-240274-3 MS	RI-MW-4	Total/NA	Water	1633A	
480-240274-3 MSD	RI-MW-4	Total/NA	Water	1633A	

LCMS

Analysis Batch: 855628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	1633A	853189
480-240274-3	RI-MW-4	Total/NA	Water	1633A	853189
MB 410-853189/7-A	Method Blank	Total/NA	Water	1633A	853189
480-240274-3 MS	RI-MW-4	Total/NA	Water	1633A	853189
480-240274-3 MSD	RI-MW-4	Total/NA	Water	1633A	853189

Analysis Batch: 855823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-2	RI-MW-1-DUP	Total/NA	Water	1633A	853189
LCS 410-853189/8-A	Lab Control Sample	Total/NA	Water	1633A	853189
LLCS 410-853189/9-A	Lab Control Sample	Total/NA	Water	1633A	853189

Metals

Prep Batch: 780479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	3005A	
480-240274-2	RI-MW-1-DUP	Total/NA	Water	3005A	
480-240274-3	RI-MW-4	Total/NA	Water	3005A	
MB 480-780479/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-780479/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-240274-3 MS	RI-MW-4	Total/NA	Water	3005A	
480-240274-3 MSD	RI-MW-4	Total/NA	Water	3005A	

Analysis Batch: 780571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	6010D	780479
480-240274-2	RI-MW-1-DUP	Total/NA	Water	6010D	780479
480-240274-3	RI-MW-4	Total/NA	Water	6010D	780479
MB 480-780479/1-A	Method Blank	Total/NA	Water	6010D	780479
LCS 480-780479/2-A	Lab Control Sample	Total/NA	Water	6010D	780479
480-240274-3 MS	RI-MW-4	Total/NA	Water	6010D	780479
480-240274-3 MSD	RI-MW-4	Total/NA	Water	6010D	780479

Prep Batch: 780656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	7470A	
480-240274-2	RI-MW-1-DUP	Total/NA	Water	7470A	
480-240274-3	RI-MW-4	Total/NA	Water	7470A	
MB 480-780656/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-780656/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-240274-3 MS	RI-MW-4	Total/NA	Water	7470A	
480-240274-3 MSD	RI-MW-4	Total/NA	Water	7470A	

Analysis Batch: 780727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	7470A	780656
480-240274-2	RI-MW-1-DUP	Total/NA	Water	7470A	780656
480-240274-3	RI-MW-4	Total/NA	Water	7470A	780656
MB 480-780656/1-A	Method Blank	Total/NA	Water	7470A	780656
LCS 480-780656/2-A	Lab Control Sample	Total/NA	Water	7470A	780656

Metals (Continued)

Analysis Batch: 780727 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-3 MS	RI-MW-4	Total/NA	Water	7470A	780656
480-240274-3 MSD	RI-MW-4	Total/NA	Water	7470A	780656

General Chemistry

Analysis Batch: 781407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240274-1	RI-MW-1	Total/NA	Water	9012B	
480-240274-2	RI-MW-1-DUP	Total/NA	Water	9012B	
480-240274-3	RI-MW-4	Total/NA	Water	9012B	
MB 480-781407/21	Method Blank	Total/NA	Water	9012B	
MB 480-781407/47	Method Blank	Total/NA	Water	9012B	
HLCS 480-781407/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-781407/48	Lab Control Sample	Total/NA	Water	9012B	
LLCS 480-781407/24	Lab Control Sample	Total/NA	Water	9012B	
480-240274-3 MS	RI-MW-4	Total/NA	Water	9012B	
480-240274-3 MSD	RI-MW-4	Total/NA	Water	9012B	

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-1

Lab Sample ID: 480-240274-1

Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA 8260D		1	780370	AXK	EET BUF	07/10/26 13:14
Total/NA	Prep	3510C			780421	LSC	EET BUF	07/10/26 13:30
Total/NA	Analysis	8270E		1	780558	JLS	EET BUF	07/13/26 19:00
Total/NA	Prep	3510C			780473	SMP	EET BUF	07/13/26 06:56
Total/NA	Analysis	EPA 8270E		1	780620	JMM	EET BUF	07/14/26 21:42
Total/NA	Prep	3510C			780417	LSC	EET BUF	07/10/26 13:13
Total/NA	Analysis	8081B		1	780486	JLS	EET BUF	07/13/26 10:59
Total/NA	Prep	3510C			780471	SMP	EET BUF	07/13/26 06:39
Total/NA	Analysis	8082A		1	780516	C1P	EET BUF	07/13/26 15:54
Total/NA	Prep	1633A			853189	W2FB	ELLE	07/17/26 07:43
Total/NA	Analysis	1633A		1	855628	LDU5	ELLE	07/22/26 17:57
Total/NA	Prep	3005A			780479	EMO	EET BUF	07/13/26 08:44
Total/NA	Analysis	6010D		1	780571	MP	EET BUF	07/13/26 14:31
Total/NA	Prep	7470A			780656	EMO	EET BUF	07/14/26 12:20
Total/NA	Analysis	7470A		1	780727	BMB	EET BUF	07/14/26 16:03
Total/NA	Analysis	9012B		1	781407	IMZ	EET BUF	07/22/26 17:29

Client Sample ID: RI-MW-1-DUP

Lab Sample ID: 480-240274-2

Date Collected: 07/09/26 00:00
Matrix: Water
Date Received: 07/09/26 18:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA 8260D		1	780370	AXK	EET BUF	07/10/26 13:36
Total/NA	Prep	3510C			780421	LSC	EET BUF	07/10/26 13:30
Total/NA	Analysis	8270E		1	780558	JLS	EET BUF	07/13/26 19:30
Total/NA	Prep	3510C			780473	SMP	EET BUF	07/13/26 06:56
Total/NA	Analysis	EPA 8270E		1	780620	JMM	EET BUF	07/14/26 22:09
Total/NA	Prep	3510C			780417	LSC	EET BUF	07/10/26 13:13
Total/NA	Analysis	8081B		1	780486	JLS	EET BUF	07/13/26 11:19
Total/NA	Prep	3510C			780471	SMP	EET BUF	07/13/26 06:39
Total/NA	Analysis	8082A		1	780516	C1P	EET BUF	07/13/26 16:12
Total/NA	Prep	1633A			853189	W2FB	ELLE	07/17/26 07:43
Total/NA	Analysis	1633A		1	855823	LDU5	ELLE	07/23/26 02:10
Total/NA	Prep	3005A			780479	EMO	EET BUF	07/13/26 08:44
Total/NA	Analysis	6010D		1	780571	MP	EET BUF	07/13/26 14:33
Total/NA	Prep	7470A			780656	EMO	EET BUF	07/14/26 12:20
Total/NA	Analysis	7470A		1	780727	BMB	EET BUF	07/14/26 16:06
Total/NA	Analysis	9012B		1	781407	IMZ	EET BUF	07/22/26 17:33

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240274-3

Date Collected: 07/09/26 00:00
Matrix: Water

Date Received: 07/09/26 18:39

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA 8260D		1	780370	AXK	EET BUF	07/10/26 13:58
Total/NA	Prep	3510C			780421	LSC	EET BUF	07/10/26 13:30
Total/NA	Analysis	8270E		1	780558	JLS	EET BUF	07/13/26 17:58
Total/NA	Prep	3510C			780473	SMP	EET BUF	07/13/26 06:56
Total/NA	Analysis	EPA 8270E		1	780620	JMM	EET BUF	07/14/26 19:30
Total/NA	Prep	3510C			780417	LSC	EET BUF	07/10/26 13:13
Total/NA	Analysis	8081B		1	780486	JLS	EET BUF	07/13/26 10:40
Total/NA	Prep	3510C			780471	SMP	EET BUF	07/13/26 06:39
Total/NA	Analysis	8082A		1	780516	C1P	EET BUF	07/13/26 14:04
Total/NA	Prep	1633A			853189	W2FB	ELLE	07/17/26 07:43
Total/NA	Analysis	1633A		1	855628	LDU5	ELLE	07/22/26 18:25
Total/NA	Prep	3005A			780479	EMO	EET BUF	07/13/26 08:44
Total/NA	Analysis	6010D		1	780571	MP	EET BUF	07/13/26 14:35
Total/NA	Prep	7470A			780656	EMO	EET BUF	07/14/26 12:20
Total/NA	Analysis	7470A		1	780727	BMB	EET BUF	07/14/26 16:57
Total/NA	Analysis	9012B		1	781407	IMZ	EET BUF	07/22/26 18:04

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-27

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-27

Method Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET BUF
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6010D	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable	SW846	EET BUF
1633A	Solid-Phase Extraction (SPE)	EPA	ELLE
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
3510C	Microextraction of Organic Compounds	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-240274-1	RI-MW-1	Water	07/09/26 00:00	07/09/26 18:39	New York
480-240274-2	RI-MW-1-DUP	Water	07/09/26 00:00	07/09/26 18:39	New York
480-240274-3	RI-MW-4	Water	07/09/26 00:00	07/09/26 18:39	New York

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins

Client Information	Sampler: Will Goldsmith	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214745-42932.1
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Brydges Engineering in Environment & Energy DPC	PWSID:	**Analysis Requested**		Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			Preservation Codes: N None, B NaOH, D HNO3, A HCL
City: Buffalo	TAT Requested (days): 5 day			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI - Groundwater	Project #: 48030331			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	8270E_LL_QQQ 1,4 Dioxane	9012B_NP Cyanide, Total	8082A Part 375 PCBs	8081B TCL Pesticides	8270E TCL SVOCs + TICs	6010D, 7470A	8260D TCL VOCs + TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	B	N	N	N	D	A		
RI-MW-1				Water			X	X	X	X	X	X	X	X		
RI-MW-1-Dup				Water												
RI-MW-4				Water												
RI-MW-4 MS				Water												
RI-MW-4 MSD				Water												
				Water												
				Water												
				Water												
				Water												

480-240274 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: William Goldsmith	Date/Time: 7/9/26 16 40	Company	Received by: LC	Date/Time: 7/9/26 18:39	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.2, 4.6 IR#1 IC

Ver: 06/08/2026

7/24/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99477.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240274-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/22/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_SPELList of 40 based on EPA method	PRE_SCREEN_PFAS/PFAS_PreScn_W_Prescreening Procedure	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
RI-MW-1 (480-240274-1)	7/9/26	Eastern	G	Water			X	X	2	
RI-MW-1-DUP (480-240274-2)	7/9/26	Eastern	G	Water			X	X	2	
RI-MW-4 (480-240274-3)	7/9/26	Eastern	G	Water			X	X	2	
RI-MW-4 (480-240274-3MS)	7/9/26	Eastern	G	Water			X	X	2	
RI-MW-4 (480-240274-3MSD)	7/9/26	Eastern	G	Water			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: C	Date/Time: 7-10-26	Company ET	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/13/26 1245	Company ELS

Custody Seals Intact: ☒ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 11.5-14.0 C: 11.3-13.8

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240274-1

Login Number: 240274

List Source: Eurofins Buffalo

List Number: 1

Creator: Stapleton, Kaitlyn

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.2, 4.6 IR#1 ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Brydges Engineering
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240274-1

Login Number: 240274
List Number: 2
Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 07/13/26 01:37 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	Seals on cooler but date and time not filled out.
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo, New York 14213

Generated 7/23/2026 4:14:57 PM

JOB DESCRIPTION

375 Michigan Remedial Investigation

JOB NUMBER

480-240291-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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7/23/2026 4:14:57 PM

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-240291-1 Eurofins Buffalo

Job Narrative
480-240291-1

Receipt
The samples were received on 7/10/2026 1:20 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.8º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 480-780624 recovered above the upper control limit for Carbazole. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:RI-MW-3 (480-240291-2).

Method 8270E: The continuing calibration verification (CCV) associated with batch 480-780620 recovered above the upper control limit for Carbazole. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:RI-MW-2 (480-240291-1).

Methods 8270D, 8270E: The continuing calibration verification (CCV) associated with batch 480-780620 recovered outside acceptance criteria, low biased, for 3-Nitroaniline. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated sample is:RI-MW-2 (480-240291-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: The method blank for preparation batch 480-780601 and analytical batch 480-780660 contained gamma-BHC (Lindane) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed. The following associated samples are impacted: RI-MW-2 (480-240291-1) and RI-MW-3 (480-240291-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-780604 is outside the acceptance criteria for the following analytes: total Copper, Thallium. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 480-780601.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample ID: RI-MW-2 — Lab Sample ID: 480-240291-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.3	J	10	3.0	ug/L	1		EPA 8260D	Total/NA
Carbon disulfide	0.50	J	1.0	0.19	ug/L	1		EPA 8260D	Total/NA
Di-n-butyl phthalate	0.48	J	5.0	0.31	ug/L	1		EPA 8270E	Total/NA
4,4'-DDD	0.018	J	0.050	0.0092	ug/L	1		8081B	Total/NA
4,4'-DDE	0.013	J	0.050	0.012	ug/L	1		8081B	Total/NA
Aldrin	0.013	J	0.050	0.0081	ug/L	1		8081B	Total/NA
beta-BHC	0.041	J	0.050	0.025	ug/L	1		8081B	Total/NA
delta-BHC	0.012	J	0.050	0.010	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.016	J B	0.050	0.0080	ug/L	1		8081B	Total/NA
Heptachlor	0.016	J	0.050	0.0085	ug/L	1		8081B	Total/NA
Perfluorobutanoic acid (PFBA)	3.4		2.7	0.75	ng/L	1		1633A	Total/NA
Perfluoropentanoic acid (PFPeA)	2.3		1.4	0.41	ng/L	1		1633A	Total/NA
Perfluorohexanoic acid (PFHxA)	14		1.4	0.34	ng/L	1		1633A	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.56	J	1.4	0.54	ng/L	1		1633A	Total/NA
Perfluorooctanoic acid (PFOA)	1.3	J	1.4	0.61	ng/L	1		1633A	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.6		1.4	0.34	ng/L	1		1633A	Total/NA
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.6	J	2.7	0.68	ng/L	1		1633A	Total/NA
Barium	0.22		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	114		0.50	0.10	mg/L	1		6010D	Total/NA
Chromium	0.0011	J	0.0040	0.0010	mg/L	1		6010D	Total/NA
Iron	0.037	J	0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	92.7		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.045		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.0041	J	0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	5.5	B	0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	105		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.0022	J B	0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: RI-MW-3 — Lab Sample ID: 480-240291-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	20		10	3.0	ug/L	1		EPA 8260D	Total/NA
Carbon disulfide	0.51	J	1.0	0.19	ug/L	1		EPA 8260D	Total/NA
Caprolactam	7.9		5.0	2.2	ug/L	1		EPA 8270E	Total/NA
Di-n-butyl phthalate	0.44	J	5.0	0.31	ug/L	1		EPA 8270E	Total/NA
alpha-BHC	0.012	J	0.050	0.0077	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.0081	J B	0.050	0.0080	ug/L	1		8081B	Total/NA
Perfluorohexanoic acid (PFHxA)	1.8		1.3	0.33	ng/L	1		1633A	Total/NA
Perfluorooctanoic acid (PFOA)	0.82	J	1.3	0.60	ng/L	1		1633A	Total/NA
Aluminum	0.063	J	0.20	0.060	mg/L	1		6010D	Total/NA
Barium	0.14		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	96.8		0.50	0.10	mg/L	1		6010D	Total/NA
Iron	0.064		0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	86.9		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.024		0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	3.5	B	0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	76.6		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.0032	J B	0.010	0.0015	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240291-1
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/14/26 16:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/14/26 16:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/14/26 16:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/14/26 16:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/14/26 16:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/14/26 16:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/26 16:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/14/26 16:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/26 16:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/14/26 16:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/14/26 16:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/26 16:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/26 16:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/26 16:12	1
2-Hexanone	ND		5.0	1.2	ug/L			07/14/26 16:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/14/26 16:12	1
Acetone	**3.3**	**J**	10	3.0	ug/L			07/14/26 16:12	1
Benzene	ND		1.0	0.41	ug/L			07/14/26 16:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/14/26 16:12	1
Bromoform	ND		1.0	0.26	ug/L			07/14/26 16:12	1
Bromomethane	ND		1.0	0.69	ug/L			07/14/26 16:12	1
Carbon disulfide	**0.50**	**J**	1.0	0.19	ug/L			07/14/26 16:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/14/26 16:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/14/26 16:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/14/26 16:12	1
Chloroethane	ND		1.0	0.32	ug/L			07/14/26 16:12	1
Chloroform	ND		1.0	0.34	ug/L			07/14/26 16:12	1
Chloromethane	ND		1.0	0.35	ug/L			07/14/26 16:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/14/26 16:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/14/26 16:12	1
Cyclohexane	ND		1.0	0.18	ug/L			07/14/26 16:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/14/26 16:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/14/26 16:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/14/26 16:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/14/26 16:12	1
Methyl acetate	ND		2.5	1.3	ug/L			07/14/26 16:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/14/26 16:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/14/26 16:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/14/26 16:12	1
Styrene	ND		1.0	0.73	ug/L			07/14/26 16:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/14/26 16:12	1
Toluene	ND		1.0	0.51	ug/L			07/14/26 16:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/14/26 16:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/14/26 16:12	1
Trichloroethene	ND		1.0	0.46	ug/L			07/14/26 16:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/14/26 16:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/26 16:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/14/26 16:12	1

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240291-1
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		07/14/26 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	107		80 - 120		07/14/26 16:12	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/14/26 16:12	1
4-Bromofluorobenzene (Surr)	98		73 - 120		07/14/26 16:12	1
Dibromofluoromethane (Surr)	103		75 - 123		07/14/26 16:12	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.054	ug/L		07/14/26 10:41	07/17/26 12:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	85		15 - 155	07/14/26 10:41	07/17/26 12:42	1
Nitrobenzene-d5 (Surr)	103		41 - 161	07/14/26 10:41	07/17/26 12:42	1
2-Fluorobiphenyl (Surr)	93		32 - 151	07/14/26 10:41	07/17/26 12:42	1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/13/26 06:56	07/14/26 22:35	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/13/26 06:56	07/14/26 22:35	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/14/26 22:35	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/13/26 06:56	07/14/26 22:35	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 22:35	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/13/26 06:56	07/14/26 22:35	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 22:35	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 22:35	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 22:35	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/13/26 06:56	07/14/26 22:35	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/13/26 06:56	07/14/26 22:35	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 22:35	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/13/26 06:56	07/14/26 22:35	1
2-Nitroaniline	ND		10	0.42	ug/L		07/13/26 06:56	07/14/26 22:35	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/14/26 22:35	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 22:35	1
3-Nitroaniline	ND		10	0.48	ug/L		07/13/26 06:56	07/14/26 22:35	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 22:35	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 22:35	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 22:35	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 22:35	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 22:35	1
4-Methylphenol	ND		10	0.36	ug/L		07/13/26 06:56	07/14/26 22:35	1
4-Nitroaniline	ND		10	0.25	ug/L		07/13/26 06:56	07/14/26 22:35	1
4-Nitrophenol	ND		10	1.5	ug/L		07/13/26 06:56	07/14/26 22:35	1
Acenaphthene	ND		5.0	0.41	ug/L		07/13/26 06:56	07/14/26 22:35	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/13/26 06:56	07/14/26 22:35	1
Acetophenone	ND		5.0	0.54	ug/L		07/13/26 06:56	07/14/26 22:35	1
Anthracene	ND		5.0	0.28	ug/L		07/13/26 06:56	07/14/26 22:35	1
Atrazine	ND		5.0	0.46	ug/L		07/13/26 06:56	07/14/26 22:35	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/13/26 06:56	07/14/26 22:35	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 22:35	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240291-1
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 22:35	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/14/26 22:35	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 22:35	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/26 06:56	07/14/26 22:35	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 22:35	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 22:35	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/13/26 06:56	07/14/26 22:35	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/13/26 06:56	07/14/26 22:35	1
Caprolactam	ND		5.0	2.2	ug/L		07/13/26 06:56	07/14/26 22:35	1
Carbazole	ND		5.0	0.30	ug/L		07/13/26 06:56	07/14/26 22:35	1
Chrysene	ND		5.0	0.33	ug/L		07/13/26 06:56	07/14/26 22:35	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/13/26 06:56	07/14/26 22:35	1
Di-n-butyl phthalate	**0.48**	**J**	5.0	0.31	ug/L		07/13/26 06:56	07/14/26 22:35	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 22:35	1
Dibenzofuran	ND		10	0.51	ug/L		07/13/26 06:56	07/14/26 22:35	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/13/26 06:56	07/14/26 22:35	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 22:35	1
Fluoranthene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 22:35	1
Fluorene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 22:35	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 22:35	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/13/26 06:56	07/14/26 22:35	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 22:35	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 22:35	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 22:35	1
Isophorone	ND		5.0	0.43	ug/L		07/13/26 06:56	07/14/26 22:35	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/13/26 06:56	07/14/26 22:35	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 22:35	1
Naphthalene	ND		5.0	0.76	ug/L		07/13/26 06:56	07/14/26 22:35	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/13/26 06:56	07/14/26 22:35	1
Pentachlorophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 22:35	1
Phenanthrene	ND		5.0	0.44	ug/L		07/13/26 06:56	07/14/26 22:35	1
Phenol	ND		5.0	0.39	ug/L		07/13/26 06:56	07/14/26 22:35	1
Pyrene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/14/26 22:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*23*	*T J*	*ug/L*		*4.88*	*N/A*	*07/13/26 06:56*	*07/14/26 22:35*	*1*
2-Propanol, 1-butoxy-	*7.7*	*T J N*	*ug/L*		*5.72*	*5131-66-8*	*07/13/26 06:56*	*07/14/26 22:35*	*1*
Unknown	*5.8*	*T J*	*ug/L*		*6.26*	*N/A*	*07/13/26 06:56*	*07/14/26 22:35*	*1*
Unknown	*1.9*	*T J*	*ug/L*		*6.35*	*N/A*	*07/13/26 06:56*	*07/14/26 22:35*	*1*
4-Piperidinone, 2,2,6,6-tetramethyl-	*4.0*	*T J N*	*ug/L*		*7.07*	*826-36-8*	*07/13/26 06:56*	*07/14/26 22:35*	*1*
2-Propanol, 1-[1-methyl-2-(2-propenyloxy)ethoxy]-	*8.9*	*T J N*	*ug/L*		*7.71*	*55956-25-7*	*07/13/26 06:56*	*07/14/26 22:35*	*1*
2-Propanol, 1-(2-butoxy-1-methylethoxy)-	*7.2*	*T J N*	*ug/L*		*7.74*	*29911-28-2*	*07/13/26 06:56*	*07/14/26 22:35*	*1*
Unknown	*11*	*T J*	*ug/L*		*7.81*	*N/A*	*07/13/26 06:56*	*07/14/26 22:35*	*1*
Unknown	*8.8*	*T J*	*ug/L*		*10.63*	*N/A*	*07/13/26 06:56*	*07/14/26 22:35*	*1*
n-Hexadecanoic acid	*3.0*	*T J N*	*ug/L*		*10.99*	*57-10-3*	*07/13/26 06:56*	*07/14/26 22:35*	*1*
Unknown	*4.0*	*T J*	*ug/L*		*11.34*	*N/A*	*07/13/26 06:56*	*07/14/26 22:35*	*1*
Unknown	*36*	*T J*	*ug/L*		*11.84*	*N/A*	*07/13/26 06:56*	*07/14/26 22:35*	*1*
Unknown	*5.3*	*T J*	*ug/L*		*12.54*	*N/A*	*07/13/26 06:56*	*07/14/26 22:35*	*1*

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240291-1
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	9.8	T J	ug/L		12.97	N/A	07/13/26 06:56	07/14/26 22:35	1
Unknown	2.5	T J	ug/L		13.38	N/A	07/13/26 06:56	07/14/26 22:35	1
Unknown	15	T J	ug/L		14.04	N/A	07/13/26 06:56	07/14/26 22:35	1
Unknown	2.9	T J	ug/L		14.43	N/A	07/13/26 06:56	07/14/26 22:35	1
Unknown	32	T J	ug/L		14.70	N/A	07/13/26 06:56	07/14/26 22:35	1
Unknown	6.6	T J	ug/L		15.61	N/A	07/13/26 06:56	07/14/26 22:35	1
Unknown	37	T J	ug/L		15.97	N/A	07/13/26 06:56	07/14/26 22:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	72		29 - 129	07/13/26 06:56	07/14/26 22:35	1
Phenol-d5 (Surr)	40		10 - 120	07/13/26 06:56	07/14/26 22:35	1
p-Terphenyl-d14 (Surr)	75		33 - 132	07/13/26 06:56	07/14/26 22:35	1
2,4,6-Tribromophenol (Surr)	108		25 - 144	07/13/26 06:56	07/14/26 22:35	1
2-Fluorobiphenyl (Surr)	88		53 - 126	07/13/26 06:56	07/14/26 22:35	1
2-Fluorophenol (Surr)	59		24 - 120	07/13/26 06:56	07/14/26 22:35	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.018**	**J**	0.050	0.0092	ug/L		07/14/26 07:59	07/14/26 16:36	1
4,4'-DDE	**0.013**	**J**	0.050	0.012	ug/L		07/14/26 07:59	07/14/26 16:36	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/14/26 07:59	07/14/26 16:36	1
Aldrin	**0.013**	**J**	0.050	0.0081	ug/L		07/14/26 07:59	07/14/26 16:36	1
alpha-BHC	ND		0.050	0.0077	ug/L		07/14/26 07:59	07/14/26 16:36	1
cis-Chlordane	ND		0.050	0.015	ug/L		07/14/26 07:59	07/14/26 16:36	1
beta-BHC	**0.041**	**J**	0.050	0.025	ug/L		07/14/26 07:59	07/14/26 16:36	1
delta-BHC	**0.012**	**J**	0.050	0.010	ug/L		07/14/26 07:59	07/14/26 16:36	1
Dieldrin	ND		0.050	0.0098	ug/L		07/14/26 07:59	07/14/26 16:36	1
Endosulfan I	ND		0.050	0.011	ug/L		07/14/26 07:59	07/14/26 16:36	1
Endosulfan II	ND		0.050	0.012	ug/L		07/14/26 07:59	07/14/26 16:36	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/14/26 07:59	07/14/26 16:36	1
Endrin	ND		0.050	0.014	ug/L		07/14/26 07:59	07/14/26 16:36	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/14/26 07:59	07/14/26 16:36	1
Endrin ketone	ND		0.050	0.012	ug/L		07/14/26 07:59	07/14/26 16:36	1
gamma-BHC (Lindane)	**0.016**	**J B**	0.050	0.0080	ug/L		07/14/26 07:59	07/14/26 16:36	1
trans-Chlordane	ND		0.050	0.011	ug/L		07/14/26 07:59	07/14/26 16:36	1
Heptachlor	**0.016**	**J**	0.050	0.0085	ug/L		07/14/26 07:59	07/14/26 16:36	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/14/26 07:59	07/14/26 16:36	1
Methoxychlor	ND		0.050	0.014	ug/L		07/14/26 07:59	07/14/26 16:36	1
Toxaphene	ND		0.50	0.12	ug/L		07/14/26 07:59	07/14/26 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		10 - 120	07/14/26 07:59	07/14/26 16:36	1
DCB Decachlorobiphenyl	65		10 - 120	07/14/26 07:59	07/14/26 16:36	1
Tetrachloro-m-xylene	89		10 - 120	07/14/26 07:59	07/14/26 16:36	1
Tetrachloro-m-xylene	108		10 - 120	07/14/26 07:59	07/14/26 16:36	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 17:44	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 17:44	1

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240291-1
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 17:44	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 17:44	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 17:44	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 17:44	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*10 - 145*	*07/13/26 06:39*	*07/13/26 17:44*	*1*
Tetrachloro-m-xylene	*81*		*10 - 145*	*07/13/26 06:39*	*07/13/26 17:44*	*1*
DCB Decachlorobiphenyl	*47*		*10 - 123*	*07/13/26 06:39*	*07/13/26 17:44*	*1*
DCB Decachlorobiphenyl	*44*		*10 - 123*	*07/13/26 06:39*	*07/13/26 17:44*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**3.4**		2.7	0.75	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluoropentanoic acid (PFPeA)	**2.3**		1.4	0.41	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorohexanoic acid (PFHxA)	**14**		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluoroheptanoic acid (PFHpA)	**0.56**	**J**	1.4	0.54	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorooctanoic acid (PFOA)	**1.3**	**J**	1.4	0.61	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorononanoic acid (PFNA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorodecanoic acid (PFDA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluoroundecanoic acid (PFUnA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorododecanoic acid (PFDoA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorobutanesulfonic acid (PFBS)	**2.6**		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.4	0.54	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.4	0.88	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorononanesulfonic acid (PFNS)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.4	0.41	ng/L		07/15/26 09:19	07/15/26 21:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.7	0.68	ng/L		07/15/26 09:19	07/15/26 21:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	**1.6**	**J**	2.7	0.68	ng/L		07/15/26 09:19	07/15/26 21:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.7	0.68	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.4	0.75	ng/L		07/15/26 09:19	07/15/26 21:47	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240291-1
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		6.8	2.7	ng/L		07/15/26 09:19	07/15/26 21:47	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		6.8	2.7	ng/L		07/15/26 09:19	07/15/26 21:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.4	0.95	ng/L		07/15/26 09:19	07/15/26 21:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.4	0.34	ng/L		07/15/26 09:19	07/15/26 21:47	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.7	0.68	ng/L		07/15/26 09:19	07/15/26 21:47	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		6.8	1.9	ng/L		07/15/26 09:19	07/15/26 21:47	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		6.8	1.7	ng/L		07/15/26 09:19	07/15/26 21:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.4*		*5 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C5 PFPeA	*79.1*		*40 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C5 PFHxA	*81.5*		*40 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C4 PFHpA	*75.6*		*40 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C8 PFOA	*82.5*		*40 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C9 PFNA	*78.0*		*40 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C6 PFDA	*73.9*		*40 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C7 PFUnA	*74.5*		*30 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C2 PFTeDA	*60.3*		*10 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C3 PFBS	*81.3*		*40 - 135*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C3 PFHxS	*80.2*		*40 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C8 PFOS	*76.3*		*40 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C8 FOSA	*76.9*		*40 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
d3-NMeFOSAA	*71.2*		*40 - 170*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
d5-NEtFOSAA	*65.3*		*25 - 135*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C2 4:2 FTS	*107*		*40 - 200*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C2 6:2 FTS	*110*		*40 - 200*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C2 8:2 FTS	*164*		*40 - 300*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C3 HFPO-DA	*86.1*		*40 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
d7-N-MeFOSE-M	*55.5*		*10 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
d9-N-EtFOSE-M	*59.0*		*10 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
d5-NEtPFOSA	*53.7*		*10 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
d3-NMePFOSA	*66.2*		*10 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C2 PFDoA	*61.9*		*10 - 130*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C3-3:3 FTCA	*90.8*		*20 - 150*	*07/15/26 09:19*	*07/15/26 21:47*	*1*

Client Sample ID: RI-MW-2

Lab Sample ID: 480-240291-1

Date Collected: 07/10/26 00:00

Matrix: Water

Date Received: 07/10/26 13:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3-5:3 FTCA	*92.6*		*20 - 150*	*07/15/26 09:19*	*07/15/26 21:47*	*1*
13C3-PFDoS	*67.9*		*20 - 150*	*07/15/26 09:19*	*07/15/26 21:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/13/26 08:42	07/13/26 18:27	1
Antimony	ND		0.020	0.0068	mg/L		07/13/26 08:42	07/13/26 18:27	1
Arsenic	ND		0.015	0.0056	mg/L		07/13/26 08:42	07/13/26 18:27	1
Barium	**0.22**		0.0020	0.00070	mg/L		07/13/26 08:42	07/13/26 18:27	1
Beryllium	ND		0.0020	0.00030	mg/L		07/13/26 08:42	07/13/26 18:27	1
Cadmium	ND		0.0020	0.00050	mg/L		07/13/26 08:42	07/13/26 18:27	1
Calcium	**114**		0.50	0.10	mg/L		07/13/26 08:42	07/13/26 18:27	1
Chromium	**0.0011**	**J**	0.0040	0.0010	mg/L		07/13/26 08:42	07/13/26 18:27	1
Cobalt	ND		0.0040	0.00063	mg/L		07/13/26 08:42	07/13/26 18:27	1
Copper	ND	^5+	0.010	0.0016	mg/L		07/13/26 08:42	07/13/26 18:27	1
Iron	**0.037**	**J**	0.050	0.019	mg/L		07/13/26 08:42	07/13/26 18:27	1
Lead	ND		0.010	0.0030	mg/L		07/13/26 08:42	07/13/26 18:27	1
Magnesium	**92.7**		0.20	0.043	mg/L		07/13/26 08:42	07/13/26 18:27	1
Manganese	**0.045**		0.0030	0.00040	mg/L		07/13/26 08:42	07/13/26 18:27	1
Nickel	**0.0041**	**J**	0.010	0.0013	mg/L		07/13/26 08:42	07/13/26 18:27	1
Potassium	**5.5**	**B**	0.50	0.10	mg/L		07/13/26 08:42	07/13/26 18:27	1
Selenium	ND		0.025	0.0087	mg/L		07/13/26 08:42	07/13/26 18:27	1
Silver	ND		0.0060	0.0017	mg/L		07/13/26 08:42	07/13/26 18:27	1
Sodium	**105**		1.0	0.32	mg/L		07/13/26 08:42	07/13/26 18:27	1
Thallium	ND	^5+	0.020	0.010	mg/L		07/13/26 08:42	07/13/26 18:27	1
Vanadium	ND		0.0050	0.0015	mg/L		07/13/26 08:42	07/13/26 18:27	1
Zinc	**0.0022**	**J B**	0.010	0.0015	mg/L		07/13/26 08:42	07/13/26 18:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		07/16/26 12:55	07/16/26 16:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			07/22/26 18:27	1

Client Sample ID: RI-MW-3

Lab Sample ID: 480-240291-2

Date Collected: 07/10/26 00:00

Matrix: Water

Date Received: 07/10/26 13:20

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/14/26 16:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/14/26 16:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/14/26 16:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/14/26 16:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/14/26 16:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/14/26 16:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/26 16:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/14/26 16:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/26 16:34	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240291-2
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/14/26 16:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/14/26 16:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/26 16:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/26 16:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/26 16:34	1
2-Hexanone	ND		5.0	1.2	ug/L			07/14/26 16:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/14/26 16:34	1
Acetone	**20**		10	3.0	ug/L			07/14/26 16:34	1
Benzene	ND		1.0	0.41	ug/L			07/14/26 16:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/14/26 16:34	1
Bromoform	ND		1.0	0.26	ug/L			07/14/26 16:34	1
Bromomethane	ND		1.0	0.69	ug/L			07/14/26 16:34	1
Carbon disulfide	**0.51**	**J**	1.0	0.19	ug/L			07/14/26 16:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/14/26 16:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/14/26 16:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/14/26 16:34	1
Chloroethane	ND		1.0	0.32	ug/L			07/14/26 16:34	1
Chloroform	ND		1.0	0.34	ug/L			07/14/26 16:34	1
Chloromethane	ND		1.0	0.35	ug/L			07/14/26 16:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/14/26 16:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/14/26 16:34	1
Cyclohexane	ND		1.0	0.18	ug/L			07/14/26 16:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/14/26 16:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/14/26 16:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/14/26 16:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/14/26 16:34	1
Methyl acetate	ND		2.5	1.3	ug/L			07/14/26 16:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/14/26 16:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/14/26 16:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/14/26 16:34	1
Styrene	ND		1.0	0.73	ug/L			07/14/26 16:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/14/26 16:34	1
Toluene	ND		1.0	0.51	ug/L			07/14/26 16:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/14/26 16:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/14/26 16:34	1
Trichloroethene	ND		1.0	0.46	ug/L			07/14/26 16:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/14/26 16:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/26 16:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/14/26 16:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*07/14/26 16:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/14/26 16:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*07/14/26 16:34*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*07/14/26 16:34*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*07/14/26 16:34*	*1*

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240291-2
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.054	ug/L		07/14/26 10:41	07/17/26 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*80*		*15 - 155*	*07/14/26 10:41*	*07/17/26 13:12*	*1*
Nitrobenzene-d5 (Surr)	*106*		*41 - 161*	*07/14/26 10:41*	*07/17/26 13:12*	*1*
2-Fluorobiphenyl (Surr)	*93*		*32 - 151*	*07/14/26 10:41*	*07/17/26 13:12*	*1*

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/13/26 06:56	07/15/26 01:41	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/13/26 06:56	07/15/26 01:41	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/15/26 01:41	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/13/26 06:56	07/15/26 01:41	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/13/26 06:56	07/15/26 01:41	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/13/26 06:56	07/15/26 01:41	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/15/26 01:41	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/13/26 06:56	07/15/26 01:41	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/15/26 01:41	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/13/26 06:56	07/15/26 01:41	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/13/26 06:56	07/15/26 01:41	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/13/26 06:56	07/15/26 01:41	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/13/26 06:56	07/15/26 01:41	1
2-Nitroaniline	ND		10	0.42	ug/L		07/13/26 06:56	07/15/26 01:41	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/15/26 01:41	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/13/26 06:56	07/15/26 01:41	1
3-Nitroaniline	ND		10	0.48	ug/L		07/13/26 06:56	07/15/26 01:41	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/13/26 06:56	07/15/26 01:41	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/13/26 06:56	07/15/26 01:41	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/13/26 06:56	07/15/26 01:41	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/13/26 06:56	07/15/26 01:41	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/13/26 06:56	07/15/26 01:41	1
4-Methylphenol	ND		10	0.36	ug/L		07/13/26 06:56	07/15/26 01:41	1
4-Nitroaniline	ND		10	0.25	ug/L		07/13/26 06:56	07/15/26 01:41	1
4-Nitrophenol	ND		10	1.5	ug/L		07/13/26 06:56	07/15/26 01:41	1
Acenaphthene	ND		5.0	0.41	ug/L		07/13/26 06:56	07/15/26 01:41	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/13/26 06:56	07/15/26 01:41	1
Acetophenone	ND		5.0	0.54	ug/L		07/13/26 06:56	07/15/26 01:41	1
Anthracene	ND		5.0	0.28	ug/L		07/13/26 06:56	07/15/26 01:41	1
Atrazine	ND		5.0	0.46	ug/L		07/13/26 06:56	07/15/26 01:41	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/13/26 06:56	07/15/26 01:41	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/15/26 01:41	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/15/26 01:41	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/15/26 01:41	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/13/26 06:56	07/15/26 01:41	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/26 06:56	07/15/26 01:41	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/13/26 06:56	07/15/26 01:41	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/13/26 06:56	07/15/26 01:41	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/13/26 06:56	07/15/26 01:41	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/13/26 06:56	07/15/26 01:41	1
Caprolactam	**7.9**		5.0	2.2	ug/L		07/13/26 06:56	07/15/26 01:41	1

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240291-2
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	ND		5.0	0.30	ug/L		07/13/26 06:56	07/15/26 01:41	1
Chrysene	ND		5.0	0.33	ug/L		07/13/26 06:56	07/15/26 01:41	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/13/26 06:56	07/15/26 01:41	1
Di-n-butyl phthalate	**0.44**	**J**	5.0	0.31	ug/L		07/13/26 06:56	07/15/26 01:41	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/13/26 06:56	07/15/26 01:41	1
Dibenzofuran	ND		10	0.51	ug/L		07/13/26 06:56	07/15/26 01:41	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/13/26 06:56	07/15/26 01:41	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/13/26 06:56	07/15/26 01:41	1
Fluoranthene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/15/26 01:41	1
Fluorene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/15/26 01:41	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/13/26 06:56	07/15/26 01:41	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/13/26 06:56	07/15/26 01:41	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/13/26 06:56	07/15/26 01:41	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/13/26 06:56	07/15/26 01:41	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/15/26 01:41	1
Isophorone	ND		5.0	0.43	ug/L		07/13/26 06:56	07/15/26 01:41	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/13/26 06:56	07/15/26 01:41	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/13/26 06:56	07/15/26 01:41	1
Naphthalene	ND		5.0	0.76	ug/L		07/13/26 06:56	07/15/26 01:41	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/13/26 06:56	07/15/26 01:41	1
Pentachlorophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/15/26 01:41	1
Phenanthrene	ND		5.0	0.44	ug/L		07/13/26 06:56	07/15/26 01:41	1
Phenol	ND		5.0	0.39	ug/L		07/13/26 06:56	07/15/26 01:41	1
Pyrene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/15/26 01:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*16*	*T J*	*ug/L*		*4.87*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Unknown	*4.8*	*T J*	*ug/L*		*9.43*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Unknown	*4.2*	*T J*	*ug/L*		*10.63*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
n-Hexadecanoic acid	*7.1*	*T J N*	*ug/L*		*11.00*	*57-10-3*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Unknown	*2.6*	*T J*	*ug/L*		*11.34*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
4,8,12,16-tetraoxaeicosan-1-ol	*16*	*T J N*	*ug/L*		*11.84*	*1010397-63-6*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Unknown	*3.7*	*T J*	*ug/L*		*11.92*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Unknown	*4.4*	*T J*	*ug/L*		*12.53*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Unknown	*6.8*	*T J*	*ug/L*		*12.98*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Unknown	*2.0*	*T J*	*ug/L*		*13.38*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Unknown	*8.3*	*T J*	*ug/L*		*14.04*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Octocrylene	*5.5*	*T J N*	*ug/L*		*14.09*	*6197-30-4*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Unknown	*2.0*	*T J*	*ug/L*		*14.43*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Unknown	*22*	*T J*	*ug/L*		*14.70*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Unknown	*3.6*	*T J*	*ug/L*		*15.61*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Unknown	*22*	*T J*	*ug/L*		*15.97*	*N/A*	*07/13/26 06:56*	*07/15/26 01:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*58*		*29 - 129*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
Phenol-d5 (Surr)	*32*		*10 - 120*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
p-Terphenyl-d14 (Surr)	*54*		*33 - 132*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*25 - 144*	*07/13/26 06:56*	*07/15/26 01:41*	*1*
2-Fluorobiphenyl (Surr)	*75*		*53 - 126*	*07/13/26 06:56*	*07/15/26 01:41*	*1*

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240291-2
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	47		24 - 120	07/13/26 06:56	07/15/26 01:41	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/14/26 07:59	07/14/26 16:56	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/14/26 07:59	07/14/26 16:56	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/14/26 07:59	07/14/26 16:56	1
Aldrin	ND		0.050	0.0081	ug/L		07/14/26 07:59	07/14/26 16:56	1
alpha-BHC	**0.012**	**J**	0.050	0.0077	ug/L		07/14/26 07:59	07/14/26 16:56	1
cis-Chlordane	ND		0.050	0.015	ug/L		07/14/26 07:59	07/14/26 16:56	1
beta-BHC	ND		0.050	0.025	ug/L		07/14/26 07:59	07/14/26 16:56	1
delta-BHC	ND		0.050	0.010	ug/L		07/14/26 07:59	07/14/26 16:56	1
Dieldrin	ND		0.050	0.0098	ug/L		07/14/26 07:59	07/14/26 16:56	1
Endosulfan I	ND		0.050	0.011	ug/L		07/14/26 07:59	07/14/26 16:56	1
Endosulfan II	ND		0.050	0.012	ug/L		07/14/26 07:59	07/14/26 16:56	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/14/26 07:59	07/14/26 16:56	1
Endrin	ND		0.050	0.014	ug/L		07/14/26 07:59	07/14/26 16:56	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/14/26 07:59	07/14/26 16:56	1
Endrin ketone	ND		0.050	0.012	ug/L		07/14/26 07:59	07/14/26 16:56	1
gamma-BHC (Lindane)	**0.0081**	**J B**	0.050	0.0080	ug/L		07/14/26 07:59	07/14/26 16:56	1
trans-Chlordane	ND		0.050	0.011	ug/L		07/14/26 07:59	07/14/26 16:56	1
Heptachlor	ND		0.050	0.0085	ug/L		07/14/26 07:59	07/14/26 16:56	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/14/26 07:59	07/14/26 16:56	1
Methoxychlor	ND		0.050	0.014	ug/L		07/14/26 07:59	07/14/26 16:56	1
Toxaphene	ND		0.50	0.12	ug/L		07/14/26 07:59	07/14/26 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		10 - 120	07/14/26 07:59	07/14/26 16:56	1
DCB Decachlorobiphenyl	61		10 - 120	07/14/26 07:59	07/14/26 16:56	1
Tetrachloro-m-xylene	75		10 - 120	07/14/26 07:59	07/14/26 16:56	1
Tetrachloro-m-xylene	90		10 - 120	07/14/26 07:59	07/14/26 16:56	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 18:02	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 18:02	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 18:02	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 18:02	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 18:02	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 18:02	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		10 - 145	07/13/26 06:39	07/13/26 18:02	1
Tetrachloro-m-xylene	81		10 - 145	07/13/26 06:39	07/13/26 18:02	1
DCB Decachlorobiphenyl	61		10 - 123	07/13/26 06:39	07/13/26 18:02	1
DCB Decachlorobiphenyl	57		10 - 123	07/13/26 06:39	07/13/26 18:02	1

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240291-2
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.7	0.73	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluoropentanoic acid (PFPeA)	ND		1.3	0.40	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorohexanoic acid (PFHxA)	**1.8**		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluoroheptanoic acid (PFHpA)	ND		1.3	0.53	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorooctanoic acid (PFOA)	**0.82**	**J**	1.3	0.60	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorononanoic acid (PFNA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorodecanoic acid (PFDA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluoroundecanoic acid (PFUnA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorododecanoic acid (PFDoA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluoropentanesulfonic acid (PFPeS)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.3	0.53	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.3	0.87	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorononanesulfonic acid (PFNS)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.3	0.40	ng/L		07/15/26 09:19	07/15/26 22:00	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.7	0.67	ng/L		07/15/26 09:19	07/15/26 22:00	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.7	0.67	ng/L		07/15/26 09:19	07/15/26 22:00	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.7	0.67	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluorooctanesulfonamide (PFOSA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.3	0.73	ng/L		07/15/26 09:19	07/15/26 22:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		6.7	2.7	ng/L		07/15/26 09:19	07/15/26 22:00	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		6.7	2.7	ng/L		07/15/26 09:19	07/15/26 22:00	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.3	0.93	ng/L		07/15/26 09:19	07/15/26 22:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240291-2
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.3	0.33	ng/L		07/15/26 09:19	07/15/26 22:00	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.7	0.67	ng/L		07/15/26 09:19	07/15/26 22:00	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		6.7	1.9	ng/L		07/15/26 09:19	07/15/26 22:00	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		6.7	1.7	ng/L		07/15/26 09:19	07/15/26 22:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*80.1*		*5 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C5 PFPeA	*75.0*		*40 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C5 PFHxA	*76.4*		*40 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C4 PFHpA	*70.8*		*40 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C8 PFOA	*76.3*		*40 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C9 PFNA	*71.6*		*40 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C6 PFDA	*71.6*		*40 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C7 PFUnA	*69.6*		*30 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C2 PFTeDA	*49.7*		*10 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C3 PFBS	*78.2*		*40 - 135*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C3 PFHxS	*77.9*		*40 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C8 PFOS	*70.1*		*40 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C8 FOSA	*73.1*		*40 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
d3-NMeFOSAA	*61.0*		*40 - 170*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
d5-NEtFOSAA	*53.7*		*25 - 135*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C2 4:2 FTS	*88.8*		*40 - 200*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C2 6:2 FTS	*100*		*40 - 200*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C2 8:2 FTS	*167*		*40 - 300*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C3 HFPO-DA	*78.6*		*40 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
d7-N-MeFOSE-M	*47.0*		*10 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
d9-N-EtFOSE-M	*48.7*		*10 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
d5-NEtPFOSA	*42.0*		*10 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
d3-NMePFOSA	*54.8*		*10 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C2 PFDoA	*55.5*		*10 - 130*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C3-3:3 FTCA	*81.8*		*20 - 150*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C3-5:3 FTCA	*87.4*		*20 - 150*	*07/15/26 09:19*	*07/15/26 22:00*	*1*
13C3-PFDoS	*55.8*		*20 - 150*	*07/15/26 09:19*	*07/15/26 22:00*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.063**	**J**	0.20	0.060	mg/L		07/13/26 08:42	07/13/26 18:25	1
Antimony	ND		0.020	0.0068	mg/L		07/13/26 08:42	07/13/26 18:25	1
Arsenic	ND		0.015	0.0056	mg/L		07/13/26 08:42	07/13/26 18:25	1
Barium	**0.14**		0.0020	0.00070	mg/L		07/13/26 08:42	07/13/26 18:25	1
Beryllium	ND		0.0020	0.00030	mg/L		07/13/26 08:42	07/13/26 18:25	1
Cadmium	ND		0.0020	0.00050	mg/L		07/13/26 08:42	07/13/26 18:25	1
Calcium	**96.8**		0.50	0.10	mg/L		07/13/26 08:42	07/13/26 18:25	1
Chromium	ND		0.0040	0.0010	mg/L		07/13/26 08:42	07/13/26 18:25	1
Cobalt	ND		0.0040	0.00063	mg/L		07/13/26 08:42	07/13/26 18:25	1
Copper	ND	^5+	0.010	0.0016	mg/L		07/13/26 08:42	07/13/26 18:25	1

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240291-2
Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.064**		0.050	0.019	mg/L		07/13/26 08:42	07/13/26 18:25	1
Lead	ND		0.010	0.0030	mg/L		07/13/26 08:42	07/13/26 18:25	1
Magnesium	**86.9**		0.20	0.043	mg/L		07/13/26 08:42	07/13/26 18:25	1
Manganese	**0.024**		0.0030	0.00040	mg/L		07/13/26 08:42	07/13/26 18:25	1
Nickel	ND		0.010	0.0013	mg/L		07/13/26 08:42	07/13/26 18:25	1
Potassium	**3.5**	**B**	0.50	0.10	mg/L		07/13/26 08:42	07/13/26 18:25	1
Selenium	ND		0.025	0.0087	mg/L		07/13/26 08:42	07/13/26 18:25	1
Silver	ND		0.0060	0.0017	mg/L		07/13/26 08:42	07/13/26 18:25	1
Sodium	**76.6**		1.0	0.32	mg/L		07/13/26 08:42	07/13/26 18:25	1
Thallium	ND	^5+	0.020	0.010	mg/L		07/13/26 08:42	07/13/26 18:25	1
Vanadium	ND		0.0050	0.0015	mg/L		07/13/26 08:42	07/13/26 18:25	1
Zinc	**0.0032**	**J B**	0.010	0.0015	mg/L		07/13/26 08:42	07/13/26 18:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		07/16/26 12:55	07/16/26 16:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0041	mg/L			07/22/26 18:31	1

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-240291-1	RI-MW-2	107	102	98	103
480-240291-2	RI-MW-3	98	101	100	101
LCS 480-780629/6	Lab Control Sample	94	99	99	98
MB 480-780629/8	Method Blank	103	102	99	101

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		TPHd14	NBZ	FBP
Lab Sample ID	Client Sample ID	(15-155)	(41-161)	(32-151)
480-240291-1	RI-MW-2	85	103	93
480-240291-2	RI-MW-3	80	106	93
LCS 480-780652/2-A	Lab Control Sample	89	102	95
MB 480-780652/1-A	Method Blank	85	99	86

Surrogate Legend

TPHd14 = p-Terphenyl-d14 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	PHL	TPHd14	TBP	FBP	2FP
Lab Sample ID	Client Sample ID	(29-129)	(10-120)	(33-132)	(25-144)	(53-126)	(24-120)
480-240291-1	RI-MW-2	72	40	75	108	88	59
480-240291-2	RI-MW-3	58	32	54	89	75	47
LCS 480-780473/2-A	Lab Control Sample	86	54	100	111	93	74
MB 480-780473/1-A	Method Blank	78	40	97	96	90	58

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)

Surrogate Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-120)	(10-120)	(10-120)	(10-120)
480-240291-1	RI-MW-2	85	65	89	108
480-240291-2	RI-MW-3	75	61	75	90
LCS 480-780601/2-A	Lab Control Sample	94	84	74	90
LCSD 480-780601/3-A	Lab Control Sample Dup	97	86	76	90
MB 480-780601/1-A	Method Blank	86	75	72	87

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(10-145)	(10-145)	(10-123)	(10-123)
480-240291-1	RI-MW-2	86	81	47	44
480-240291-2	RI-MW-3	87	81	61	57
LCS 480-780471/2-A	Lab Control Sample	89	83	68	66
MB 480-780471/1-A	Method Blank	79	79	70	69

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(5-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(40-130)	(30-130)
480-240291-1	RI-MW-2	84.4	79.1	81.5	75.6	82.5	78.0	73.9	74.5
480-240291-2	RI-MW-3	80.1	75.0	76.4	70.8	76.3	71.6	71.6	69.6
LCS 410-851826/21-A	Lab Control Sample	88.7	78.6	82.0	75.6	84.5	83.0	81.9	84.2
LCSD 410-851826/22-A	Lab Control Sample Dup	88.2	89.2	92.5	84.2	90.0	85.2	87.6	87.4
LLCS 410-851826/23-A	Lab Control Sample	85.9	75.3	82.2	71.3	81.2	74.7	76.8	81.4
MB 410-851826/20-A	Method Blank	85.7	76.5	82.4	74.3	82.8	79.3	75.9	75.9

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFTDA	C3PFBS	C3PFHS	C8PFOS	PFOSA	d3NMFOS	d5NEFOS	M242FTS
Lab Sample ID	Client Sample ID	(10-130)	(40-135)	(40-130)	(40-130)	(40-130)	(40-170)	(25-135)	(40-200)
480-240291-1	RI-MW-2	60.3	81.3	80.2	76.3	76.9	71.2	65.3	107
480-240291-2	RI-MW-3	49.7	78.2	77.9	70.1	73.1	61.0	53.7	88.8
LCS 410-851826/21-A	Lab Control Sample	67.5	84.3	84.4	84.1	93.4	77.8	76.5	89.5
LCSD 410-851826/22-A	Lab Control Sample Dup	68.5	93.3	85.9	87.0	89.3	80.8	74.6	90.2
LLCS 410-851826/23-A	Lab Control Sample	61.8	81.7	77.6	74.4	86.2	71.3	66.1	94.9
MB 410-851826/20-A	Method Blank	57.8	82.1	82.0	73.9	81.6	69.4	66.0	92.4

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M262FTS	M282FTS	HFPODA	NMFM	NEFM	d5NPFSA	d3NMFSA	PFDoA
Lab Sample ID	Client Sample ID	(40-200)	(40-300)	(40-130)	(10-130)	(10-130)	(10-130)	(10-130)	(10-130)
480-240291-1	RI-MW-2	110	164	86.1	55.5	59.0	53.7	66.2	61.9
480-240291-2	RI-MW-3	100	167	78.6	47.0	48.7	42.0	54.8	55.5
LCS 410-851826/21-A	Lab Control Sample	107	173	85.8	73.0	73.8	70.2	78.6	74.7
LCSD 410-851826/22-A	Lab Control Sample Dup	98.2	185	96.5	62.6	60.3	64.2	77.6	76.4
LLCS 410-851826/23-A	Lab Control Sample	100	180	83.5	58.0	58.6	63.4	73.7	66.2
MB 410-851826/20-A	Method Blank	94.9	167	82.9	67.1	69.5	61.2	72.7	58.7

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		C3-3:3 FTCA	C3-5:3 FTCA	3C3-PFDoS					
Lab Sample ID	Client Sample ID	(20-150)	(20-150)	(20-150)					
480-240291-1	RI-MW-2	90.8	92.6	67.9					
480-240291-2	RI-MW-3	81.8	87.4	55.8					
LCS 410-851826/21-A	Lab Control Sample	96.4	89.3	79.9					
LCSD 410-851826/22-A	Lab Control Sample Dup	103	97.7	77.7					
LLCS 410-851826/23-A	Lab Control Sample	95.5	84.8	69.2					
MB 410-851826/20-A	Method Blank	93.3	86.1	65.2					

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA

Isotope Dilution Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

d5NEFOS = d5-NEtFOSAA
M242FTS = 13C2 4:2 FTS
M262FTS = 13C2 6:2 FTS
M282FTS = 13C2 8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA
C3-3:3 FTCA = 13C3-3:3 FTCA
C3-5:3 FTCA = 13C3-5:3 FTCA
13C3-PFDoS = 13C3-PFDoS

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-780629/8
Matrix: Water
Analysis Batch: 780629

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/14/26 11:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/14/26 11:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/14/26 11:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/14/26 11:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/14/26 11:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/14/26 11:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/14/26 11:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/14/26 11:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/14/26 11:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/14/26 11:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/14/26 11:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/14/26 11:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/14/26 11:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/14/26 11:59	1
2-Hexanone	ND		5.0	1.2	ug/L			07/14/26 11:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/14/26 11:59	1
Acetone	ND		10	3.0	ug/L			07/14/26 11:59	1
Benzene	ND		1.0	0.41	ug/L			07/14/26 11:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/14/26 11:59	1
Bromoform	ND		1.0	0.26	ug/L			07/14/26 11:59	1
Bromomethane	ND		1.0	0.69	ug/L			07/14/26 11:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/14/26 11:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/14/26 11:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/14/26 11:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/14/26 11:59	1
Chloroethane	ND		1.0	0.32	ug/L			07/14/26 11:59	1
Chloroform	ND		1.0	0.34	ug/L			07/14/26 11:59	1
Chloromethane	ND		1.0	0.35	ug/L			07/14/26 11:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/14/26 11:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/14/26 11:59	1
Cyclohexane	ND		1.0	0.18	ug/L			07/14/26 11:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/14/26 11:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/14/26 11:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/14/26 11:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/14/26 11:59	1
Methyl acetate	ND		2.5	1.3	ug/L			07/14/26 11:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/14/26 11:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/14/26 11:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/14/26 11:59	1
Styrene	ND		1.0	0.73	ug/L			07/14/26 11:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/14/26 11:59	1
Toluene	ND		1.0	0.51	ug/L			07/14/26 11:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/14/26 11:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/14/26 11:59	1
Trichloroethene	ND		1.0	0.46	ug/L			07/14/26 11:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/14/26 11:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/14/26 11:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/14/26 11:59	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-780629/8
Matrix: Water
Analysis Batch: 780629

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		07/14/26 11:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		07/14/26 11:59	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/14/26 11:59	1
4-Bromofluorobenzene (Surr)	99		73 - 120		07/14/26 11:59	1
Dibromofluoromethane (Surr)	101		75 - 123		07/14/26 11:59	1

Lab Sample ID: LCS 480-780629/6
Matrix: Water
Analysis Batch: 780629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.0		ug/L		100	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.6		ug/L		110	76 - 120
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.3		ug/L		105	61 - 148
1,1-Dichloroethane	25.0	24.5		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	25.7		ug/L		103	66 - 127
1,2,4-Trichlorobenzene	25.0	23.4		ug/L		94	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.6		ug/L		106	56 - 134
1,2-Dichlorobenzene	25.0	23.9		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	23.7		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	25.8		ug/L		103	76 - 120
1,3-Dichlorobenzene	25.0	24.7		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	23.6		ug/L		95	80 - 120
2-Butanone (MEK)	125	132		ug/L		105	57 - 140
2-Hexanone	125	116		ug/L		93	65 - 127
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125
Acetone	125	122		ug/L		97	56 - 142
Benzene	25.0	24.6		ug/L		99	71 - 124
Bromodichloromethane	25.0	27.1		ug/L		108	80 - 122
Bromoform	25.0	26.3		ug/L		105	61 - 132
Bromomethane	25.0	23.5		ug/L		94	55 - 144
Carbon disulfide	25.0	24.7		ug/L		99	59 - 134
Carbon tetrachloride	25.0	26.2		ug/L		105	72 - 134
Chlorobenzene	25.0	24.2		ug/L		97	80 - 120
Dibromochloromethane	25.0	25.1		ug/L		100	75 - 125
Chloroethane	25.0	24.1		ug/L		96	69 - 136
Chloroform	25.0	23.0		ug/L		92	73 - 127
Chloromethane	25.0	24.8		ug/L		99	68 - 124
cis-1,2-Dichloroethene	25.0	24.4		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	24.7		ug/L		99	74 - 124
Cyclohexane	25.0	27.0		ug/L		108	59 - 135
Dichlorodifluoromethane	25.0	29.2		ug/L		117	59 - 135
Ethylbenzene	25.0	24.4		ug/L		98	77 - 123
1,2-Dibromoethane	25.0	27.7		ug/L		111	77 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-780629/6
Matrix: Water
Analysis Batch: 780629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropylbenzene	25.0	26.4		ug/L		106	77 - 122
Methyl acetate	50.0	50.9		ug/L		102	74 - 133
Methyl tert-butyl ether	25.0	24.7		ug/L		99	77 - 120
Methylcyclohexane	25.0	25.9		ug/L		104	68 - 134
Methylene Chloride	25.0	24.6		ug/L		99	75 - 124
Styrene	25.0	24.2		ug/L		97	80 - 120
Tetrachloroethene	25.0	23.8		ug/L		95	74 - 122
Toluene	25.0	23.3		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	24.6		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	26.6		ug/L		106	80 - 120
Trichloroethene	25.0	24.6		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	25.5		ug/L		102	62 - 150
Vinyl chloride	25.0	24.9		ug/L		100	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 480-780652/1-A
Matrix: Water
Analysis Batch: 780938

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780652

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.054	ug/L		07/14/26 10:41	07/17/26 09:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*85*		*15 - 155*	*07/14/26 10:41*	*07/17/26 09:07*	*1*
Nitrobenzene-d5 (Surr)	*99*		*41 - 161*	*07/14/26 10:41*	*07/17/26 09:07*	*1*
2-Fluorobiphenyl (Surr)	*86*		*32 - 151*	*07/14/26 10:41*	*07/17/26 09:07*	*1*

Lab Sample ID: LCS 480-780652/2-A
Matrix: Water
Analysis Batch: 780938

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780652

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	5.71	2.29		ug/L		40	14 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl-d14 (Surr)	*89*		*15 - 155*
Nitrobenzene-d5 (Surr)	*102*		*41 - 161*
2-Fluorobiphenyl (Surr)	*95*		*32 - 151*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-780473/1-A
Matrix: Water
Analysis Batch: 780620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		07/13/26 06:56	07/14/26 17:17	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 17:17	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 17:17	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		07/13/26 06:56	07/14/26 17:17	1
2-Chlorophenol	ND		5.0	0.53	ug/L		07/13/26 06:56	07/14/26 17:17	1
2-Methylphenol	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 17:17	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		07/13/26 06:56	07/14/26 17:17	1
2-Nitroaniline	ND		10	0.42	ug/L		07/13/26 06:56	07/14/26 17:17	1
2-Nitrophenol	ND		5.0	0.48	ug/L		07/13/26 06:56	07/14/26 17:17	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 17:17	1
3-Nitroaniline	ND		10	0.48	ug/L		07/13/26 06:56	07/14/26 17:17	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Chloroaniline	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Methylphenol	ND		10	0.36	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Nitroaniline	ND		10	0.25	ug/L		07/13/26 06:56	07/14/26 17:17	1
4-Nitrophenol	ND		10	1.5	ug/L		07/13/26 06:56	07/14/26 17:17	1
Acenaphthene	ND		5.0	0.41	ug/L		07/13/26 06:56	07/14/26 17:17	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/13/26 06:56	07/14/26 17:17	1
Acetophenone	ND		5.0	0.54	ug/L		07/13/26 06:56	07/14/26 17:17	1
Anthracene	ND		5.0	0.28	ug/L		07/13/26 06:56	07/14/26 17:17	1
Atrazine	ND		5.0	0.46	ug/L		07/13/26 06:56	07/14/26 17:17	1
Benzaldehyde	ND		5.0	0.27	ug/L		07/13/26 06:56	07/14/26 17:17	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 17:17	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 17:17	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/14/26 17:17	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 17:17	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/13/26 06:56	07/14/26 17:17	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		07/13/26 06:56	07/14/26 17:17	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 17:17	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		07/13/26 06:56	07/14/26 17:17	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		07/13/26 06:56	07/14/26 17:17	1
Caprolactam	ND		5.0	2.2	ug/L		07/13/26 06:56	07/14/26 17:17	1
Carbazole	ND		5.0	0.30	ug/L		07/13/26 06:56	07/14/26 17:17	1
Chrysene	ND		5.0	0.33	ug/L		07/13/26 06:56	07/14/26 17:17	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/13/26 06:56	07/14/26 17:17	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		07/13/26 06:56	07/14/26 17:17	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 17:17	1
Dibenzofuran	ND		10	0.51	ug/L		07/13/26 06:56	07/14/26 17:17	1
Diethyl phthalate	ND		5.0	0.22	ug/L		07/13/26 06:56	07/14/26 17:17	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-780473/1-A
Matrix: Water
Analysis Batch: 780620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 17:17	1
Fluoranthene	ND		5.0	0.40	ug/L		07/13/26 06:56	07/14/26 17:17	1
Fluorene	ND		5.0	0.36	ug/L		07/13/26 06:56	07/14/26 17:17	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 17:17	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		07/13/26 06:56	07/14/26 17:17	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 17:17	1
Hexachloroethane	ND		5.0	0.59	ug/L		07/13/26 06:56	07/14/26 17:17	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/13/26 06:56	07/14/26 17:17	1
Isophorone	ND		5.0	0.43	ug/L		07/13/26 06:56	07/14/26 17:17	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		07/13/26 06:56	07/14/26 17:17	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		07/13/26 06:56	07/14/26 17:17	1
Naphthalene	ND		5.0	0.76	ug/L		07/13/26 06:56	07/14/26 17:17	1
Nitrobenzene	ND		5.0	0.29	ug/L		07/13/26 06:56	07/14/26 17:17	1
Pentachlorophenol	ND		10	2.2	ug/L		07/13/26 06:56	07/14/26 17:17	1
Phenanthrene	ND		5.0	0.44	ug/L		07/13/26 06:56	07/14/26 17:17	1
Phenol	ND		5.0	0.39	ug/L		07/13/26 06:56	07/14/26 17:17	1
Pyrene	ND		5.0	0.34	ug/L		07/13/26 06:56	07/14/26 17:17	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*34.0*	*T J*	*ug/L*		*4.88*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*2.43*	*T J*	*ug/L*		*11.33*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
5-Octadecene, (E)-	*6.28*	*T J N*	*ug/L*		*11.60*	*7206-21-5*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*25.8*	*T J*	*ug/L*		*11.83*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*4.95*	*T J*	*ug/L*		*12.53*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*8.69*	*T J*	*ug/L*		*12.96*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*1.83*	*T J*	*ug/L*		*13.37*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*8.70*	*T J*	*ug/L*		*14.03*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*2.34*	*T J*	*ug/L*		*14.42*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*25.6*	*T J*	*ug/L*		*14.70*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*4.46*	*T J*	*ug/L*		*15.60*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Unknown	*24.4*	*T J*	*ug/L*		*15.96*	*N/A*	*07/13/26 06:56*	*07/14/26 17:17*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*78*		*29 - 129*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
Phenol-d5 (Surr)	*40*		*10 - 120*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
p-Terphenyl-d14 (Surr)	*97*		*33 - 132*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
2,4,6-Tribromophenol (Surr)	*96*		*25 - 144*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
2-Fluorobiphenyl (Surr)	*90*		*53 - 126*	*07/13/26 06:56*	*07/14/26 17:17*	*1*
2-Fluorophenol (Surr)	*58*		*24 - 120*	*07/13/26 06:56*	*07/14/26 17:17*	*1*

Lab Sample ID: LCS 480-780473/2-A
Matrix: Water
Analysis Batch: 780620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	32.0	22.5		ug/L		70	59 - 120
bis (2-chloroisopropyl) ether	32.0	22.7		ug/L		71	21 - 136
2,4,5-Trichlorophenol	32.0	27.1		ug/L		85	65 - 126

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-780473/2-A
Matrix: Water
Analysis Batch: 780620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	32.0	27.0		ug/L		84	64 - 120
2,4-Dichlorophenol	32.0	24.4		ug/L		76	63 - 120
2,4-Dimethylphenol	32.0	23.6		ug/L		74	47 - 120
2,4-Dinitrophenol	64.0	45.1		ug/L		70	31 - 137
2,4-Dinitrotoluene	32.0	26.9		ug/L		84	69 - 120
2,6-Dinitrotoluene	32.0	26.4		ug/L		82	68 - 120
2-Chloronaphthalene	32.0	22.4		ug/L		70	58 - 120
2-Chlorophenol	32.0	24.1		ug/L		75	48 - 120
2-Methylphenol	32.0	22.8		ug/L		71	39 - 120
2-Methylnaphthalene	32.0	21.1		ug/L		66	59 - 120
2-Nitroaniline	32.0	24.0		ug/L		75	54 - 127
2-Nitrophenol	32.0	24.4		ug/L		76	52 - 125
3,3'-Dichlorobenzidine	32.0	27.7		ug/L		86	49 - 135
3-Nitroaniline	32.0	28.9		ug/L		90	51 - 120
4,6-Dinitro-2-methylphenol	64.0	46.9		ug/L		73	46 - 136
4-Bromophenyl phenyl ether	32.0	24.7		ug/L		77	65 - 120
4-Chloro-3-methylphenol	32.0	24.0		ug/L		75	61 - 123
4-Chloroaniline	32.0	19.6		ug/L		61	30 - 120
4-Chlorophenyl phenyl ether	32.0	25.2		ug/L		79	62 - 120
4-Methylphenol	32.0	22.4		ug/L		70	29 - 131
4-Nitroaniline	32.0	35.0		ug/L		109	65 - 120
4-Nitrophenol	64.0	36.8		ug/L		58	45 - 120
Acenaphthene	32.0	22.9		ug/L		72	60 - 120
Acenaphthylene	32.0	23.5		ug/L		73	63 - 120
Acetophenone	32.0	25.0		ug/L		78	45 - 120
Anthracene	32.0	24.4		ug/L		76	67 - 120
Atrazine	32.0	35.2		ug/L		110	71 - 130
Benzaldehyde	32.0	29.9		ug/L		94	10 - 140
Benzo[a]anthracene	32.0	26.5		ug/L		83	70 - 121
Benzo[a]pyrene	32.0	25.0		ug/L		78	60 - 123
Benzo[b]fluoranthene	32.0	25.3		ug/L		79	66 - 126
Benzo[g,h,i]perylene	32.0	26.2		ug/L		82	66 - 150
Benzo[k]fluoranthene	32.0	25.3		ug/L		79	65 - 124
Bis(2-chloroethoxy)methane	32.0	23.8		ug/L		75	50 - 128
Bis(2-chloroethyl)ether	32.0	27.3		ug/L		85	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	23.5		ug/L		73	63 - 139
Butyl benzyl phthalate	32.0	25.0		ug/L		78	70 - 129
Caprolactam	32.0	9.87		ug/L		31	10 - 120
Carbazole	32.0	36.5		ug/L		114	66 - 147
Chrysene	32.0	25.4		ug/L		79	69 - 120
Dibenz(a,h)anthracene	32.0	26.6		ug/L		83	65 - 135
Di-n-butyl phthalate	32.0	24.9		ug/L		78	69 - 131
Di-n-octyl phthalate	32.0	24.5		ug/L		77	63 - 140
Dibenzofuran	32.0	24.4		ug/L		76	66 - 120
Diethyl phthalate	32.0	26.2		ug/L		82	59 - 127
Dimethyl phthalate	32.0	25.7		ug/L		80	68 - 120
Fluoranthene	32.0	26.6		ug/L		83	69 - 126
Fluorene	32.0	24.5		ug/L		76	66 - 120
Hexachlorobenzene	32.0	22.8		ug/L		71	61 - 120

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-780473/2-A
Matrix: Water
Analysis Batch: 780620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	32.0	18.0		ug/L		56	35 - 120
Hexachlorocyclopentadiene	32.0	13.1		ug/L		41	31 - 120
Hexachloroethane	32.0	19.8		ug/L		62	33 - 120
Indeno[1,2,3-cd]pyrene	32.0	25.6		ug/L		80	69 - 146
Isophorone	32.0	23.7		ug/L		74	55 - 120
N-Nitrosodi-n-propylamine	32.0	24.8		ug/L		78	32 - 140
N-Nitrosodiphenylamine	32.0	25.6		ug/L		80	61 - 120
Naphthalene	32.0	21.7		ug/L		68	57 - 120
Nitrobenzene	32.0	22.7		ug/L		71	53 - 123
Pentachlorophenol	64.0	44.5		ug/L		70	10 - 136
Phenanthrene	32.0	26.5		ug/L		83	68 - 120
Phenol	32.0	14.0		ug/L		44	17 - 120
Pyrene	32.0	25.6		ug/L		80	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*86*		*29 - 129*
Phenol-d5 (Surr)	*54*		*10 - 120*
p-Terphenyl-d14 (Surr)	*100*		*33 - 132*
2,4,6-Tribromophenol (Surr)	*111*		*25 - 144*
2-Fluorobiphenyl (Surr)	*93*		*53 - 126*
2-Fluorophenol (Surr)	*74*		*24 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-780601/1-A
Matrix: Water
Analysis Batch: 780660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		07/14/26 07:59	07/14/26 14:19	1
4,4'-DDE	ND		0.050	0.012	ug/L		07/14/26 07:59	07/14/26 14:19	1
4,4'-DDT	ND		0.050	0.011	ug/L		07/14/26 07:59	07/14/26 14:19	1
Aldrin	ND		0.050	0.0081	ug/L		07/14/26 07:59	07/14/26 14:19	1
alpha-BHC	ND		0.050	0.0077	ug/L		07/14/26 07:59	07/14/26 14:19	1
cis-Chlordane	ND		0.050	0.015	ug/L		07/14/26 07:59	07/14/26 14:19	1
beta-BHC	ND		0.050	0.025	ug/L		07/14/26 07:59	07/14/26 14:19	1
delta-BHC	ND		0.050	0.010	ug/L		07/14/26 07:59	07/14/26 14:19	1
Dieldrin	ND		0.050	0.0098	ug/L		07/14/26 07:59	07/14/26 14:19	1
Endosulfan I	ND		0.050	0.011	ug/L		07/14/26 07:59	07/14/26 14:19	1
Endosulfan II	ND		0.050	0.012	ug/L		07/14/26 07:59	07/14/26 14:19	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		07/14/26 07:59	07/14/26 14:19	1
Endrin	ND		0.050	0.014	ug/L		07/14/26 07:59	07/14/26 14:19	1
Endrin aldehyde	ND		0.050	0.016	ug/L		07/14/26 07:59	07/14/26 14:19	1
Endrin ketone	ND		0.050	0.012	ug/L		07/14/26 07:59	07/14/26 14:19	1
gamma-BHC (Lindane)	0.0101	J	0.050	0.0080	ug/L		07/14/26 07:59	07/14/26 14:19	1
trans-Chlordane	ND		0.050	0.011	ug/L		07/14/26 07:59	07/14/26 14:19	1
Heptachlor	ND		0.050	0.0085	ug/L		07/14/26 07:59	07/14/26 14:19	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		07/14/26 07:59	07/14/26 14:19	1
Methoxychlor	ND		0.050	0.014	ug/L		07/14/26 07:59	07/14/26 14:19	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-780601/1-A
Matrix: Water
Analysis Batch: 780660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		0.50	0.12	ug/L		07/14/26 07:59	07/14/26 14:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*10 - 120*	*07/14/26 07:59*	*07/14/26 14:19*	*1*
DCB Decachlorobiphenyl	*75*		*10 - 120*	*07/14/26 07:59*	*07/14/26 14:19*	*1*
Tetrachloro-m-xylene	*72*		*10 - 120*	*07/14/26 07:59*	*07/14/26 14:19*	*1*
Tetrachloro-m-xylene	*87*		*10 - 120*	*07/14/26 07:59*	*07/14/26 14:19*	*1*

Lab Sample ID: LCS 480-780601/2-A
Matrix: Water
Analysis Batch: 780660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780601

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			0.400	0.388		ug/L		97	66 - 143		
4,4'-DDE			0.400	0.356		ug/L		89	50 - 125		
4,4'-DDT			0.400	0.425		ug/L		106	64 - 138		
Aldrin			0.400	0.340		ug/L		85	26 - 120		
alpha-BHC			0.400	0.380		ug/L		95	34 - 120		
cis-Chlordane			0.400	0.429		ug/L		107	51 - 127		
beta-BHC			0.400	0.364		ug/L		91	53 - 132		
delta-BHC			0.400	0.402		ug/L		100	47 - 131		
Dieldrin			0.400	0.391		ug/L		98	64 - 142		
Endosulfan I			0.400	0.292		ug/L		73	48 - 140		
Endosulfan II			0.400	0.382		ug/L		96	71 - 146		
Endosulfan sulfate			0.400	0.293		ug/L		73	48 - 153		
Endrin			0.400	0.412		ug/L		103	63 - 142		
Endrin aldehyde			0.400	0.390		ug/L		98	50 - 142		
Endrin ketone			0.400	0.378		ug/L		95	73 - 146		
gamma-BHC (Lindane)			0.400	0.362		ug/L		90	42 - 128		
trans-Chlordane			0.400	0.393		ug/L		98	47 - 131		
Heptachlor			0.400	0.312		ug/L		78	44 - 125		
Heptachlor epoxide			0.400	0.391		ug/L		98	63 - 142		
Methoxychlor			0.400	0.297		ug/L		74	54 - 158		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*94*		*10 - 120*
DCB Decachlorobiphenyl	*84*		*10 - 120*
Tetrachloro-m-xylene	*74*		*10 - 120*
Tetrachloro-m-xylene	*90*		*10 - 120*

Lab Sample ID: LCSD 480-780601/3-A
Matrix: Water
Analysis Batch: 780660

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 780601

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.400	0.388		ug/L		97	66 - 143	0	23
4,4'-DDE			0.400	0.355		ug/L		89	50 - 125	0	22
4,4'-DDT			0.400	0.429		ug/L		107	64 - 138	1	24

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 480-780601/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 780660
Prep Batch: 780601

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin			0.400	0.346		ug/L		86	26 - 120	2	25
alpha-BHC			0.400	0.385		ug/L		96	34 - 120	1	24
cis-Chlordane			0.400	0.429		ug/L		107	51 - 127	0	23
beta-BHC			0.400	0.381		ug/L		95	53 - 132	4	24
delta-BHC			0.400	0.409		ug/L		102	47 - 131	2	24
Dieldrin			0.400	0.395		ug/L		99	64 - 142	1	24
Endosulfan I			0.400	0.289		ug/L		72	48 - 140	1	30
Endosulfan II			0.400	0.385		ug/L		96	71 - 146	1	40
Endosulfan sulfate			0.400	0.298		ug/L		75	48 - 153	2	24
Endrin			0.400	0.406		ug/L		102	63 - 142	1	24
Endrin aldehyde			0.400	0.381		ug/L		95	50 - 142	2	28
Endrin ketone			0.400	0.389		ug/L		97	73 - 146	3	26
gamma-BHC (Lindane)			0.400	0.368		ug/L		92	42 - 128	2	24
trans-Chlordane			0.400	0.397		ug/L		99	47 - 131	1	24
Heptachlor			0.400	0.314		ug/L		78	44 - 125	0	25
Heptachlor epoxide			0.400	0.395		ug/L		99	63 - 142	1	23
Methoxychlor			0.400	0.296		ug/L		74	54 - 158	0	26

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*97*		*10 - 120*
DCB Decachlorobiphenyl	*86*		*10 - 120*
Tetrachloro-m-xylene	*76*		*10 - 120*
Tetrachloro-m-xylene	*90*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-780471/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 780516
Prep Batch: 780471

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 12:50	1
PCB-1221	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 12:50	1
PCB-1232	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 12:50	1
PCB-1242	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 12:50	1
PCB-1248	ND		0.50	0.18	ug/L		07/13/26 06:39	07/13/26 12:50	1
PCB-1254	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 12:50	1
PCB-1260	ND		0.50	0.25	ug/L		07/13/26 06:39	07/13/26 12:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*10 - 145*	*07/13/26 06:39*	*07/13/26 12:50*	*1*
Tetrachloro-m-xylene	*79*		*10 - 145*	*07/13/26 06:39*	*07/13/26 12:50*	*1*
DCB Decachlorobiphenyl	*70*		*10 - 123*	*07/13/26 06:39*	*07/13/26 12:50*	*1*
DCB Decachlorobiphenyl	*69*		*10 - 123*	*07/13/26 06:39*	*07/13/26 12:50*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-780471/2-A
Matrix: Water
Analysis Batch: 780516

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780471

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			4.00	3.83		ug/L		96	62 - 130		
PCB-1260			4.00	3.57		ug/L		89	56 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*89*		*10 - 145*
Tetrachloro-m-xylene	*83*		*10 - 145*
DCB Decachlorobiphenyl	*68*		*10 - 123*
DCB Decachlorobiphenyl	*66*		*10 - 123*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-851826/20-A
Matrix: Water
Analysis Batch: 851823

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851826

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.0	1.1	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.60	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.90	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.80	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorononanesulfonic acid (PFNS)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.60	ng/L		07/15/26 09:19	07/15/26 19:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.0	1.0	ng/L		07/15/26 09:19	07/15/26 19:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.0	1.0	ng/L		07/15/26 09:19	07/15/26 19:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.0	1.0	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.0	1.1	ng/L		07/15/26 09:19	07/15/26 19:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-851826/20-A
Matrix: Water
Analysis Batch: 851823

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851826

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		10	4.0	ng/L		07/15/26 09:19	07/15/26 19:17	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		10	4.0	ng/L		07/15/26 09:19	07/15/26 19:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	1.4	ng/L		07/15/26 09:19	07/15/26 19:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0	0.50	ng/L		07/15/26 09:19	07/15/26 19:17	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.0	1.0	ng/L		07/15/26 09:19	07/15/26 19:17	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		10	2.8	ng/L		07/15/26 09:19	07/15/26 19:17	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		10	2.5	ng/L		07/15/26 09:19	07/15/26 19:17	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.7*		*5 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C5 PFPeA	*76.5*		*40 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C5 PFHxA	*82.4*		*40 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C4 PFHpA	*74.3*		*40 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C8 PFOA	*82.8*		*40 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C9 PFNA	*79.3*		*40 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C6 PFDA	*75.9*		*40 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C7 PFUnA	*75.9*		*30 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C2 PFTeDA	*57.8*		*10 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C3 PFBS	*82.1*		*40 - 135*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C3 PFHxS	*82.0*		*40 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C8 PFOS	*73.9*		*40 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C8 FOSA	*81.6*		*40 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
d3-NMeFOSAA	*69.4*		*40 - 170*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
d5-NEtFOSAA	*66.0*		*25 - 135*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C2 4:2 FTS	*92.4*		*40 - 200*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C2 6:2 FTS	*94.9*		*40 - 200*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C2 8:2 FTS	*167*		*40 - 300*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
13C3 HFPO-DA	*82.9*		*40 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
d7-N-MeFOSE-M	*67.1*		*10 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
d9-N-EtFOSE-M	*69.5*		*10 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*
d5-NEtPFOSA	*61.2*		*10 - 130*	*07/15/26 09:19*	*07/15/26 19:17*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-851826/20-A
Matrix: Water
Analysis Batch: 851823

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 851826

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d3-NMePFOSA	72.7		10 - 130	07/15/26 09:19	07/15/26 19:17	1
13C2 PFDoA	58.7		10 - 130	07/15/26 09:19	07/15/26 19:17	1
13C3-3:3 FTCA	93.3		20 - 150	07/15/26 09:19	07/15/26 19:17	1
13C3-5:3 FTCA	86.1		20 - 150	07/15/26 09:19	07/15/26 19:17	1
13C3-PFDoS	65.2		20 - 150	07/15/26 09:19	07/15/26 19:17	1

Lab Sample ID: LCS 410-851826/21-A
Matrix: Water
Analysis Batch: 851823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851826

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	80.0	79.7		ng/L		100	70 - 140
Perfluoropentanoic acid (PFPeA)	40.0	39.9		ng/L		100	65 - 135
Perfluorohexanoic acid (PFHxA)	40.0	39.7		ng/L		99	70 - 145
Perfluoroheptanoic acid (PFHpA)	40.0	36.8		ng/L		92	70 - 150
Perfluorooctanoic acid (PFOA)	40.0	36.8		ng/L		92	70 - 150
Perfluorononanoic acid (PFNA)	40.0	35.6		ng/L		89	70 - 150
Perfluorodecanoic acid (PFDA)	40.0	40.1		ng/L		100	70 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	36.2		ng/L		90	70 - 145
Perfluorododecanoic acid (PFDoA)	40.0	39.0		ng/L		98	70 - 140
Perfluorotridecanoic acid (PFTrDA)	40.0	41.0		ng/L		103	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	40.0	38.5		ng/L		96	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.5	30.0		ng/L		84	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	37.6	36.8		ng/L		98	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.5	30.8		ng/L		84	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	38.2	38.5		ng/L		101	70 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	39.6		ng/L		106	55 - 150
Perfluorononanesulfonic acid (PFNS)	38.5	36.9		ng/L		96	65 - 145
Perfluorodecanesulfonic acid (PFDS)	38.6	35.9		ng/L		93	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	33.2		ng/L		86	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	75.0	68.3		ng/L		91	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	76.2	63.9		ng/L		84	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	76.8	67.8		ng/L		88	60 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	39.6		ng/L		99	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	40.0	39.2		ng/L		98	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-851826/21-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 851823
Prep Batch: 851826

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
N-ethylperfluorooctane sulfonamide (NEtFOSA)			40.0	40.5		ng/L		101	65 - 145		
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			40.0	41.1		ng/L		103	50 - 140		
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			40.0	35.8		ng/L		90	70 - 145		
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			200	186		ng/L		93	70 - 145		
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			200	186		ng/L		93	70 - 135		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			30.0	28.4		ng/L		95	70 - 140		
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			37.8	40.3		ng/L		107	65 - 145		
Perfluoro-3-methoxypropanoic acid (PFMPA)			40.0	40.2		ng/L		100	55 - 140		
Perfluoro-4-methoxybutanoic acid (PFMBA)			40.0	41.9		ng/L		105	60 - 150		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			40.0	34.0		ng/L		85	50 - 150		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			37.4	36.9		ng/L		99	70 - 155		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			37.8	38.3		ng/L		101	55 - 160		
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			35.7	34.6		ng/L		97	70 - 140		
3-Perfluoropropylpropanoic acid (3:3 FTCA)			80.0	72.9		ng/L		91	65 - 130		
3-Perfluoropentylpropanoic acid (5:3 FTCA)			200	160		ng/L		80	70 - 135		
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			200	155		ng/L		77	50 - 145		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*88.7*		*5 - 130*
13C5 PFPeA	*78.6*		*40 - 130*
13C5 PFHxA	*82.0*		*40 - 130*
13C4 PFHpA	*75.6*		*40 - 130*
13C8 PFOA	*84.5*		*40 - 130*
13C9 PFNA	*83.0*		*40 - 130*
13C6 PFDA	*81.9*		*40 - 130*
13C7 PFUnA	*84.2*		*30 - 130*
13C2 PFTeDA	*67.5*		*10 - 130*
13C3 PFBS	*84.3*		*40 - 135*
13C3 PFHxS	*84.4*		*40 - 130*
13C8 PFOS	*84.1*		*40 - 130*
13C8 FOSA	*93.4*		*40 - 130*
d3-NMeFOSAA	*77.8*		*40 - 170*
d5-NEtFOSAA	*76.5*		*25 - 135*
13C2 4:2 FTS	*89.5*		*40 - 200*
13C2 6:2 FTS	*107*		*40 - 200*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-851826/21-A
Matrix: Water
Analysis Batch: 851823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851826

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C2 8:2 FTS	173		40 - 300
13C3 HFPO-DA	85.8		40 - 130
d7-N-MeFOSE-M	73.0		10 - 130
d9-N-EtFOSE-M	73.8		10 - 130
d5-NEtPFOSA	70.2		10 - 130
d3-NMePFOSA	78.6		10 - 130
13C2 PFDoA	74.7		10 - 130
13C3-3:3 FTCA	96.4		20 - 150
13C3-5:3 FTCA	89.3		20 - 150
13C3-PFDoS	79.9		20 - 150

Lab Sample ID: LCSD 410-851826/22-A
Matrix: Water
Analysis Batch: 851823

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 851826

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			80.0	82.4		ng/L		103	70 - 140	3	30
Perfluoropentanoic acid (PFPeA)			40.0	40.4		ng/L		101	65 - 135	1	30
Perfluorohexanoic acid (PFHxA)			40.0	40.3		ng/L		101	70 - 145	1	30
Perfluoroheptanoic acid (PFHpA)			40.0	39.7		ng/L		99	70 - 150	7	30
Perfluorooctanoic acid (PFOA)			40.0	39.1		ng/L		98	70 - 150	6	30
Perfluorononanoic acid (PFNA)			40.0	35.1		ng/L		88	70 - 150	1	30
Perfluorodecanoic acid (PFDA)			40.0	41.5		ng/L		104	70 - 140	3	30
Perfluoroundecanoic acid (PFUnA)			40.0	36.2		ng/L		90	70 - 145	0	30
Perfluorododecanoic acid (PFDoA)			40.0	39.0		ng/L		97	70 - 140	0	30
Perfluorotridecanoic acid (PFTrDA)			40.0	40.7		ng/L		102	65 - 140	1	30
Perfluorotetradecanoic acid (PFTeDA)			40.0	40.7		ng/L		102	60 - 140	6	30
Perfluorobutanesulfonic acid (PFBS)			35.5	29.6		ng/L		83	60 - 145	1	30
Perfluoropentanesulfonic acid (PFPeS)			37.6	36.7		ng/L		98	65 - 140	0	30
Perfluorohexanesulfonic acid (PFHxS)			36.5	31.2		ng/L		85	65 - 145	1	30
Perfluoroheptanesulfonic acid (PFHpS)			38.2	42.7		ng/L		112	70 - 150	10	30
Perfluorooctanesulfonic acid (PFOS)			37.2	38.8		ng/L		104	55 - 150	2	30
Perfluorononanesulfonic acid (PFNS)			38.5	37.4		ng/L		97	65 - 145	1	30
Perfluorodecanesulfonic acid (PFDS)			38.6	37.0		ng/L		96	60 - 145	3	30
Perfluorododecanesulfonic acid (PFDoS)			38.8	34.4		ng/L		89	50 - 145	4	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			75.0	68.3		ng/L		91	70 - 145	0	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			76.2	64.2		ng/L		84	65 - 155	0	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			76.8	68.6		ng/L		89	60 - 150	1	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-851826/22-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 851823
Prep Batch: 851826

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonamide (PFOSA)			40.0	40.8		ng/L		102	70 - 145	3	30
N-methylperfluorooctane sulfonamide (NMeFOSA)			40.0	39.2		ng/L		98	60 - 150	0	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			40.0	45.3		ng/L		113	65 - 145	11	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			40.0	41.5		ng/L		104	50 - 140	1	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			40.0	35.9		ng/L		90	70 - 145	0	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			200	190		ng/L		95	70 - 145	3	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			200	196		ng/L		98	70 - 135	5	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)			30.0	27.6		ng/L		92	70 - 140	3	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			37.8	39.0		ng/L		103	65 - 145	3	30
Perfluoro-3-methoxypropanoic acid (PFMPA)			40.0	39.6		ng/L		99	55 - 140	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)			40.0	38.3		ng/L		96	60 - 150	9	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			40.0	31.7		ng/L		79	50 - 150	7	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)			37.4	39.1		ng/L		105	70 - 155	6	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)			37.8	39.6		ng/L		105	55 - 160	3	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)			35.7	35.4		ng/L		99	70 - 140	2	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)			80.0	68.9		ng/L		86	65 - 130	6	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)			200	161		ng/L		80	70 - 135	0	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)			200	144		ng/L		72	50 - 145	7	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*88.2*		*5 - 130*
13C5 PFPeA	*89.2*		*40 - 130*
13C5 PFHxA	*92.5*		*40 - 130*
13C4 PFHpA	*84.2*		*40 - 130*
13C8 PFOA	*90.0*		*40 - 130*
13C9 PFNA	*85.2*		*40 - 130*
13C6 PFDA	*87.6*		*40 - 130*
13C7 PFUnA	*87.4*		*30 - 130*
13C2 PFTeDA	*68.5*		*10 - 130*
13C3 PFBS	*93.3*		*40 - 135*
13C3 PFHxS	*85.9*		*40 - 130*
13C8 PFOS	*87.0*		*40 - 130*
13C8 FOSA	*89.3*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCSD 410-851826/22-A
Matrix: Water
Analysis Batch: 851823

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 851826

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
d3-NMeFOSAA	80.8		40 - 170
d5-NEtFOSAA	74.6		25 - 135
13C2 4:2 FTS	90.2		40 - 200
13C2 6:2 FTS	98.2		40 - 200
13C2 8:2 FTS	185		40 - 300
13C3 HFPO-DA	96.5		40 - 130
d7-N-MeFOSE-M	62.6		10 - 130
d9-N-EtFOSE-M	60.3		10 - 130
d5-NEtPFOSA	64.2		10 - 130
d3-NMePFOSA	77.6		10 - 130
13C2 PFDoA	76.4		10 - 130
13C3-3:3 FTCA	103		20 - 150
13C3-5:3 FTCA	97.7		20 - 150
13C3-PFDoS	77.7		20 - 150

Lab Sample ID: LLCS 410-851826/23-A
Matrix: Water
Analysis Batch: 851823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851826

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	8.31		ng/L		104	70 - 140
Perfluoropentanoic acid (PFPeA)	4.00	4.28		ng/L		107	65 - 135
Perfluorohexanoic acid (PFHxA)	4.00	4.30		ng/L		108	70 - 145
Perfluoroheptanoic acid (PFHpA)	4.00	3.67		ng/L		92	70 - 150
Perfluorooctanoic acid (PFOA)	4.00	4.18		ng/L		104	70 - 150
Perfluorononanoic acid (PFNA)	4.00	3.88		ng/L		97	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	4.22		ng/L		105	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.58		ng/L		90	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	4.02		ng/L		101	70 - 140
Perfluorotridecanoic acid (PFTrDA)	4.00	4.26		ng/L		106	65 - 140
Perfluorotetradecanoic acid (PFTeDA)	4.00	4.79		ng/L		120	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	2.87		ng/L		81	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.72		ng/L		99	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.46		ng/L		95	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	4.05		ng/L		106	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	4.42		ng/L		119	55 - 150
Perfluorononanesulfonic acid (PFNS)	3.85	4.04		ng/L		105	65 - 145
Perfluorodecanesulfonic acid (PFDS)	3.86	3.74		ng/L		97	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	3.19		ng/L		82	50 - 145

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-851826/23-A
Matrix: Water
Analysis Batch: 851823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851826

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.50	7.00		ng/L		93	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.62	6.85		ng/L		90	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.68	6.66		ng/L		87	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	4.25		ng/L		106	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	4.18		ng/L		104	60 - 150
N-ethylperfluorooctane sulfonamide (NEtFOSA)	4.00	4.34		ng/L		108	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	4.00	4.26		ng/L		106	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.00	4.00		ng/L		100	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	20.3		ng/L		102	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	19.8		ng/L		99	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.72		ng/L		91	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	4.14		ng/L		109	65 - 145
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	4.04		ng/L		101	55 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	4.07		ng/L		102	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	3.37		ng/L		84	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	3.74	4.11		ng/L		110	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	3.78	3.71		ng/L		98	55 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.57	3.31		ng/L		93	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	8.00	7.64		ng/L		96	65 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	20.0	17.0		ng/L		85	70 - 135
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	20.0	13.9		ng/L		69	50 - 145

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*85.9*		*5 - 130*
13C5 PFPeA	*75.3*		*40 - 130*
13C5 PFHxA	*82.2*		*40 - 130*
13C4 PFHpA	*71.3*		*40 - 130*
13C8 PFOA	*81.2*		*40 - 130*
13C9 PFNA	*74.7*		*40 - 130*
13C6 PFDA	*76.8*		*40 - 130*
13C7 PFUnA	*81.4*		*30 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-851826/23-A
Matrix: Water
Analysis Batch: 851823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 851826

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C2 PFTeDA	61.8		10 - 130
13C3 PFBS	81.7		40 - 135
13C3 PFHxS	77.6		40 - 130
13C8 PFOS	74.4		40 - 130
13C8 FOSA	86.2		40 - 130
d3-NMeFOSAA	71.3		40 - 170
d5-NEtFOSAA	66.1		25 - 135
13C2 4:2 FTS	94.9		40 - 200
13C2 6:2 FTS	100		40 - 200
13C2 8:2 FTS	180		40 - 300
13C3 HFPO-DA	83.5		40 - 130
d7-N-MeFOSE-M	58.0		10 - 130
d9-N-EtFOSE-M	58.6		10 - 130
d5-NEtPFOSA	63.4		10 - 130
d3-NMePFOSA	73.7		10 - 130
13C2 PFDoA	66.2		10 - 130
13C3-3:3 FTCA	95.5		20 - 150
13C3-5:3 FTCA	84.8		20 - 150
13C3-PFDoS	69.2		20 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-780478/1-A
Matrix: Water
Analysis Batch: 780604

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780478

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		07/13/26 08:42	07/13/26 17:35	1
Antimony	ND		0.020	0.0068	mg/L		07/13/26 08:42	07/13/26 17:35	1
Arsenic	ND		0.015	0.0056	mg/L		07/13/26 08:42	07/13/26 17:35	1
Barium	ND		0.0020	0.00070	mg/L		07/13/26 08:42	07/13/26 17:35	1
Beryllium	ND		0.0020	0.00030	mg/L		07/13/26 08:42	07/13/26 17:35	1
Cadmium	ND		0.0020	0.00050	mg/L		07/13/26 08:42	07/13/26 17:35	1
Calcium	ND		0.50	0.10	mg/L		07/13/26 08:42	07/13/26 17:35	1
Chromium	ND		0.0040	0.0010	mg/L		07/13/26 08:42	07/13/26 17:35	1
Cobalt	ND		0.0040	0.00063	mg/L		07/13/26 08:42	07/13/26 17:35	1
Copper	ND	^5+	0.010	0.0016	mg/L		07/13/26 08:42	07/13/26 17:35	1
Iron	ND		0.050	0.019	mg/L		07/13/26 08:42	07/13/26 17:35	1
Lead	0.00424	J	0.010	0.0030	mg/L		07/13/26 08:42	07/13/26 17:35	1
Magnesium	ND		0.20	0.043	mg/L		07/13/26 08:42	07/13/26 17:35	1
Manganese	ND		0.0030	0.00040	mg/L		07/13/26 08:42	07/13/26 17:35	1
Nickel	ND		0.010	0.0013	mg/L		07/13/26 08:42	07/13/26 17:35	1
Potassium	0.127	J	0.50	0.10	mg/L		07/13/26 08:42	07/13/26 17:35	1
Selenium	ND		0.025	0.0087	mg/L		07/13/26 08:42	07/13/26 17:35	1
Silver	ND		0.0060	0.0017	mg/L		07/13/26 08:42	07/13/26 17:35	1
Sodium	ND		1.0	0.32	mg/L		07/13/26 08:42	07/13/26 17:35	1
Thallium	ND	^5+	0.020	0.010	mg/L		07/13/26 08:42	07/13/26 17:35	1
Vanadium	ND		0.0050	0.0015	mg/L		07/13/26 08:42	07/13/26 17:35	1
Zinc	0.00218	J	0.010	0.0015	mg/L		07/13/26 08:42	07/13/26 17:35	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-780478/2-A
Matrix: Water
Analysis Batch: 780604

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780478

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.10	5.22		mg/L		102	80 - 120
Antimony	0.500	0.521		mg/L		104	80 - 120
Arsenic	1.00	1.06		mg/L		106	80 - 120
Barium	1.00	1.03		mg/L		103	80 - 120
Beryllium	0.501	0.555		mg/L		111	80 - 120
Cadmium	0.500	0.526		mg/L		105	80 - 120
Calcium	25.0	27.12		mg/L		108	80 - 120
Chromium	0.500	0.528		mg/L		106	80 - 120
Cobalt	0.500	0.541		mg/L		108	80 - 120
Copper	0.500	0.511	^5+	mg/L		102	80 - 120
Iron	5.10	5.78		mg/L		113	80 - 120
Lead	0.500	0.544		mg/L		109	80 - 120
Magnesium	25.0	26.14		mg/L		105	80 - 120
Manganese	0.500	0.523		mg/L		105	80 - 120
Nickel	0.500	0.542		mg/L		108	80 - 120
Potassium	25.0	25.31		mg/L		101	80 - 120
Selenium	1.00	1.06		mg/L		106	80 - 120
Silver	0.0500	0.0494		mg/L		99	80 - 120
Sodium	25.0	25.89		mg/L		104	80 - 120
Thallium	1.00	1.08	^5+	mg/L		108	80 - 120
Vanadium	0.499	0.527		mg/L		105	80 - 120
Zinc	0.500	0.568		mg/L		114	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-780869/1-A
Matrix: Water
Analysis Batch: 780958

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		07/16/26 12:55	07/16/26 16:11	1

Lab Sample ID: LCS 480-780869/2-A
Matrix: Water
Analysis Batch: 780958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780869

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00667	0.00691		mg/L		104	80 - 120

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-781407/21
Matrix: Water
Analysis Batch: 781407

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0041	mg/L			07/22/26 15:30	1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: MB 480-781407/47
Matrix: Water
Analysis Batch: 781407

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0041	mg/L			07/22/26 17:10	1

Lab Sample ID: HLCS 480-781407/22
Matrix: Water
Analysis Batch: 781407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.400	0.406		mg/L		102	90 - 110		

Lab Sample ID: LCS 480-781407/48
Matrix: Water
Analysis Batch: 781407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.250	0.242		mg/L		97	90 - 110		

Lab Sample ID: LLCS 480-781407/24
Matrix: Water
Analysis Batch: 781407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0100	0.0120		mg/L		120	50 - 150		

GC/MS VOA

Analysis Batch: 780629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	EPA 8260D	
480-240291-2	RI-MW-3	Total/NA	Water	EPA 8260D	
MB 480-780629/8	Method Blank	Total/NA	Water	EPA 8260D	
LCS 480-780629/6	Lab Control Sample	Total/NA	Water	EPA 8260D	

GC/MS Semi VOA

Prep Batch: 780473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	3510C	
480-240291-2	RI-MW-3	Total/NA	Water	3510C	
MB 480-780473/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-780473/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 780620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	EPA 8270E	780473
MB 480-780473/1-A	Method Blank	Total/NA	Water	EPA 8270E	780473
LCS 480-780473/2-A	Lab Control Sample	Total/NA	Water	EPA 8270E	780473

Analysis Batch: 780624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-2	RI-MW-3	Total/NA	Water	EPA 8270E	780473

Prep Batch: 780652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	3510C	
480-240291-2	RI-MW-3	Total/NA	Water	3510C	
MB 480-780652/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-780652/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 780938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	8270E	780652
480-240291-2	RI-MW-3	Total/NA	Water	8270E	780652
MB 480-780652/1-A	Method Blank	Total/NA	Water	8270E	780652
LCS 480-780652/2-A	Lab Control Sample	Total/NA	Water	8270E	780652

GC Semi VOA

Prep Batch: 780471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	3510C	
480-240291-2	RI-MW-3	Total/NA	Water	3510C	
MB 480-780471/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-780471/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 780516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	8082A	780471
480-240291-2	RI-MW-3	Total/NA	Water	8082A	780471
MB 480-780471/1-A	Method Blank	Total/NA	Water	8082A	780471

GC Semi VOA (Continued)

Analysis Batch: 780516 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-780471/2-A	Lab Control Sample	Total/NA	Water	8082A	780471

Prep Batch: 780601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	3510C	
480-240291-2	RI-MW-3	Total/NA	Water	3510C	
MB 480-780601/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-780601/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-780601/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 780660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	8081B	780601
480-240291-2	RI-MW-3	Total/NA	Water	8081B	780601
MB 480-780601/1-A	Method Blank	Total/NA	Water	8081B	780601
LCS 480-780601/2-A	Lab Control Sample	Total/NA	Water	8081B	780601
LCSD 480-780601/3-A	Lab Control Sample Dup	Total/NA	Water	8081B	780601

LCMS

Analysis Batch: 851823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	1633A	851826
480-240291-2	RI-MW-3	Total/NA	Water	1633A	851826
MB 410-851826/20-A	Method Blank	Total/NA	Water	1633A	851826
LCS 410-851826/21-A	Lab Control Sample	Total/NA	Water	1633A	851826
LCSD 410-851826/22-A	Lab Control Sample Dup	Total/NA	Water	1633A	851826
LLCS 410-851826/23-A	Lab Control Sample	Total/NA	Water	1633A	851826

Prep Batch: 851826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	1633A	
480-240291-2	RI-MW-3	Total/NA	Water	1633A	
MB 410-851826/20-A	Method Blank	Total/NA	Water	1633A	
LCS 410-851826/21-A	Lab Control Sample	Total/NA	Water	1633A	
LCSD 410-851826/22-A	Lab Control Sample Dup	Total/NA	Water	1633A	
LLCS 410-851826/23-A	Lab Control Sample	Total/NA	Water	1633A	

Metals

Prep Batch: 780478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	3005A	
480-240291-2	RI-MW-3	Total/NA	Water	3005A	
MB 480-780478/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-780478/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 780604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	6010D	780478
480-240291-2	RI-MW-3	Total/NA	Water	6010D	780478
MB 480-780478/1-A	Method Blank	Total/NA	Water	6010D	780478

Metals (Continued)

Analysis Batch: 780604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-780478/2-A	Lab Control Sample	Total/NA	Water	6010D	780478

Prep Batch: 780869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	7470A	
480-240291-2	RI-MW-3	Total/NA	Water	7470A	
MB 480-780869/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-780869/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 780958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	7470A	780869
480-240291-2	RI-MW-3	Total/NA	Water	7470A	780869
MB 480-780869/1-A	Method Blank	Total/NA	Water	7470A	780869
LCS 480-780869/2-A	Lab Control Sample	Total/NA	Water	7470A	780869

General Chemistry

Analysis Batch: 781407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-240291-1	RI-MW-2	Total/NA	Water	9012B	
480-240291-2	RI-MW-3	Total/NA	Water	9012B	
MB 480-781407/21	Method Blank	Total/NA	Water	9012B	
MB 480-781407/47	Method Blank	Total/NA	Water	9012B	
HLCS 480-781407/22	Lab Control Sample	Total/NA	Water	9012B	
LCS 480-781407/48	Lab Control Sample	Total/NA	Water	9012B	
LLCS 480-781407/24	Lab Control Sample	Total/NA	Water	9012B	

Lab Chronicle

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240291-1

Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA 8260D		1	780629	AXK	EET BUF	07/14/26 16:12
Total/NA	Prep	3510C			780652	SMP	EET BUF	07/14/26 10:41
Total/NA	Analysis	8270E		1	780938	JLS	EET BUF	07/17/26 12:42
Total/NA	Prep	3510C			780473	SMP	EET BUF	07/13/26 06:56
Total/NA	Analysis	EPA 8270E		1	780620	JMM	EET BUF	07/14/26 22:35
Total/NA	Prep	3510C			780601	SMP	EET BUF	07/14/26 07:59
Total/NA	Analysis	8081B		1	780660	JLS	EET BUF	07/14/26 16:36
Total/NA	Prep	3510C			780471	SMP	EET BUF	07/13/26 06:39
Total/NA	Analysis	8082A		1	780516	C1P	EET BUF	07/13/26 17:44
Total/NA	Prep	1633A			851826	KZ5A	ELLE	07/15/26 09:19
Total/NA	Analysis	1633A		1	851823	QY4X	ELLE	07/15/26 21:47
Total/NA	Prep	3005A			780478	EMO	EET BUF	07/13/26 08:42
Total/NA	Analysis	6010D		1	780604	MP	EET BUF	07/13/26 18:27
Total/NA	Prep	7470A			780869	EMO	EET BUF	07/16/26 12:55
Total/NA	Analysis	7470A		1	780958	BMB	EET BUF	07/16/26 16:47
Total/NA	Analysis	9012B		1	781407	IMZ	EET BUF	07/22/26 18:27

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240291-2

Date Collected: 07/10/26 00:00
Matrix: Water
Date Received: 07/10/26 13:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA 8260D		1	780629	AXK	EET BUF	07/14/26 16:34
Total/NA	Prep	3510C			780652	SMP	EET BUF	07/14/26 10:41
Total/NA	Analysis	8270E		1	780938	JLS	EET BUF	07/17/26 13:12
Total/NA	Prep	3510C			780473	SMP	EET BUF	07/13/26 06:56
Total/NA	Analysis	EPA 8270E		1	780624	RJS	EET BUF	07/15/26 01:41
Total/NA	Prep	3510C			780601	SMP	EET BUF	07/14/26 07:59
Total/NA	Analysis	8081B		1	780660	JLS	EET BUF	07/14/26 16:56
Total/NA	Prep	3510C			780471	SMP	EET BUF	07/13/26 06:39
Total/NA	Analysis	8082A		1	780516	C1P	EET BUF	07/13/26 18:02
Total/NA	Prep	1633A			851826	KZ5A	ELLE	07/15/26 09:19
Total/NA	Analysis	1633A		1	851823	QY4X	ELLE	07/15/26 22:00
Total/NA	Prep	3005A			780478	EMO	EET BUF	07/13/26 08:42
Total/NA	Analysis	6010D		1	780604	MP	EET BUF	07/13/26 18:25
Total/NA	Prep	7470A			780869	EMO	EET BUF	07/16/26 12:55
Total/NA	Analysis	7470A		1	780958	BMB	EET BUF	07/16/26 16:49
Total/NA	Analysis	9012B		1	781407	IMZ	EET BUF	07/22/26 18:31

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-27

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-27

Method Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET BUF
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
6010D	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable	SW846	EET BUF
1633A	Solid-Phase Extraction (SPE)	EPA	ELLE
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
3510C	Microextraction of Organic Compounds	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-240291-1	RI-MW-2	Water	07/10/26 00:00	07/10/26 13:20	New York
480-240291-2	RI-MW-3	Water	07/10/26 00:00	07/10/26 13:20	New York

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins

Client Information	Sampler: Will Goldsmith	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214745-42932.1
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Brydges Engineering in Environment & Energy DPC	PWSID:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days): 5 day			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI Groundwater	Project #: 48030331			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
B NaOH
D HNO3
A HCL
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	8270E_LL_QQQ 1,4 Dioxane	9012B_NP Cyanide, Total	8082A Part 375 PCBs	8081B TCL Pesticides	8270E TCL SVOCs + TICs	6010D, 7470A	8260D TCL VOCs + TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	B	N	N	N	D	A		
RI-MW-2				Water			X	X	X	X	X	X	X	X		
RI-MW-3				Water												
				Water												
				Water												
				Water												
				Water												
				Water												
				Water												
				Water												
				Water												

480-240291 Chain of Custody

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by:	Date/Time: 7/10/26 1:20pm	Company: BE3	Received by:	Date/Time: 7/10/26 1320	Company: ET	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 5 8 IR#1 ice

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99505.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240291-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/16/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_SPELlist of 40 based on EPA method	PRE_SCREEN_PFAS/PFAS_PreScn_W_PPrescreening Procedure	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
RI-MW-2 (480-240291-1)	7/10/26	Eastern	G	Water			X	X	2	
RI-MW-3 (480-240291-2)	7/10/26	Eastern	G	Water			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	VS	7-13-26 1600				
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/14/26 1105	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: R5 2.0 / C:t:a 1.6

GCC 125294 7/14/26 Rev. 03/20/2026

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240291-1

Login Number: 240291

List Source: Eurofins Buffalo

List Number: 1

Creator: Stapleton, Kaitlyn

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.8 IR#1 ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Brydges Engineering
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Brydges Engineering in Environment & Energy DPC

Job Number: 480-240291-1

Login Number: 240291
List Number: 2
Creator: Ciccia, Caleb

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 07/14/26 01:42 PM

Question	Answer	Comment
The cooler's custody seal is intact.	False	Seals on cooler but date and time not filled out.
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Appendix L

Data Usability Summary Reports

DATA USABILITY SUMMARY REPORT (DUSR)

375 Michigan Ave. RI
Buffalo, NY
Project # 48030331

SDG: **J240008-1**
4 soil samples

Prepared for:

BE3 Corp.
960 Busti Avenue
Suite 150-B
Buffalo, NY 14213
Attention: Will Goldsmith

July 2026

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
BE3 SDG J240008-1: 375 Michigan Ave. RI

The data associated with this Sample Delivery Group (SDG) J240008-1, analyzed by Eurofins Buffalo, Buffalo, NY have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K Perry Date: 7/27/2026

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	375 Michigan Ave. RI Buffalo, NY Site #: 48030331
SAMPLING DATE:	June 29, 2026
SAMPLE TYPE:	4 soil samples
LABORATORY:	Eurofins Buffalo Buffalo, NY
SDG No.:	J240008-1

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for four soil samples collected on June 29, 2026. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), Pesticides, PCBs, PFASs, Metals, and Total Cyanide (TCN).

All analyses were performed by Eurofins Buffalo, Buffalo, NY and analyzed as SDG J240008-1. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Tables 6-1 through 6-7. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG J240008-1, four samples were analyzed and results were reported for 832 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have rejected/qualified and the corresponding QC reasons.

Note 1): As noted by the laboratory, the samples were not collected by SW-846 5035A protocol. This adds an element of uncertainty to the 8260D Volatile Organic Compounds (VOCs). Although not specifically indicated on the VOC data sheets with a "J" flag, the VOC data should be considered as estimated but usable.

Table 6-1 8260 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-1 RI-MW-2 RI-MW-3 RI-MW-4	Chloroform	CRQL-U	Analyte detected in method blank	Data changed to non-detect
RI-MW-1 RI-MW-2 RI-MW-3 RI-MW-4	1,1-Dichloroethene 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane 1,2,4-Trichlorobenzene 2-Butanone Carbon disulfide Carbon tetrachloride Chloromethane Cyclohexane Dichlorodifluoromethane Methylcyclohexane Trichloroethene Trichlorofluoromethane cis-1,3-Dichloropropene Vinyl chloride	J detects UJ non-detects	CCV %D > QC limit	Data are estimated

Table 6-2 8270 SVOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-1 RI-MW-2 RI-MW-3 RI-MW-4	2,4-Dinitrophenol 4,6-Dinitro-2-methylphenol	J detects UJ non-detects	CCV %D > QC limit	Data are estimated
RI-MW-1 RI-MW-2 RI-MW-3 RI-MW-4	TIC: RTs 2.00, 3.49, 11.41, 13.26, 13.48 unknowns	CRQL-U	Analyte detected in method blank	Data changed to non-detect

Table 6-3 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-1 RI-MW-2 RI-MW-3 RI-MW-4	Toxaphene	J detects UJ non-detects	ICV %D > QC limit	Data are estimated

Table 6-4 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-5 PFASs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-1 RI-MW-2 RI-MW-3 RI-MW-4	NFDHA	J detects UJ non-detects	Samples extracted outside 3 day HT	Data are estimated
RI-MW-4	7:3 FTCA	J detects UJ non-detects	MS rec < QC limit	Data are estimated

Table 6-6 Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-7 TCN and Cr+6

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

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ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo NY 14213

Generated 07/15/2026

JOB DESCRIPTION

375 Michigan Remedial Investigation

JOB NUMBER

480-240008-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
07/15/2026

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
716 504-9874

Job Narrative
480-240008-1

Receipt
The samples were received on 6/29/2026 5:15 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 24.7º C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for preparation batch 480-779855 and analytical batch 480-779859 recovered outside control limits for the following analyte: Chloromethane. This analyte is biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The associated samples are: RI-MW-1 (480-240008-1), RI-MW-2 (480-240008-2), RI-MW-3 (480-240008-3) and RI-MW-4 (480-240008-4)

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779859 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethene, 2-Butanone (MEK), Carbon disulfide, Carbon tetrachloride, Chloromethane, cis-1,3-Dichloropropene, Cyclohexane, Dichlorodifluoromethane, Methylcyclohexane, Trichloroethene, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects above the reporting limits for the affected analytes; therefore, the data have been reported. The associated samples are:RI-MW-1 (480-240008-1), RI-MW-2 (480-240008-2), RI-MW-3 (480-240008-3) and RI-MW-4 (480-240008-4).

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779859 recovered outside acceptance criteria, low biased, for 1,2,4-Trichlorobenzene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are:RI-MW-1 (480-240008-1), RI-MW-2 (480-240008-2), RI-MW-3 (480-240008-3) and RI-MW-4 (480-240008-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 480-779734 recovered above the upper control limit for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:RI-MW-1 (480-240008-1), RI-MW-2 (480-240008-2), RI-MW-3 (480-240008-3) and RI-MW-4 (480-240008-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-779918 is outside the acceptance criteria for the following analytes: Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 480-779852 and analytical batch 480-779868 was outside control limits. Sample matrix interference is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240008-1
Project/Site: 375 Michigan Remedial Investigation

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-240008-1	RI-MW-1	Solid	06/29/26 10:15	06/29/26 17:15	New York
480-240008-2	RI-MW-2	Solid	06/29/26 14:00	06/29/26 17:15	New York
480-240008-3	RI-MW-3	Solid	06/29/26 15:20	06/29/26 17:15	New York
480-240008-4	RI-MW-4	Solid	06/29/26 16:30	06/29/26 17:15	New York

8260D

Volatile Organic Compounds by GC/MS

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240008-1

Matrix: Solid | Lab File ID: M02427.D

Analysis Method: EPA 8260D | Date Collected: 06/29/2026 10:15

Sample wt/vol: 5(g) | Date Analyzed: 07/02/2026 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 17.0 % Solids: 83.0 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	6.0	0.44	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	6.0	0.98	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.0	1.4	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	6.0	0.78	
75-34-3	1,1-Dichloroethane	ND	vs	6.0	0.73	
75-35-4	1,1-Dichloroethene	ND	vs	6.0	0.74	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	6.0	0.37	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	6.0	3.0	
95-50-1	1,2-Dichlorobenzene	ND	vs	6.0	0.47	
107-06-2	1,2-Dichloroethane	ND	vs	6.0	0.30	
78-87-5	1,2-Dichloropropane	ND	vs	6.0	3.0	
541-73-1	1,3-Dichlorobenzene	ND	vs	6.0	0.31	
106-46-7	1,4-Dichlorobenzene	ND	vs	6.0	0.84	
78-93-3	2-Butanone (MEK)	ND	vs	30	2.2	UJ
591-78-6	2-Hexanone	ND	vs	30	3.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	30	2.0	
67-64-1	Acetone	8.1	J vs	30	5.1	
71-43-2	Benzene	ND	vs	6.0	0.30	
75-25-2	Bromoform	ND	vs	6.0	3.0	
74-83-9	Bromomethane	ND	vs	6.0	0.54	
75-15-0	Carbon disulfide	ND	vs	6.0	3.0	UJ
56-23-5	Carbon tetrachloride	ND	vs	6.0	0.58	UJ
108-90-7	Chlorobenzene	ND	vs	6.0	0.80	
124-48-1	Dibromochloromethane	ND	vs	6.0	0.77	
75-00-3	Chloroethane	ND	vs	6.0	1.4	
67-66-3	Chloroform	6.0 UJ ~~0.93~~	J B vs	6.0	0.37	UJ
74-87-3	Chloromethane	ND	*+ vs	6.0	0.36	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	6.0	0.77	
110-82-7	Cyclohexane	ND	vs	6.0	0.84	UJ
75-27-4	Bromodichloromethane	ND	vs	6.0	0.81	
75-71-8	Dichlorodifluoromethane	ND	vs	6.0	0.50	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240008-1

Matrix: Solid | Lab File ID: M02427.D

Analysis Method: EPA 8260D | Date Collected: 06/29/2026 10:15

Sample wt/vol: 5(g) | Date Analyzed: 07/02/2026 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 17.0 % Solids: 83.0 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	6.0	0.42	
106-93-4	1,2-Dibromoethane	ND	vs	6.0	0.77	
98-82-8	Isopropylbenzene	ND	vs	6.0	0.91	
79-20-9	Methyl acetate	ND	vs	30	3.6	
1634-04-4	Methyl tert-butyl ether	ND	vs	6.0	0.59	
108-87-2	Methylcyclohexane	ND	vs	6.0	0.92	UJ
75-09-2	Methylene Chloride	ND	vs	6.0	2.8	
127-18-4	Tetrachloroethene	ND	vs	6.0	0.81	
108-88-3	Toluene	ND	vs	6.0	0.46	
156-60-5	trans-1,2-Dichloroethene	ND	vs	6.0	0.62	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	6.0	2.7	
79-01-6	Trichloroethene	ND	vs	6.0	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	6.0	0.57	UJ
75-01-4	Vinyl chloride	ND	vs	6.0	0.73	UJ
1330-20-7	Xylenes, Total	ND	vs	12	1.0	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	6.0	0.87	UJ
100-42-5	Styrene	ND	vs	6.0	0.30	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		64-126
460-00-4	4-Bromofluorobenzene (Surr)	103		72-126
2037-26-5	Toluene-d8 (Surr)	86		71-125
1868-53-7	Dibromofluoromethane (Surr)	105		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240008-1

Matrix: Solid | Lab File ID: M02427.D

Analysis Method: EPA 8260D | Date Collected: 06/29/2026 10:15

Sample wt/vol: 5(g) | Date Analyzed: 07/02/2026 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 17.0 % Solids: 83.0 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240008-2

Matrix: Solid | Lab File ID: M02428.D

Analysis Method: EPA 8260D | Date Collected: 06/29/2026 14:00

Sample wt/vol: 5.1(g) | Date Analyzed: 07/02/2026 23:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 20.6 % Solids: 79.4 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	6.2	0.45	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	6.2	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.2	1.4	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	6.2	0.80	
75-34-3	1,1-Dichloroethane	ND	vs	6.2	0.75	
75-35-4	1,1-Dichloroethene	ND	vs	6.2	0.76	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	6.2	0.38	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	6.2	3.1	
95-50-1	1,2-Dichlorobenzene	ND	vs	6.2	0.48	
107-06-2	1,2-Dichloroethane	ND	vs	6.2	0.31	
78-87-5	1,2-Dichloropropane	ND	vs	6.2	3.1	
541-73-1	1,3-Dichlorobenzene	ND	vs	6.2	0.32	
106-46-7	1,4-Dichlorobenzene	ND	vs	6.2	0.86	
78-93-3	2-Butanone (MEK)	ND	vs	31	2.3	UJ
591-78-6	2-Hexanone	ND	vs	31	3.1	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	
67-64-1	Acetone	7.0	J vs	31	5.2	
71-43-2	Benzene	ND	vs	6.2	0.30	
75-25-2	Bromoform	ND	vs	6.2	3.1	
74-83-9	Bromomethane	ND	vs	6.2	0.56	
75-15-0	Carbon disulfide	ND	vs	6.2	3.1	UJ
56-23-5	Carbon tetrachloride	ND	vs	6.2	0.60	UJ
108-90-7	Chlorobenzene	ND	vs	6.2	0.82	
124-48-1	Dibromochloromethane	ND	vs	6.2	0.79	
75-00-3	Chloroethane	ND	vs	6.2	1.4	
67-66-3	Chloroform	6.2 UJ ~~0.99~~	J B vs	6.2	0.38	UJ
74-87-3	Chloromethane	ND	*+ vs	6.2	0.37	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	6.2	0.79	
110-82-7	Cyclohexane	ND	vs	6.2	0.86	UJ
75-27-4	Bromodichloromethane	ND	vs	6.2	0.83	
75-71-8	Dichlorodifluoromethane	ND	vs	6.2	0.51	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240008-2

Matrix: Solid | Lab File ID: M02428.D

Analysis Method: EPA 8260D | Date Collected: 06/29/2026 14:00

Sample wt/vol: 5.1(g) | Date Analyzed: 07/02/2026 23:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 20.6 % Solids: 79.4 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	6.2	0.43	
106-93-4	1,2-Dibromoethane	ND	vs	6.2	0.79	
98-82-8	Isopropylbenzene	ND	vs	6.2	0.93	
79-20-9	Methyl acetate	ND	vs	31	3.7	
1634-04-4	Methyl tert-butyl ether	ND	vs	6.2	0.61	
108-87-2	Methylcyclohexane	ND	vs	6.2	0.94	UJ
75-09-2	Methylene Chloride	ND	vs	6.2	2.8	
127-18-4	Tetrachloroethene	ND	vs	6.2	0.83	
108-88-3	Toluene	ND	vs	6.2	0.47	
156-60-5	trans-1,2-Dichloroethene	ND	vs	6.2	0.64	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	6.2	2.7	
79-01-6	Trichloroethene	ND	vs	6.2	1.4	UJ
75-69-4	Trichlorofluoromethane	ND	vs	6.2	0.58	UJ
75-01-4	Vinyl chloride	ND	vs	6.2	0.75	UJ
1330-20-7	Xylenes, Total	ND	vs	12	1.0	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	6.2	0.89	UJ
100-42-5	Styrene	ND	vs	6.2	0.31	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		64-126
460-00-4	4-Bromofluorobenzene (Surr)	104		72-126
2037-26-5	Toluene-d8 (Surr)	88		71-125
1868-53-7	Dibromofluoromethane (Surr)	103		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240008-2

Matrix: Solid | Lab File ID: M02428.D

Analysis Method: EPA 8260D | Date Collected: 06/29/2026 14:00

Sample wt/vol: 5.1(g) | Date Analyzed: 07/02/2026 23:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 20.6 % Solids: 79.4 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240008-3

Matrix: Solid | Lab File ID: M02429.D

Analysis Method: EPA 8260D | Date Collected: 06/29/2026 15:20

Sample wt/vol: 5.14(g) | Date Analyzed: 07/03/2026 00:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 17.5 % Solids: 82.5 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.9	0.43	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.96	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.9	0.77	
75-34-3	1,1-Dichloroethane	ND	vs	5.9	0.72	
75-35-4	1,1-Dichloroethene	ND	vs	5.9	0.72	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.9	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.9	0.46	
107-06-2	1,2-Dichloroethane	ND	vs	5.9	0.30	
78-87-5	1,2-Dichloropropane	ND	vs	5.9	2.9	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.9	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.9	0.82	
78-93-3	2-Butanone (MEK)	ND	vs	29	2.2	UJ
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	10	J vs	29	5.0	
71-43-2	Benzene	ND	vs	5.9	0.29	
75-25-2	Bromoform	ND	vs	5.9	2.9	
74-83-9	Bromomethane	ND	vs	5.9	0.53	
75-15-0	Carbon disulfide	ND	vs	5.9	2.9	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.9	0.57	UJ
108-90-7	Chlorobenzene	ND	vs	5.9	0.78	
124-48-1	Dibromochloromethane	ND	vs	5.9	0.75	
75-00-3	Chloroethane	ND	vs	5.9	1.3	
67-66-3	Chloroform	5.9 UJ ~~0.91~~	J B vs	5.9	0.36	UJ
74-87-3	Chloromethane	ND	*+ vs	5.9	0.36	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.9	0.75	
110-82-7	Cyclohexane	ND	vs	5.9	0.82	UJ
75-27-4	Bromodichloromethane	ND	vs	5.9	0.79	
75-71-8	Dichlorodifluoromethane	ND	vs	5.9	0.49	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240008-3

Matrix: Solid | Lab File ID: M02429.D

Analysis Method: EPA 8260D | Date Collected: 06/29/2026 15:20

Sample wt/vol: 5.14(g) | Date Analyzed: 07/03/2026 00:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 17.5 % Solids: 82.5 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.9	0.41	
106-93-4	1,2-Dibromoethane	ND	vs	5.9	0.76	
98-82-8	Isopropylbenzene	ND	vs	5.9	0.89	
79-20-9	Methyl acetate	ND	vs	29	3.6	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.9	0.58	
108-87-2	Methylcyclohexane	ND	vs	5.9	0.90	UJ
75-09-2	Methylene Chloride	ND	vs	5.9	2.7	
127-18-4	Tetrachloroethene	ND	vs	5.9	0.79	
108-88-3	Toluene	ND	vs	5.9	0.45	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.9	0.61	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.9	2.6	
79-01-6	Trichloroethene	ND	vs	5.9	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.9	0.56	UJ
75-01-4	Vinyl chloride	ND	vs	5.9	0.72	UJ
1330-20-7	Xylenes, Total	ND	vs	12	0.99	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.9	0.85	UJ
100-42-5	Styrene	ND	vs	5.9	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		64-126
460-00-4	4-Bromofluorobenzene (Surr)	102		72-126
2037-26-5	Toluene-d8 (Surr)	88		71-125
1868-53-7	Dibromofluoromethane (Surr)	104		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240008-3

Matrix: Solid | Lab File ID: M02429.D

Analysis Method: EPA 8260D | Date Collected: 06/29/2026 15:20

Sample wt/vol: 5.14(g) | Date Analyzed: 07/03/2026 00:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 17.5 % Solids: 82.5 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240008-4

Matrix: Solid | Lab File ID: M02430.D

Analysis Method: EPA 8260D | Date Collected: 06/29/2026 16:30

Sample wt/vol: 5.04(g) | Date Analyzed: 07/03/2026 00:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.6 % Solids: 84.4 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.9	0.43	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.95	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.9	0.76	
75-34-3	1,1-Dichloroethane	ND	vs	5.9	0.72	
75-35-4	1,1-Dichloroethene	ND	vs	5.9	0.72	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.9	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.9	0.46	
107-06-2	1,2-Dichloroethane	ND	vs	5.9	0.30	
78-87-5	1,2-Dichloropropane	ND	vs	5.9	2.9	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.9	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.9	0.82	
78-93-3	2-Butanone (MEK)	ND	vs	29	2.2	UJ
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	11	J vs	29	5.0	
71-43-2	Benzene	ND	vs	5.9	0.29	
75-25-2	Bromoform	ND	vs	5.9	2.9	
74-83-9	Bromomethane	ND	vs	5.9	0.53	
75-15-0	Carbon disulfide	ND	vs	5.9	2.9	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.9	0.57	UJ
108-90-7	Chlorobenzene	ND	vs	5.9	0.78	
124-48-1	Dibromochloromethane	ND	vs	5.9	0.75	
75-00-3	Chloroethane	ND	vs	5.9	1.3	
67-66-3	Chloroform	5.9 UJ 0.87	J B vs	5.9	0.36	UJ
74-87-3	Chloromethane	ND	*+ vs	5.9	0.36	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.9	0.75	
110-82-7	Cyclohexane	ND	vs	5.9	0.82	UJ
75-27-4	Bromodichloromethane	ND	vs	5.9	0.79	
75-71-8	Dichlorodifluoromethane	ND	vs	5.9	0.49	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240008-4

Matrix: Solid | Lab File ID: M02430.D

Analysis Method: EPA 8260D | Date Collected: 06/29/2026 16:30

Sample wt/vol: 5.04(g) | Date Analyzed: 07/03/2026 00:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.6 % Solids: 84.4 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.9	0.41	
106-93-4	1,2-Dibromoethane	ND	vs	5.9	0.75	
98-82-8	Isopropylbenzene	ND	vs	5.9	0.89	
79-20-9	Methyl acetate	ND	vs	29	3.6	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.9	0.58	
108-87-2	Methylcyclohexane	ND	vs	5.9	0.89	UJ
75-09-2	Methylene Chloride	ND	vs	5.9	2.7	
127-18-4	Tetrachloroethene	ND	vs	5.9	0.79	
108-88-3	Toluene	ND	vs	5.9	0.44	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.9	0.61	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.9	2.6	
79-01-6	Trichloroethene	ND	vs	5.9	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.9	0.56	UJ
75-01-4	Vinyl chloride	ND	vs	5.9	0.72	UJ
1330-20-7	Xylenes, Total	ND	vs	12	0.99	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.9	0.85	UJ
100-42-5	Styrene	ND	vs	5.9	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		64-126
460-00-4	4-Bromofluorobenzene (Surr)	103		72-126
2037-26-5	Toluene-d8 (Surr)	88		71-125
1868-53-7	Dibromofluoromethane (Surr)	103		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240008-4

Matrix: Solid | Lab File ID: M02430.D

Analysis Method: EPA 8260D | Date Collected: 06/29/2026 16:30

Sample wt/vol: 5.04(g) | Date Analyzed: 07/03/2026 00:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.6 % Solids: 84.4 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

8270E

Semivolatile Organic Compounds (GC/MS)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240008-1

Matrix: Solid | Lab File ID: V31750080.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 10:15

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.22(g) | Date Analyzed: 07/01/2026 23:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 17.0 % Solids: 83.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	38	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	41	
95-95-4	2,4,5-Trichlorophenol	ND		200	41	
88-06-2	2,4,6-Trichlorophenol	ND		200	31	
120-83-2	2,4-Dichlorophenol	ND		200	39	
105-67-9	2,4-Dimethylphenol	ND		200	42	
51-28-5	2,4-Dinitrophenol	ND		2000	38	UJ
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	29	
91-58-7	2-Chloronaphthalene	ND		200	37	
123-91-1	1,4-Dioxane	ND		120	44	
95-57-8	2-Chlorophenol	ND		200	31	
95-48-7	2-Methylphenol	ND		200	33	
91-57-6	2-Methylnaphthalene	ND		200	32	
88-74-4	2-Nitroaniline	ND		390	34	
88-75-5	2-Nitrophenol	ND		200	23	
91-94-1	3,3'-Dichlorobenzidine	ND		390	59	
99-09-2	3-Nitroaniline	ND		390	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		390	44	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	34	
59-50-7	4-Chloro-3-methylphenol	ND		200	41	
106-47-8	4-Chloroaniline	ND		200	29	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	42	
106-44-5	4-Methylphenol	ND		390	36	
100-01-6	4-Nitroaniline	ND		390	29	
100-02-7	4-Nitrophenol	ND		390	55	
83-32-9	Acenaphthene	ND		200	37	
208-96-8	Acenaphthylene	ND		200	39	
98-86-2	Acetophenone	ND		200	35	
120-12-7	Anthracene	ND		200	37	
1912-24-9	Atrazine	ND		200	68	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240008-1

Matrix: Solid | Lab File ID: V31750080.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 10:15

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.22(g) | Date Analyzed: 07/01/2026 23:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 17.0 % Solids: 83.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	ND		200	28
50-32-8	Benzo[a]pyrene	ND		200	34
205-99-2	Benzo[b]fluoranthene	ND		200	27
191-24-2	Benzo[g,h,i]perylene	ND		200	35
207-08-9	Benzo[k]fluoranthene	ND		200	45
111-91-1	Bis(2-chloroethoxy)methane	ND		200	38
111-44-4	Bis(2-chloroethyl)ether	ND		200	38
117-81-7	Bis(2-ethylhexyl) phthalate	ND		200	44
85-68-7	Butyl benzyl phthalate	ND		200	37
105-60-2	Caprolactam	ND		200	46
86-74-8	Carbazole	ND		200	39
218-01-9	Chrysene	ND		200	48
53-70-3	Dibenz(a,h)anthracene	ND		200	41
84-74-2	Di-n-butyl phthalate	ND		200	45
117-84-0	Di-n-octyl phthalate	ND		200	38
132-64-9	Dibenzofuran	ND		200	35
84-66-2	Diethyl phthalate	ND		200	36
131-11-3	Dimethyl phthalate	ND		200	39
206-44-0	Fluoranthene	ND		200	37
86-73-7	Fluorene	ND		200	37
118-74-1	Hexachlorobenzene	ND		200	39
87-68-3	Hexachlorobutadiene	ND		200	30
77-47-4	Hexachlorocyclopentadiene	ND		390	88
67-72-1	Hexachloroethane	ND		200	37
193-39-5	Indeno[1,2,3-cd]pyrene	ND		200	30
78-59-1	Isophorone	ND		200	41
621-64-7	N-Nitrosodi-n-propylamine	ND		200	45
86-30-6	N-Nitrosodiphenylamine	ND		200	34
91-20-3	Naphthalene	ND		200	33
98-95-3	Nitrobenzene	ND		200	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240008-1

Matrix: Solid | Lab File ID: V31750080.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 10:15

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.22(g) | Date Analyzed: 07/01/2026 23:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 17.0 % Solids: 83.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		390	64
85-01-8	Phenanthrene	ND		200	38
108-95-2	Phenol	ND		200	37
129-00-0	Pyrene	ND		200	38

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	90		22-120
4165-62-2	Phenol-d5 (Surr)	89		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	103		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	85		10-140
321-60-8	2-Fluorobiphenyl (Surr)	88		29-120
367-12-4	2-Fluorophenol (Surr)	87		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240008-1

Matrix: Solid | Lab File ID: V31750080.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 10:15

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.22(g) | Date Analyzed: 07/01/2026 23:55

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 17.0 % Solids: 83.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

Number TICs Found: 3 | TIC Result Total: 41860

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.00	36000	T J	
	Unknown	3.49	5400	T J	
	Unknown	13.98	460	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240008-2

Matrix: Solid | Lab File ID: V31750081.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 14:00

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.40(g) | Date Analyzed: 07/02/2026 00:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 20.6 % Solids: 79.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		210	39	
108-60-1	bis (2-chloroisopropyl) ether	ND		210	42	
95-95-4	2,4,5-Trichlorophenol	ND		210	42	
88-06-2	2,4,6-Trichlorophenol	ND		210	32	
120-83-2	2,4-Dichlorophenol	ND		210	41	
105-67-9	2,4-Dimethylphenol	ND		210	44	
51-28-5	2,4-Dinitrophenol	ND		2000	40	UJ
121-14-2	2,4-Dinitrotoluene	ND		210	28	
606-20-2	2,6-Dinitrotoluene	ND		210	30	
91-58-7	2-Chloronaphthalene	ND		210	39	
123-91-1	1,4-Dioxane	ND		120	46	
95-57-8	2-Chlorophenol	ND		210	33	
95-48-7	2-Methylphenol	ND		210	34	
91-57-6	2-Methylnaphthalene	ND		210	33	
88-74-4	2-Nitroaniline	ND		410	35	
88-75-5	2-Nitrophenol	ND		210	24	
91-94-1	3,3'-Dichlorobenzidine	ND		410	61	
99-09-2	3-Nitroaniline	ND		410	29	
534-52-1	4,6-Dinitro-2-methylphenol	ND		410	46	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		210	35	
59-50-7	4-Chloro-3-methylphenol	ND		210	43	
106-47-8	4-Chloroaniline	ND		210	30	
7005-72-3	4-Chlorophenyl phenyl ether	ND		210	44	
106-44-5	4-Methylphenol	ND		410	37	
100-01-6	4-Nitroaniline	ND		410	30	
100-02-7	4-Nitrophenol	ND		410	57	
83-32-9	Acenaphthene	ND		210	39	
208-96-8	Acenaphthylene	ND		210	40	
98-86-2	Acetophenone	ND		210	37	
120-12-7	Anthracene	ND		210	38	
1912-24-9	Atrazine	ND		210	70	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240008-2

Matrix: Solid | Lab File ID: V31750081.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 14:00

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.40(g) | Date Analyzed: 07/02/2026 00:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 20.6 % Solids: 79.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		210	160
56-55-3	Benzo[a]anthracene	ND		210	29
50-32-8	Benzo[a]pyrene	ND		210	35
205-99-2	Benzo[b]fluoranthene	ND		210	28
191-24-2	Benzo[g,h,i]perylene	ND		210	36
207-08-9	Benzo[k]fluoranthene	ND		210	47
111-91-1	Bis(2-chloroethoxy)methane	ND		210	40
111-44-4	Bis(2-chloroethyl)ether	ND		210	39
117-81-7	Bis(2-ethylhexyl) phthalate	ND		210	45
85-68-7	Butyl benzyl phthalate	ND		210	38
105-60-2	Caprolactam	ND		210	48
86-74-8	Carbazole	ND		210	41
218-01-9	Chrysene	ND		210	50
53-70-3	Dibenz(a,h)anthracene	ND		210	42
84-74-2	Di-n-butyl phthalate	ND		210	47
117-84-0	Di-n-octyl phthalate	ND		210	40
132-64-9	Dibenzofuran	ND		210	37
84-66-2	Diethyl phthalate	ND		210	37
131-11-3	Dimethyl phthalate	ND		210	40
206-44-0	Fluoranthene	ND		210	38
86-73-7	Fluorene	ND		210	38
118-74-1	Hexachlorobenzene	ND		210	40
87-68-3	Hexachlorobutadiene	ND		210	31
77-47-4	Hexachlorocyclopentadiene	ND		410	91
67-72-1	Hexachloroethane	ND		210	38
193-39-5	Indeno[1,2,3-cd]pyrene	ND		210	31
78-59-1	Isophorone	ND		210	43
621-64-7	N-Nitrosodi-n-propylamine	ND		210	47
86-30-6	N-Nitrosodiphenylamine	ND		210	35
91-20-3	Naphthalene	ND		210	34
98-95-3	Nitrobenzene	ND		210	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240008-2

Matrix: Solid | Lab File ID: V31750081.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 14:00

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.40(g) | Date Analyzed: 07/02/2026 00:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 20.6 % Solids: 79.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		410	66
85-01-8	Phenanthrene	ND		210	39
108-95-2	Phenol	ND		210	38
129-00-0	Pyrene	ND		210	39

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	69		22-120
4165-62-2	Phenol-d5 (Surr)	72		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	87		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	64		10-140
321-60-8	2-Fluorobiphenyl (Surr)	75		29-120
367-12-4	2-Fluorophenol (Surr)	70		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240008-2

Matrix: Solid | Lab File ID: V31750081.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 14:00

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.40(g) | Date Analyzed: 07/02/2026 00:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 20.6 % Solids: 79.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

Number TICs Found: 7 | TIC Result Total: 6630

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.60	210	T J	
	Unknown	3.49	5400	T J	
629-78-7	Heptadecane	10.45	200	T J N	97%
593-45-3	Octadecane	10.91	170	T J N	97%
	Unknown	11.14	260	T J	
629-97-0	Docosane	12.39	210	T J N	91%
630-06-8	Hexatriacontane	13.26	180	T J N	90%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240008-3

Matrix: Solid | Lab File ID: V31750082.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 15:20

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.64(g) | Date Analyzed: 07/02/2026 00:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 17.5 % Solids: 82.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	37	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	40	
95-95-4	2,4,5-Trichlorophenol	ND		200	40	
88-06-2	2,4,6-Trichlorophenol	ND		200	30	
120-83-2	2,4-Dichlorophenol	ND		200	38	
105-67-9	2,4-Dimethylphenol	ND		200	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	UJ
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	28	
91-58-7	2-Chloronaphthalene	ND		200	37	
123-91-1	1,4-Dioxane	ND		120	43	
95-57-8	2-Chlorophenol	ND		200	31	
95-48-7	2-Methylphenol	ND		200	32	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		200	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	58	
99-09-2	3-Nitroaniline	ND		380	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	33	
59-50-7	4-Chloro-3-methylphenol	ND		200	40	
106-47-8	4-Chloroaniline	ND		200	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	41	
106-44-5	4-Methylphenol	ND		380	35	
100-01-6	4-Nitroaniline	ND		380	29	
100-02-7	4-Nitrophenol	ND		380	54	
83-32-9	Acenaphthene	ND		200	36	
208-96-8	Acenaphthylene	ND		200	38	
98-86-2	Acetophenone	ND		200	35	
120-12-7	Anthracene	ND		200	36	
1912-24-9	Atrazine	ND		200	66	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240008-3

Matrix: Solid | Lab File ID: V31750082.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 15:20

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.64(g) | Date Analyzed: 07/02/2026 00:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 17.5 % Solids: 82.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	ND		200	27
50-32-8	Benzo[a]pyrene	ND		200	33
205-99-2	Benzo[b]fluoranthene	ND		200	26
191-24-2	Benzo[g,h,i]perylene	ND		200	34
207-08-9	Benzo[k]fluoranthene	ND		200	44
111-91-1	Bis(2-chloroethoxy)methane	ND		200	38
111-44-4	Bis(2-chloroethyl)ether	ND		200	37
117-81-7	Bis(2-ethylhexyl) phthalate	ND		200	43
85-68-7	Butyl benzyl phthalate	ND		200	36
105-60-2	Caprolactam	ND		200	45
86-74-8	Carbazole	ND		200	39
218-01-9	Chrysene	ND		200	47
53-70-3	Dibenz(a,h)anthracene	ND		200	40
84-74-2	Di-n-butyl phthalate	ND		200	44
117-84-0	Di-n-octyl phthalate	ND		200	37
132-64-9	Dibenzofuran	ND		200	35
84-66-2	Diethyl phthalate	ND		200	35
131-11-3	Dimethyl phthalate	ND		200	38
206-44-0	Fluoranthene	ND		200	36
86-73-7	Fluorene	ND		200	36
118-74-1	Hexachlorobenzene	ND		200	38
87-68-3	Hexachlorobutadiene	ND		200	29
77-47-4	Hexachlorocyclopentadiene	ND		380	86
67-72-1	Hexachloroethane	ND		200	36
193-39-5	Indeno[1,2,3-cd]pyrene	ND		200	29
78-59-1	Isophorone	ND		200	40
621-64-7	N-Nitrosodi-n-propylamine	ND		200	44
86-30-6	N-Nitrosodiphenylamine	ND		200	33
91-20-3	Naphthalene	ND		200	33
98-95-3	Nitrobenzene	ND		200	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240008-3

Matrix: Solid | Lab File ID: V31750082.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 15:20

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.64(g) | Date Analyzed: 07/02/2026 00:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 17.5 % Solids: 82.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	63
85-01-8	Phenanthrene	ND		200	37
108-95-2	Phenol	ND		200	36
129-00-0	Pyrene	ND		200	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	75		22-120
4165-62-2	Phenol-d5 (Surr)	79		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	88		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	60		10-140
321-60-8	2-Fluorobiphenyl (Surr)	80		29-120
367-12-4	2-Fluorophenol (Surr)	77		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240008-3

Matrix: Solid | Lab File ID: V31750082.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 15:20

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.64(g) | Date Analyzed: 07/02/2026 00:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 17.5 % Solids: 82.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

Number TICs Found: 6 | TIC Result Total: 39240

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~2.00~~	~~32000~~	~~T J~~	
	Unknown	2.59	540	T J	
	~~Unknown~~	~~3.49~~	~~6000~~	~~T J~~	
	Unknown	5.62	190	T J	
629-78-7	Heptadecane	10.45	170	T J N	97%
	~~Unknown~~	~~11.14~~	~~340~~	~~T J~~	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240008-4

Matrix: Solid | Lab File ID: V31750083.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 16:30

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.40(g) | Date Analyzed: 07/02/2026 01:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	37	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	40	
95-95-4	2,4,5-Trichlorophenol	ND		200	40	
88-06-2	2,4,6-Trichlorophenol	ND		200	30	
120-83-2	2,4-Dichlorophenol	ND		200	38	
105-67-9	2,4-Dimethylphenol	ND		200	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	UJ
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	28	
91-58-7	2-Chloronaphthalene	ND		200	36	
123-91-1	1,4-Dioxane	ND		120	43	
95-57-8	2-Chlorophenol	ND		200	31	
95-48-7	2-Methylphenol	ND		200	32	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		200	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	57	
99-09-2	3-Nitroaniline	ND		380	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	33	
59-50-7	4-Chloro-3-methylphenol	ND		200	40	
106-47-8	4-Chloroaniline	ND		200	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	41	
106-44-5	4-Methylphenol	ND		380	35	
100-01-6	4-Nitroaniline	ND		380	29	
100-02-7	4-Nitrophenol	ND		380	53	
83-32-9	Acenaphthene	ND		200	36	
208-96-8	Acenaphthylene	ND		200	38	
98-86-2	Acetophenone	ND		200	34	
120-12-7	Anthracene	ND		200	36	
1912-24-9	Atrazine	ND		200	66	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240008-4

Matrix: Solid | Lab File ID: V31750083.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 16:30

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.40(g) | Date Analyzed: 07/02/2026 01:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	ND		200	27
50-32-8	Benzo[a]pyrene	ND		200	33
205-99-2	Benzo[b]fluoranthene	ND		200	26
191-24-2	Benzo[g,h,i]perylene	ND		200	34
207-08-9	Benzo[k]fluoranthene	ND		200	44
111-91-1	Bis(2-chloroethoxy)methane	ND		200	37
111-44-4	Bis(2-chloroethyl)ether	ND		200	37
117-81-7	Bis(2-ethylhexyl) phthalate	ND		200	42
85-68-7	Butyl benzyl phthalate	ND		200	36
105-60-2	Caprolactam	ND		200	45
86-74-8	Carbazole	ND		200	38
218-01-9	Chrysene	ND		200	47
53-70-3	Dibenz(a,h)anthracene	ND		200	39
84-74-2	Di-n-butyl phthalate	ND		200	44
117-84-0	Di-n-octyl phthalate	ND		200	37
132-64-9	Dibenzofuran	ND		200	34
84-66-2	Diethyl phthalate	ND		200	35
131-11-3	Dimethyl phthalate	ND		200	38
206-44-0	Fluoranthene	ND		200	36
86-73-7	Fluorene	ND		200	36
118-74-1	Hexachlorobenzene	ND		200	38
87-68-3	Hexachlorobutadiene	ND		200	29
77-47-4	Hexachlorocyclopentadiene	ND		380	85
67-72-1	Hexachloroethane	ND		200	36
193-39-5	Indeno[1,2,3-cd]pyrene	ND		200	29
78-59-1	Isophorone	ND		200	40
621-64-7	N-Nitrosodi-n-propylamine	ND		200	44
86-30-6	N-Nitrosodiphenylamine	ND		200	33
91-20-3	Naphthalene	ND		200	32
98-95-3	Nitrobenzene	ND		200	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240008-4

Matrix: Solid | Lab File ID: V31750083.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 16:30

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.40(g) | Date Analyzed: 07/02/2026 01:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	62
85-01-8	Phenanthrene	ND		200	37
108-95-2	Phenol	ND		200	36
129-00-0	Pyrene	ND		200	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	74		22-120
4165-62-2	Phenol-d5 (Surr)	74		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	91		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	71		10-140
321-60-8	2-Fluorobiphenyl (Surr)	78		29-120
367-12-4	2-Fluorophenol (Surr)	73		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240008-4

Matrix: Solid | Lab File ID: V31750083.d

Analysis Method: EPA 8270E | Date Collected: 06/29/2026 16:30

Extract. Method: 3546 | Date Extracted: 07/01/2026 07:03

Sample wt/vol: 15.40(g) | Date Analyzed: 07/02/2026 01:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

Number TICs Found: 8 | TIC Result Total: 16190

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~2.00~~	~~9600~~	~~T J~~	
	~~Unknown~~	~~3.49~~	~~5500~~	~~T J~~	
544-76-3	Hexadecane	9.93	170	T J N	97%
629-78-7	Heptadecane	10.45	220	T J N	97%
593-45-3	Octadecane	10.91	190	T J N	97%
629-92-5	Nonadecane	11.33	180	T J N	96%
112-95-8	Eicosane	11.71	160	T J N	94%
638-67-5	Tricosane	12.69	170	T J N	94%

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Method 8081B

Organochlorine Pesticides (GC) by Method 8081B

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240008-1

Matrix: Solid | Lab File ID: 5_90174.D

Analysis Method: 8081B | Date Collected: 06/29/2026 10:15

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.24(g) | Date Analyzed: 07/02/2026 11:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 17.0 % Solids: 83.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		4.0	0.77	
72-55-9	4,4'-DDE	ND		4.0	0.83	
50-29-3	4,4'-DDT	ND		4.0	0.92	
319-85-7	beta-BHC	ND		4.0	0.71	
5103-71-9	cis-Chlordane	ND		4.0	2.0	
319-84-6	alpha-BHC	ND		4.0	0.71	
309-00-2	Aldrin	ND		4.0	0.97	
319-86-8	delta-BHC	ND		4.0	0.74	
60-57-1	Dieldrin	ND		4.0	0.95	
959-98-8	Endosulfan I	ND		4.0	0.76	
33213-65-9	Endosulfan II	ND		4.0	0.71	
1031-07-8	Endosulfan sulfate	ND		4.0	0.74	
72-20-8	Endrin	ND		4.0	0.78	
7421-93-4	Endrin aldehyde	ND		4.0	1.0	
53494-70-5	Endrin ketone	ND		4.0	0.97	
58-89-9	gamma-BHC (Lindane)	ND		4.0	0.73	
5103-74-2	trans-Chlordane	ND		4.0	1.3	
76-44-8	Heptachlor	ND		4.0	0.86	
1024-57-3	Heptachlor epoxide	ND		4.0	1.0	
72-43-5	Methoxychlor	ND		4.0	0.81	
8001-35-2	Toxaphene	ND		40	23	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		45-120
877-09-8	Tetrachloro-m-xylene	96		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240008-2

Matrix: Solid | Lab File ID: 5_90175.D

Analysis Method: 8081B | Date Collected: 06/29/2026 14:00

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.13(g) | Date Analyzed: 07/02/2026 11:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 20.6 % Solids: 79.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		4.2	0.81	
72-55-9	4,4'-DDE	ND		4.2	0.87	
50-29-3	4,4'-DDT	ND		4.2	0.97	
319-85-7	beta-BHC	ND		4.2	0.75	
5103-71-9	cis-Chlordane	ND		4.2	2.1	
319-84-6	alpha-BHC	ND		4.2	0.75	
309-00-2	Aldrin	ND		4.2	1.0	
319-86-8	delta-BHC	ND		4.2	0.77	
60-57-1	Dieldrin	ND		4.2	1.0	
959-98-8	Endosulfan I	ND		4.2	0.80	
33213-65-9	Endosulfan II	ND		4.2	0.75	
1031-07-8	Endosulfan sulfate	ND		4.2	0.78	
72-20-8	Endrin	ND		4.2	0.82	
7421-93-4	Endrin aldehyde	ND		4.2	1.1	
53494-70-5	Endrin ketone	ND		4.2	1.0	
58-89-9	gamma-BHC (Lindane)	ND		4.2	0.76	
5103-74-2	trans-Chlordane	ND		4.2	1.3	
76-44-8	Heptachlor	ND		4.2	0.90	
1024-57-3	Heptachlor epoxide	ND		4.2	1.1	
72-43-5	Methoxychlor	ND		4.2	0.85	
8001-35-2	Toxaphene	ND		42	24	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		45-120
877-09-8	Tetrachloro-m-xylene	85		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240008-3

Matrix: Solid | Lab File ID: 5_90176.D

Analysis Method: 8081B | Date Collected: 06/29/2026 15:20

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.24(g) | Date Analyzed: 07/02/2026 12:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 17.5 % Solids: 82.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		4.0	0.77	
72-55-9	4,4'-DDE	ND		4.0	0.83	
50-29-3	4,4'-DDT	ND		4.0	0.93	
319-85-7	beta-BHC	ND		4.0	0.72	
5103-71-9	cis-Chlordane	ND		4.0	2.0	
319-84-6	alpha-BHC	ND		4.0	0.72	
309-00-2	Aldrin	ND		4.0	0.98	
319-86-8	delta-BHC	ND		4.0	0.74	
60-57-1	Dieldrin	ND		4.0	0.95	
959-98-8	Endosulfan I	ND		4.0	0.76	
33213-65-9	Endosulfan II	ND		4.0	0.72	
1031-07-8	Endosulfan sulfate	ND		4.0	0.74	
72-20-8	Endrin	ND		4.0	0.79	
7421-93-4	Endrin aldehyde	ND		4.0	1.0	
53494-70-5	Endrin ketone	ND		4.0	0.98	
58-89-9	gamma-BHC (Lindane)	ND		4.0	0.73	
5103-74-2	trans-Chlordane	ND		4.0	1.3	
76-44-8	Heptachlor	ND		4.0	0.86	
1024-57-3	Heptachlor epoxide	ND		4.0	1.0	
72-43-5	Methoxychlor	ND		4.0	0.81	
8001-35-2	Toxaphene	ND		40	23	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		45-120
877-09-8	Tetrachloro-m-xylene	90		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240008-4

Matrix: Solid | Lab File ID: 5_90177.D

Analysis Method: 8081B | Date Collected: 06/29/2026 16:30

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.18(g) | Date Analyzed: 07/02/2026 12:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.9	0.76	
72-55-9	4,4'-DDE	ND		3.9	0.82	
50-29-3	4,4'-DDT	ND		3.9	0.91	
319-85-7	beta-BHC	ND		3.9	0.70	
5103-71-9	cis-Chlordane	ND		3.9	1.9	
319-84-6	alpha-BHC	ND		3.9	0.70	
309-00-2	Aldrin	ND		3.9	0.96	
319-86-8	delta-BHC	ND		3.9	0.73	
60-57-1	Dieldrin	ND		3.9	0.94	
959-98-8	Endosulfan I	ND		3.9	0.75	
33213-65-9	Endosulfan II	ND		3.9	0.70	
1031-07-8	Endosulfan sulfate	ND		3.9	0.73	
72-20-8	Endrin	ND		3.9	0.77	
7421-93-4	Endrin aldehyde	ND		3.9	1.0	
53494-70-5	Endrin ketone	ND		3.9	0.96	
58-89-9	gamma-BHC (Lindane)	ND		3.9	0.72	
5103-74-2	trans-Chlordane	ND		3.9	1.2	
76-44-8	Heptachlor	ND		3.9	0.85	
1024-57-3	Heptachlor epoxide	ND		3.9	1.0	
72-43-5	Methoxychlor	ND		3.9	0.80	
8001-35-2	Toxaphene	ND		39	23	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	65		45-120
877-09-8	Tetrachloro-m-xylene	69		30-124

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Method 8082A

Polychlorinated Biphenyls (PCBs) (GC) by Method 8082A

No data validation qualifieres were added

MKP 7/27/2026

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240008-1

Matrix: Solid | Lab File ID: 60009430.D

Analysis Method: 8082A | Date Collected: 06/29/2026 10:15

Extraction Method: 3550C | Date Extracted: 07/01/2026 06:53

Sample wt/vol: 2.20(g) | Date Analyzed: 07/01/2026 17:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 17.0 % Solids: 83.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779683 | Units: mg/Kg

Preparation Batch No.: 779671 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.27	0.054
11104-28-2	PCB-1221	ND		0.27	0.054
11141-16-5	PCB-1232	ND		0.27	0.054
53469-21-9	PCB-1242	ND		0.27	0.054
12672-29-6	PCB-1248	ND		0.27	0.054
11097-69-1	PCB-1254	ND		0.27	0.13
11096-82-5	PCB-1260	ND		0.27	0.13

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	108		60-154
2051-24-3	DCB Decachlorobiphenyl	80		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240008-2

Matrix: Solid | Lab File ID: 60009431.D

Analysis Method: 8082A | Date Collected: 06/29/2026 14:00

Extraction Method: 3550C | Date Extracted: 07/01/2026 06:53

Sample wt/vol: 2.67(g) | Date Analyzed: 07/01/2026 17:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 20.6 % Solids: 79.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779683 | Units: mg/Kg

Preparation Batch No.: 779671 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.24	0.046
11104-28-2	PCB-1221	ND		0.24	0.046
11141-16-5	PCB-1232	ND		0.24	0.046
53469-21-9	PCB-1242	ND		0.24	0.046
12672-29-6	PCB-1248	ND		0.24	0.046
11097-69-1	PCB-1254	ND		0.24	0.11
11096-82-5	PCB-1260	ND		0.24	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	112		60-154
2051-24-3	DCB Decachlorobiphenyl	90		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240008-3

Matrix: Solid | Lab File ID: 60009432.D

Analysis Method: 8082A | Date Collected: 06/29/2026 15:20

Extraction Method: 3550C | Date Extracted: 07/01/2026 06:53

Sample wt/vol: 2.84(g) | Date Analyzed: 07/01/2026 18:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 17.5 % Solids: 82.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779683 | Units: mg/Kg

Preparation Batch No.: 779671 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.21	0.042
11104-28-2	PCB-1221	ND		0.21	0.042
11141-16-5	PCB-1232	ND		0.21	0.042
53469-21-9	PCB-1242	ND		0.21	0.042
12672-29-6	PCB-1248	ND		0.21	0.042
11097-69-1	PCB-1254	ND		0.21	0.10
11096-82-5	PCB-1260	ND		0.21	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	110		60-154
2051-24-3	DCB Decachlorobiphenyl	87		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240008-4

Matrix: Solid | Lab File ID: 60009433.D

Analysis Method: 8082A | Date Collected: 06/29/2026 16:30

Extraction Method: 3550C | Date Extracted: 07/01/2026 06:53

Sample wt/vol: 2.27(g) | Date Analyzed: 07/01/2026 18:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779683 | Units: mg/Kg

Preparation Batch No.: 779671 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.26	0.051
11104-28-2	PCB-1221	ND		0.26	0.051
11141-16-5	PCB-1232	ND		0.26	0.051
53469-21-9	PCB-1242	ND		0.26	0.051
12672-29-6	PCB-1248	ND		0.26	0.051
11097-69-1	PCB-1254	ND		0.26	0.12
11096-82-5	PCB-1260	ND		0.26	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	119		60-154
2051-24-3	DCB Decachlorobiphenyl	100		65-174

1633A

Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1

Matrix: Solid
Lab File ID: 26JUL14PC-33.d

Analysis Method: 1633A
Date Collected: 06/29/2026 10:15

Extraction Method: 1633A
Date Extracted: 07/06/2026 10:45

Sample wt/vol: 2.49(g)
Date Analyzed: 07/14/2026 19:49

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 17.0 % Solids: 83.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851150
Units: ng/g

Preparation Batch No.: 846564
Instrument ID: 30577

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.097
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.097
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1

Matrix: Solid
Lab File ID: 26JUL14PC-33.d

Analysis Method: 1633A
Date Collected: 06/29/2026 10:15

Extraction Method: 1633A
Date Extracted: 07/06/2026 10:45

Sample wt/vol: 2.49(g)
Date Analyzed: 07/14/2026 19:49

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 17.0 % Solids: 83.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851150
Units: ng/g

Preparation Batch No.: 846564
Instrument ID: 30577

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.097	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.097	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1

Matrix: Solid
Lab File ID: 26JUL14PC-33.d

Analysis Method: 1633A
Date Collected: 06/29/2026 10:15

Extraction Method: 1633A
Date Extracted: 07/06/2026 10:45

Sample wt/vol: 2.49(g)
Date Analyzed: 07/14/2026 19:49

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 17.0 % Solids: 83.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851150
Units: ng/g

Preparation Batch No.: 846564
Instrument ID: 30577

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	77.6		8-130
2283397-79-3	13C5 PFPeA	83.2		35-130
2328024-54-8	13C5 PFHxA	83.2		40-130
2328024-55-9	13C4 PFHpA	77.1		40-130
1350614-84-4	13C8 PFOA	86.5		40-130
2283397-80-6	13C9 PFNA	84.1		40-130
2328024-56-0	13C6 PFDA	78.2		40-130
STL02580	13C7 PFUnA	68.9		40-130
STL02116	13C2 PFTeDA	52.6		20-130
2708218-83-9	13C3 PFBS	74.9		40-135
2708218-85-1	13C3 PFHxS	74.7		40-130
2265893-05-6	13C8 PFOS	71.2		40-130
STL01056	13C8 FOSA	68.0		40-130
1400690-70-1	d3-NMeFOSAA	79.8		40-135
1265205-97-7	d5-NEtFOSAA	74.1		40-150
STL02395	13C2 4:2 FTS	109		40-165
STL02279	13C2 6:2 FTS	110		40-215
STL02280	13C2 8:2 FTS	108		40-275
STL02255	13C3 HFPO-DA	78.3		40-130
STL02277	d7-N-MeFOSE-M	46.5		20-130
STL02278	d9-N-EtFOSE-M	39.4		15-130
STL02704	d5-NEtPFOSA	40.9		10-130
STL02705	d3-NMePFOSA	48.8		10-130
960315-52-0	13C2 PFDoA	60.7		40-130
STL03731	13C3-PFDoS	48.6		20-150
STL03747	13C3-3:3 FTCA	94.9		20-150
STL03748	13C3-5:3 FTCA	84.7		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2

Matrix: Solid
Lab File ID: 26JUL14PC-34.d

Analysis Method: 1633A
Date Collected: 06/29/2026 14:00

Extraction Method: 1633A
Date Extracted: 07/06/2026 10:45

Sample wt/vol: 2.53(g)
Date Analyzed: 07/14/2026 20:02

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 20.6 % Solids: 79.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851150
Units: ng/g

Preparation Batch No.: 846564
Instrument ID: 30577

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.40	0.10
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.060
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.10
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.060
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-2 Lab Sample ID: 480-240008-2

Matrix: Solid Lab File ID: 26JUL14PC-34.d

Analysis Method: 1633A Date Collected: 06/29/2026 14:00

Extraction Method: 1633A Date Extracted: 07/06/2026 10:45

Sample wt/vol: 2.53(g) Date Analyzed: 07/14/2026 20:02

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 20.6 % Solids: 79.4 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851150 Units: ng/g

Preparation Batch No.: 846564 Instrument ID: 30577

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.10	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.10	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2

Matrix: Solid
Lab File ID: 26JUL14PC-34.d

Analysis Method: 1633A
Date Collected: 06/29/2026 14:00

Extraction Method: 1633A
Date Extracted: 07/06/2026 10:45

Sample wt/vol: 2.53(g)
Date Analyzed: 07/14/2026 20:02

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 20.6 % Solids: 79.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851150
Units: ng/g

Preparation Batch No.: 846564
Instrument ID: 30577

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	83.4		8-130
2283397-79-3	13C5 PFPeA	91.2		35-130
2328024-54-8	13C5 PFHxA	90.1		40-130
2328024-55-9	13C4 PFHpA	83.7		40-130
1350614-84-4	13C8 PFOA	85.9		40-130
2283397-80-6	13C9 PFNA	90.1		40-130
2328024-56-0	13C6 PFDA	83.4		40-130
STL02580	13C7 PFUnA	83.2		40-130
STL02116	13C2 PFTeDA	66.6		20-130
2708218-83-9	13C3 PFBS	80.3		40-135
2708218-85-1	13C3 PFHxS	79.8		40-130
2265893-05-6	13C8 PFOS	80.2		40-130
STL01056	13C8 FOSA	74.4		40-130
1400690-70-1	d3-NMeFOSAA	90.8		40-135
1265205-97-7	d5-NEtFOSAA	82.6		40-150
STL02395	13C2 4:2 FTS	114		40-165
STL02279	13C2 6:2 FTS	114		40-215
STL02280	13C2 8:2 FTS	122		40-275
STL02255	13C3 HFPO-DA	76.9		40-130
STL02277	d7-N-MeFOSE-M	55.3		20-130
STL02278	d9-N-EtFOSE-M	47.8		15-130
STL02704	d5-NEtPFOSA	48.7		10-130
STL02705	d3-NMePFOSA	56.5		10-130
960315-52-0	13C2 PFDoA	72.2		40-130
STL03731	13C3-PFDoS	63.1		20-150
STL03747	13C3-3:3 FTCA	105		20-150
STL03748	13C3-5:3 FTCA	87.3		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3

Matrix: Solid
Lab File ID: 26JUL14PC-35.d

Analysis Method: 1633A
Date Collected: 06/29/2026 15:20

Extraction Method: 1633A
Date Extracted: 07/06/2026 10:45

Sample wt/vol: 2.50(g)
Date Analyzed: 07/14/2026 20:16

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 17.5 % Solids: 82.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851150
Units: ng/g

Preparation Batch No.: 846564
Instrument ID: 30577

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.097
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.097
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-3 Lab Sample ID: 480-240008-3

Matrix: Solid Lab File ID: 26JUL14PC-35.d

Analysis Method: 1633A Date Collected: 06/29/2026 15:20

Extraction Method: 1633A Date Extracted: 07/06/2026 10:45

Sample wt/vol: 2.50(g) Date Analyzed: 07/14/2026 20:16

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 17.5 % Solids: 82.5 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851150 Units: ng/g

Preparation Batch No.: 846564 Instrument ID: 30577

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.097	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.097	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3

Matrix: Solid
Lab File ID: 26JUL14PC-35.d

Analysis Method: 1633A
Date Collected: 06/29/2026 15:20

Extraction Method: 1633A
Date Extracted: 07/06/2026 10:45

Sample wt/vol: 2.50(g)
Date Analyzed: 07/14/2026 20:16

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 17.5 % Solids: 82.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851150
Units: ng/g

Preparation Batch No.: 846564
Instrument ID: 30577

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	90.8		8-130
2283397-79-3	13C5 PFPeA	94.9		35-130
2328024-54-8	13C5 PFHxA	92.9		40-130
2328024-55-9	13C4 PFHpA	86.9		40-130
1350614-84-4	13C8 PFOA	90.1		40-130
2283397-80-6	13C9 PFNA	96.3		40-130
2328024-56-0	13C6 PFDA	94.5		40-130
STL02580	13C7 PFUnA	89.3		40-130
STL02116	13C2 PFTeDA	50.0		20-130
2708218-83-9	13C3 PFBS	86.4		40-135
2708218-85-1	13C3 PFHxS	85.8		40-130
2265893-05-6	13C8 PFOS	88.2		40-130
STL01056	13C8 FOSA	84.3		40-130
1400690-70-1	d3-NMeFOSAA	101		40-135
1265205-97-7	d5-NEtFOSAA	100		40-150
STL02395	13C2 4:2 FTS	119		40-165
STL02279	13C2 6:2 FTS	119		40-215
STL02280	13C2 8:2 FTS	122		40-275
STL02255	13C3 HFPO-DA	83.2		40-130
STL02277	d7-N-MeFOSE-M	59.9		20-130
STL02278	d9-N-EtFOSE-M	46.5		15-130
STL02704	d5-NEtPFOSA	50.9		10-130
STL02705	d3-NMePFOSA	60.0		10-130
960315-52-0	13C2 PFDoA	76.8		40-130
STL03731	13C3-PFDoS	65.1		20-150
STL03747	13C3-3:3 FTCA	113		20-150
STL03748	13C3-5:3 FTCA	91.3		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4

Matrix: Solid
Lab File ID: 26JUL14PC-36.d

Analysis Method: 1633A
Date Collected: 06/29/2026 16:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 10:45

Sample wt/vol: 2.45(g)
Date Analyzed: 07/14/2026 20:29

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.6 % Solids: 84.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851150
Units: ng/g

Preparation Batch No.: 846564
Instrument ID: 30577

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.097
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.097
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-4 Lab Sample ID: 480-240008-4

Matrix: Solid Lab File ID: 26JUL14PC-36.d

Analysis Method: 1633A Date Collected: 06/29/2026 16:30

Extraction Method: 1633A Date Extracted: 07/06/2026 10:45

Sample wt/vol: 2.45(g) Date Analyzed: 07/14/2026 20:29

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.6 % Solids: 84.4 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851150 Units: ng/g

Preparation Batch No.: 846564 Instrument ID: 30577

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.097	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.097	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND	F1	0.97	0.48	UJ

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240008-1

SDG No.:

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4

Matrix: Solid
Lab File ID: 26JUL14PC-36.d

Analysis Method: 1633A
Date Collected: 06/29/2026 16:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 10:45

Sample wt/vol: 2.45(g)
Date Analyzed: 07/14/2026 20:29

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.6 % Solids: 84.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851150
Units: ng/g

Preparation Batch No.: 846564
Instrument ID: 30577

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	89.4		8-130
2283397-79-3	13C5 PFPeA	105		35-130
2328024-54-8	13C5 PFHxA	99.0		40-130
2328024-55-9	13C4 PFHpA	94.4		40-130
1350614-84-4	13C8 PFOA	95.3		40-130
2283397-80-6	13C9 PFNA	95.5		40-130
2328024-56-0	13C6 PFDA	95.9		40-130
STL02580	13C7 PFUnA	90.5		40-130
STL02116	13C2 PFTeDA	73.5		20-130
2708218-83-9	13C3 PFBS	88.8		40-135
2708218-85-1	13C3 PFHxS	90.3		40-130
2265893-05-6	13C8 PFOS	88.5		40-130
STL01056	13C8 FOSA	80.2		40-130
1400690-70-1	d3-NMeFOSAA	97.4		40-135
1265205-97-7	d5-NEtFOSAA	94.3		40-150
STL02395	13C2 4:2 FTS	139		40-165
STL02279	13C2 6:2 FTS	135		40-215
STL02280	13C2 8:2 FTS	133		40-275
STL02255	13C3 HFPO-DA	87.3		40-130
STL02277	d7-N-MeFOSE-M	75.0		20-130
STL02278	d9-N-EtFOSE-M	66.4		15-130
STL02704	d5-NEtPFOSA	59.1		10-130
STL02705	d3-NMePFOSA	67.5		10-130
960315-52-0	13C2 PFDoA	85.5		40-130
STL03731	13C3-PFDoS	73.9		20-150
STL03747	13C3-3:3 FTCA	113		20-150
STL03748	13C3-5:3 FTCA	99.7		20-150

METALS

No data validation qualifieres were added

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COVER PAGE
METALS

Lab Name: Eurofins Buffalo Job Number: 480-240008-1

SDG No.:

Project: 375 Michigan Remedial Investigation

Client Sample ID	Lab Sample ID
RI-MW-1	480-240008-1
RI-MW-2	480-240008-2
RI-MW-3	480-240008-3
RI-MW-4	480-240008-4

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1
Lab Name: Eurofins Buffalo
Job No.: 480-240008-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2026 10:15
Reporting Basis: DRY
Date Received: 06/29/2026 17:15
Preparation Batch Number: 779744
Instrument ID: ICAP4
% Solids: 83.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	14900	11.9	10.2	mg/Kg			1	6010D
7440-36-0	Antimony	ND	17.8	0.63	mg/Kg			1	6010D
7440-38-2	Arsenic	2.5	2.4	1.0	mg/Kg			1	6010D
7440-39-3	Barium	104	0.59	0.17	mg/Kg			1	6010D
7440-41-7	Beryllium	0.58	0.24	0.047	mg/Kg			1	6010D
7440-43-9	Cadmium	0.25	0.24	0.083	mg/Kg			1	6010D
7440-70-2	Calcium	72000	59.3	32.0	mg/Kg			1	6010D
7440-47-3	Chromium	17.7	0.59	0.43	mg/Kg			1	6010D
7440-48-4	Cobalt	7.4	0.59	0.12	mg/Kg			1	6010D
7440-50-8	Copper	13.5	1.2	0.68	mg/Kg			1	6010D
7439-89-6	Iron	16700	11.9	10.1	mg/Kg			1	6010D
7439-92-1	Lead	8.6	1.2	0.55	mg/Kg			1	6010D
7439-95-4	Magnesium	31600	23.7	10.1	mg/Kg			1	6010D
7439-96-5	Manganese	416	1.2	0.33	mg/Kg			1	6010D
7440-02-0	Nickel	14.2	5.9	0.30	mg/Kg			1	6010D
7440-09-7	Potassium	5370	35.6	28.8	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.7	0.95	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.71	0.24	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	477	166	72.7	mg/Kg			1	6010D
7440-28-0	Thallium	ND	7.1	0.90	mg/Kg			1	6010D
7440-62-2	Vanadium	28.6	0.59	0.15	mg/Kg			1	6010D
7440-66-6	Zinc	62.3	2.4	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.015	0.024	0.0054	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2
Lab Name: Eurofins Buffalo
Job No.: 480-240008-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2026 14:00
Reporting Basis: DRY
Date Received: 06/29/2026 17:15
Preparation Batch Number: 779744
Instrument ID: ICAP4
% Solids: 79.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	19900	12.1	10.4	mg/Kg			1	6010D
7440-36-0	Antimony	ND	18.1	0.64	mg/Kg			1	6010D
7440-38-2	Arsenic	3.6	2.4	1.1	mg/Kg			1	6010D
7440-39-3	Barium	128	0.60	0.17	mg/Kg			1	6010D
7440-41-7	Beryllium	0.77	0.24	0.048	mg/Kg			1	6010D
7440-43-9	Cadmium	0.29	0.24	0.085	mg/Kg			1	6010D
7440-70-2	Calcium	66100	60.4	32.6	mg/Kg			1	6010D
7440-47-3	Chromium	22.3	0.60	0.43	mg/Kg			1	6010D
7440-48-4	Cobalt	9.6	0.60	0.12	mg/Kg			1	6010D
7440-50-8	Copper	16.5	1.2	0.69	mg/Kg			1	6010D
7439-89-6	Iron	20800	12.1	10.2	mg/Kg			1	6010D
7439-92-1	Lead	9.0	1.2	0.56	mg/Kg			1	6010D
7439-95-4	Magnesium	29100	24.2	10.2	mg/Kg			1	6010D
7439-96-5	Manganese	464	1.2	0.34	mg/Kg			1	6010D
7440-02-0	Nickel	18.8	6.0	0.30	mg/Kg			1	6010D
7440-09-7	Potassium	7170	36.2	29.3	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.8	0.97	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.72	0.24	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	552	169	74.0	mg/Kg			1	6010D
7440-28-0	Thallium	ND	7.2	0.92	mg/Kg			1	6010D
7440-62-2	Vanadium	35.8	0.60	0.16	mg/Kg			1	6010D
7440-66-6	Zinc	71.8	2.4	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.013	0.025	0.0058	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3
Lab Name: Eurofins Buffalo
Job No.: 480-240008-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2026 15:20
Reporting Basis: DRY
Date Received: 06/29/2026 17:15
Preparation Batch Number: 779744
Instrument ID: ICAP4
% Solids: 82.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	16800	12.1	10.4	mg/Kg			1	6010D
7440-36-0	Antimony	ND	18.2	0.64	mg/Kg			1	6010D
7440-38-2	Arsenic	3.4	2.4	1.1	mg/Kg			1	6010D
7440-39-3	Barium	113	0.61	0.17	mg/Kg			1	6010D
7440-41-7	Beryllium	0.65	0.24	0.048	mg/Kg			1	6010D
7440-43-9	Cadmium	0.27	0.24	0.085	mg/Kg			1	6010D
7440-70-2	Calcium	71400	60.6	32.7	mg/Kg			1	6010D
7440-47-3	Chromium	19.7	0.61	0.44	mg/Kg			1	6010D
7440-48-4	Cobalt	8.3	0.61	0.12	mg/Kg			1	6010D
7440-50-8	Copper	15.1	1.2	0.69	mg/Kg			1	6010D
7439-89-6	Iron	18100	12.1	10.3	mg/Kg			1	6010D
7439-92-1	Lead	10.2	1.2	0.56	mg/Kg			1	6010D
7439-95-4	Magnesium	31500	24.2	10.3	mg/Kg			1	6010D
7439-96-5	Manganese	435	1.2	0.34	mg/Kg			1	6010D
7440-02-0	Nickel	16.2	6.1	0.30	mg/Kg			1	6010D
7440-09-7	Potassium	6110	36.4	29.4	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.8	0.97	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.73	0.24	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	499	170	74.3	mg/Kg			1	6010D
7440-28-0	Thallium	ND	7.3	0.92	mg/Kg			1	6010D
7440-62-2	Vanadium	30.7	0.61	0.16	mg/Kg			1	6010D
7440-66-6	Zinc	69.7	2.4	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.019	0.028	0.0065	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4
Lab Name: Eurofins Buffalo
Job No.: 480-240008-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2026 16:30
Reporting Basis: DRY
Date Received: 06/29/2026 17:15
Preparation Batch Number: 779744
Instrument ID: ICAP4
% Solids: 84.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	17400	11.7	10.1	mg/Kg			1	6010D
7440-36-0	Antimony	ND	17.6	0.62	mg/Kg			1	6010D
7440-38-2	Arsenic	2.7	2.3	1.0	mg/Kg			1	6010D
7440-39-3	Barium	94.5	0.59	0.16	mg/Kg			1	6010D
7440-41-7	Beryllium	0.69	0.23	0.047	mg/Kg			1	6010D
7440-43-9	Cadmium	0.25	0.23	0.082	mg/Kg			1	6010D
7440-70-2	Calcium	64200	58.5	31.6	mg/Kg			1	6010D
7440-47-3	Chromium	20.1	0.59	0.42	mg/Kg			1	6010D
7440-48-4	Cobalt	9.3	0.59	0.12	mg/Kg			1	6010D
7440-50-8	Copper	15.2	1.2	0.67	mg/Kg			1	6010D
7439-89-6	Iron	19800	11.7	9.9	mg/Kg			1	6010D
7439-92-1	Lead	10.2	1.2	0.54	mg/Kg			1	6010D
7439-95-4	Magnesium	28100	23.4	9.9	mg/Kg			1	6010D
7439-96-5	Manganese	452	1.2	0.33	mg/Kg			1	6010D
7440-02-0	Nickel	17.5	5.9	0.29	mg/Kg			1	6010D
7440-09-7	Potassium	6050	35.1	28.4	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.7	0.94	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.70	0.23	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	528	164	71.7	mg/Kg			1	6010D
7440-28-0	Thallium	ND	7.0	0.89	mg/Kg			1	6010D
7440-62-2	Vanadium	32.2	0.59	0.15	mg/Kg			1	6010D
7440-66-6	Zinc	73.1	2.3	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.011	0.023	0.0054	mg/Kg	J		1	7471B

GENERAL CHEMISTRY

No data validation qualifieres were added

MKP 7/27/2026

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job Number: 480-240008-1

SDG No.:

Project: 375 Michigan Remedial Investigation

Client Sample ID	Lab Sample ID
RI-MW-1	480-240008-1
RI-MW-2	480-240008-2
RI-MW-3	480-240008-3
RI-MW-4	480-240008-4

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240008-1
Lab Name: Eurofins Buffalo
Job No.: 480-240008-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2026 10:15
Reporting Basis: DRY
Date Received: 06/29/2026 17:15
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 83.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.51	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240008-2
Lab Name: Eurofins Buffalo
Job No.: 480-240008-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2026 14:00
Reporting Basis: DRY
Date Received: 06/29/2026 17:15
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 79.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.2	0.56	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240008-3
Lab Name: Eurofins Buffalo
Job No.: 480-240008-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2026 15:20
Reporting Basis: DRY
Date Received: 06/29/2026 17:15
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 82.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.2	0.57	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240008-4
Lab Name: Eurofins Buffalo
Job No.: 480-240008-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/29/2026 16:30
Reporting Basis: DRY
Date Received: 06/29/2026 17:15
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 84.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.52	mg/Kg			1	9012B

General Chemistry Raw Data Report

Job ID: 480-240008-1

Batch: 779620
Method: Moisture

Analyst Initials: MAN
Instrument: No Equipment Used for this Test

Lab Sample ID: 480-240008-A-1

Analysis Date: Jun 30, 2026 13:42

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	16.9990503323837	%
Percent Solids	None	1	83.0009496676163	%

Lab Sample ID: 480-240008-A-2

Analysis Date: Jun 30, 2026 13:42

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	20.6417112299465	%
Percent Solids	None	1	79.3582887700535	%

Lab Sample ID: 480-240008-A-3

Analysis Date: Jun 30, 2026 13:42

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	17.453250222618	%
Percent Solids	None	1	82.546749777382	%

Lab Sample ID: 480-240008-A-4

Analysis Date: Jun 30, 2026 13:42

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.633423180593	%
Percent Solids	None	1	84.366576819407	%

Shipping and Receiving Documents

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214744-42931.4
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 4 of 5
Company: Brydges Engineering in Environment & Energy DPC	PWSID:	Analysis Requested		Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			Preservation Codes: N None
City: Buffalo	TAT Requested (days):			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI Soil	Project #: 48030331			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	6010D, 7471B, 9012B	8081B, 8082A, 8270E	8260D TCL VOCs + TICs (ML Bulk)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
RI-MW-1	6-29-26	10 15		Solid			X	X	X	X		
RI-MW-2	6-29-26	2 00		Solid			X	X	X	X		
RI-MW-3	6-29-26	3 20		Solid			X	X	X	X		
RI-MW-4	6-29-26	4 30		Solid			X	X	X	X		
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								

480-240008 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	William Beninati	6-29-26 / 5 15	BE3	VAS	6-29-26 ~~1515~~	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 1715	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 24.7 1R#1 ice

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99306.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240008-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/13/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_SheksList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RI-MW-1 (480-240008-1)	6/29/26	10:15 Eastern	G	Solid			X	1	
RI-MW-2 (480-240008-2)	6/29/26	14:00 Eastern	G	Solid			X	1	
RI-MW-3 (480-240008-3)	6/29/26	15:20 Eastern	G	Solid			X	1	
RI-MW-4 (480-240008-4)	6/29/26	16:30 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Relinquished by:	Date/Time: 6-30-26 1700	Company ET	Received by:	Date/Time:	Company
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/1/26 1056	Company FLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
	R:1.9 C:2.1	

AW

Appendix B

Laboratory QC Documentation

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240008-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02421.D

Lab ID: LCS 480-779855/1-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	50.0	56.3	113	77-121	
1,1,2,2-Tetrachloroethane	50.0	40.4	81	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.3	109	60-140	
1,1,2-Trichloroethane	50.0	43.3	87	78-122	
1,1-Dichloroethane	50.0	54.9	110	73-126	
1,1-Dichloroethene	50.0	55.1	110	59-125	
1,2,4-Trichlorobenzene	50.0	38.3	77	64-120	
1,2-Dibromo-3-Chloropropane	50.0	42.6	85	63-124	
1,2-Dichlorobenzene	50.0	38.1	76	75-120	
1,2-Dichloroethane	50.0	52.8	106	77-122	
1,2-Dichloropropane	50.0	54.7	109	75-124	
1,3-Dichlorobenzene	50.0	39.6	79	74-120	
1,4-Dichlorobenzene	50.0	38.2	76	73-120	
2-Butanone (MEK)	250	286	114	70-134	
2-Hexanone	250	239	95	59-130	
4-Methyl-2-pentanone (MIBK)	250	227	91	65-133	
Acetone	250	263	105	61-137	
Benzene	50.0	54.4	109	79-127	
Bromoform	50.0	48.9	98	68-126	
Bromomethane	50.0	60.6	121	37-149	
Carbon disulfide	50.0	54.1	108	64-131	
Carbon tetrachloride	50.0	59.9	120	75-135	
Chlorobenzene	50.0	42.3	85	76-124	
Dibromochloromethane	50.0	47.3	95	76-125	
Chloroethane	50.0	61.1	122	69-135	
Chloroform	50.0	51.0	102	80-120	
Chloromethane	50.0	65.5	131	63-127	*+
cis-1,2-Dichloroethene	50.0	53.6	107	81-120	
Cyclohexane	50.0	56.9	114	65-120	
Bromodichloromethane	50.0	56.1	112	80-122	
Dichlorodifluoromethane	50.0	69.9	140	57-142	
Ethylbenzene	50.0	43.4	87	80-120	
1,2-Dibromoethane	50.0	43.7	87	78-120	
Isopropylbenzene	50.0	41.1	82	72-120	
Methyl acetate	100	110	110	55-136	
Methyl tert-butyl ether	50.0	51.0	102	63-125	
Methylcyclohexane	50.0	55.8	112	60-140	
Methylene Chloride	50.0	56.8	114	61-127	
Tetrachloroethene	50.0	42.9	86	74-122	
Toluene	50.0	42.5	85	74-128	
trans-1,2-Dichloroethene	50.0	53.8	108	78-126	

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240008-1

SDG No.:

Lab Sample ID: CCVIS 480-779859/4 Calibration Date: 07/02/2026 20:00

Instrument ID: HP5977M Calib Start Date: 05/29/2026 00:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/29/2026 02:23

Lab File ID: M02419.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D	
Dichlorodifluoromethane	Ave	1.437	2.390	0.1000	83.2	50.0	66.0*	50.0	
Chloromethane	Ave	2.376	3.519	0.1000	74.0	50.0	48.0*	20.0	
Vinyl chloride	Ave	1.969	2.975	0.1000	75.5	50.0	51.0*	20.0	
Butadiene	Ave	2.049	3.347		81.7	50.0	63.0*	20.0	NT
Bromomethane	Ave	1.003	1.356	0.1000	67.6	50.0	35.0	50.0	
Chloroethane	Ave	1.100	1.557	0.1000	70.7	50.0	41.0	50.0	
Trichlorofluoromethane	Ave	1.822	2.603	0.1000	71.4	50.0	43.0*	20.0	
Ethyl ether	Ave	1.328	1.483		55.9	50.0	12.0	20.0	
Acrolein	Ave	0.1214	0.1180		243	250	-3.0	50.0	
1,1-Dichloroethene	Ave	0.9688	1.190	0.1000	61.4	50.0	23.0*	20.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.247	1.634	0.1000	65.5	50.0	31.0*	20.0	
Acetone	Ave	0.5276	0.5991	0.1000	284	250	14.0	50.0	
Iodomethane	Ave	2.010	2.304		57.3	50.0	15.0	20.0	
Carbon disulfide	Ave	3.840	4.698	0.1000	61.2	50.0	22.0*	20.0	
3-Chloro-1-propene	Ave	2.301	2.904		63.1	50.0	26.0*	20.0	NT
Methyl acetate	Ave	1.169	1.282	0.1000	110	100	10.0	50.0	
Methylene Chloride	Lin1		1.482	0.1000	59.5	50.0	19.0	20.0	
2-Methyl-2-propanol	Ave	0.1661	0.1527		460	500	-8.0	50.0	
Methyl tert-butyl ether	Ave	3.628	3.750	0.1000	51.7	50.0	3.0	20.0	
trans-1,2-Dichloroethene	Ave	1.204	1.433	0.1000	59.5	50.0	19.0	20.0	
Acrylonitrile	Ave	0.7026	0.7299		519	500	4.0	20.0	
Hexane	Ave	2.535	3.302		65.1	50.0	30.0*	20.0	NT
1,1-Dichloroethane	Ave	2.689	3.195	0.2000	59.4	50.0	19.0	20.0	
Vinyl acetate	Ave	2.492	2.892		116	100	16.0	20.0	
2,2-Dichloropropane	Ave	1.404	1.709		60.9	50.0	22.0*	20.0	NT
cis-1,2-Dichloroethene	Ave	1.314	1.543	0.1000	58.7	50.0	17.0	20.0	
2-Butanone (MEK)	Ave	0.7170	0.8848	0.1000	309	250	23.0*	20.0	
Chlorobromomethane	Ave	0.6739	0.7238		53.7	50.0	7.0	20.0	
Tetrahydrofuran	Ave	0.4702	0.5324		113	100	13.0	20.0	
Chloroform	Ave	2.317	2.533	0.2000	54.6	50.0	9.0	20.0	
1,1,1-Trichloroethane	Ave	1.724	2.204	0.1000	63.9	50.0	28.0*	20.0	
Cyclohexane	Ave	3.201	4.294	0.1000	67.1	50.0	34.0*	20.0	
Carbon tetrachloride	Ave	1.364	1.860	0.1000	68.2	50.0	36.0*	20.0	
1,1-Dichloropropene	Ave	1.545	1.962		63.5	50.0	27.0*	20.0	
Benzene	Ave	4.533	5.434	0.5000	59.9	50.0	20.0	20.0	
Isobutyl alcohol	Ave	0.0517	0.0631		1520	1250	22.0	50.0	
1,2-Dichloroethane	Ave	2.016	2.184	0.1000	54.2	50.0	8.0	20.0	
n-Heptane	Ave	2.417	3.296		68.2	50.0	36.0*	20.0	
Trichloroethene	Ave	1.182	1.465	0.2000	62.0	50.0	24.0*	20.0	
Methylcyclohexane	Ave	2.151	2.758	0.1000	64.1	50.0	28.0*	20.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240008-1

SDG No.:

Lab Sample ID: CCVIS 480-779859/4 Calibration Date: 07/02/2026 20:00

Instrument ID: HP5977M Calib Start Date: 05/29/2026 00:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/29/2026 02:23

Lab File ID: M02419.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D	
1,2-Dichloropropane	Ave	1.473	1.716	0.1000	58.2	50.0	16.0	20.0	
Dibromomethane	Ave	0.7518	0.8050	0.1000	53.5	50.0	7.0	20.0	
1,4-Dioxane	Ave	0.0072	0.0061		859	1000	-14.0	50.0	
Bromodichloromethane	Ave	1.502	1.760	0.2000	58.6	50.0	17.0	20.0	
2-Chloroethyl vinyl ether	Ave	0.7885	0.8987		57.0	50.0	14.0	20.0	
cis-1,3-Dichloropropene	Ave	1.660	2.022	0.2000	60.9	50.0	22.0*	20.0	
4-Methyl-2-pentanone (MIBK)	Ave	0.8030	0.7210	0.1000	224	250	-10.0	20.0	
Toluene	Ave	1.381	1.332	0.4000	48.2	50.0	-4.0	20.0	
trans-1,3-Dichloropropene	Ave	0.7058	0.6734	0.1000	47.7	50.0	-5.0	20.0	
Ethyl methacrylate	Ave	0.6704	0.5865		43.7	50.0	-13.0	20.0	
1,1,2-Trichloroethane	Ave	0.4187	0.3763	0.1000	44.9	50.0	-10.0	20.0	
Tetrachloroethene	Ave	0.5651	0.5735	0.2000	50.7	50.0	1.0	20.0	
1,3-Dichloropropane	Ave	0.8308	0.7499		45.1	50.0	-10.0	20.0	
2-Hexanone	Ave	0.5305	0.4919	0.1000	232	250	-7.0	20.0	
Dibromochloromethane	Ave	0.5087	0.5131	0.1000	50.4	50.0	1.0	20.0	
1,2-Dibromoethane	Ave	0.4902	0.4438		45.3	50.0	-9.0	20.0	
Chlorobenzene	Ave	1.561	1.439	0.5000	46.1	50.0	-8.0	20.0	
Ethylbenzene	Ave	2.685	2.609	0.1000	48.6	50.0	-3.0	20.0	
1,1,1,2-Tetrachloroethane	Ave	0.5258	0.5152		49.0	50.0	-2.0	20.0	
m-Xylene & p-Xylene	Ave	1.038	0.9819	0.1000	47.3	50.0	-5.0	20.0	
o-Xylene	Ave	1.064	0.9736	0.3000	45.7	50.0	-9.0	20.0	
Styrene	Ave	1.702	1.572	0.3000	46.2	50.0	-8.0	20.0	
Bromoform	Ave	0.3066	0.3111	0.1000	50.7	50.0	1.0	50.0	
Isopropylbenzene	Ave	2.806	2.600	0.1000	46.3	50.0	-7.0	20.0	
Bromobenzene	Ave	0.6840	0.5561		40.7	50.0	-19.0	20.0	
1,1,2,2-Tetrachloroethane	Ave	0.7551	0.6137	0.3000	40.6	50.0	-19.0	20.0	
N-Propylbenzene	Ave	3.349	3.085		46.1	50.0	-8.0	20.0	
1,2,3-Trichloropropane	Ave	0.2407	0.1789		37.2	50.0	-26.0*	20.0	NT
trans-1,4-Dichloro-2-butene	Ave	0.2725	0.2386		43.8	50.0	-12.0	50.0	
2-Chlorotoluene	Ave	0.6672	0.5995		44.9	50.0	-10.0	20.0	
1,3,5-Trimethylbenzene	Ave	2.434	2.194		45.1	50.0	-10.0	20.0	
4-Chlorotoluene	Ave	0.6833	0.5984		43.8	50.0	-12.0	20.0	
tert-Butylbenzene	Ave	0.5051	0.4747		47.0	50.0	-6.0	20.0	
1,2,4-Trimethylbenzene	Ave	2.551	2.213		43.4	50.0	-13.0	20.0	
sec-Butylbenzene	Ave	3.103	2.891		46.6	50.0	-7.0	20.0	
1,3-Dichlorobenzene	Ave	1.338	1.125	0.6000	42.0	50.0	-16.0	20.0	
4-Isopropyltoluene	Ave	2.704	2.443		45.2	50.0	-10.0	20.0	
1,4-Dichlorobenzene	Ave	1.368	1.123	0.5000	41.0	50.0	-18.0	20.0	
n-Butylbenzene	Ave	2.533	2.304		45.5	50.0	-9.0	20.0	
1,2-Dichlorobenzene	Ave	1.354	1.091	0.4000	40.3	50.0	-19.0	20.0	
1,2-Dibromo-3-Chloropropane	Ave	0.1393	0.1153	0.0500	41.4	50.0	-17.0	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240008-1

SDG No.:

Lab Sample ID: CCVIS 480-779859/4 Calibration Date: 07/02/2026 20:00

Instrument ID: HP5977M Calib Start Date: 05/29/2026 00:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/29/2026 02:23

Lab File ID: M02419.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D	
1,2,4-Trichlorobenzene	Ave	1.028	0.8070	0.2000	39.2	50.0	-22.0*	20.0	
Hexachlorobutadiene	Ave	0.5138	0.4468		43.5	50.0	-13.0	20.0	
Naphthalene	Ave	2.781	2.107		37.9	50.0	-24.0*	20.0	NT
1,2,3-Trichlorobenzene	Ave	1.067	0.8192		38.4	50.0	-23.0*	20.0	NT
Dibromofluoromethane (Surr)	Ave	1.333	1.386		52.0	50.0	4.0	20.0	
1,2-Dichloroethane-d4 (Surr)	Ave	0.7880	0.7816		49.6	50.0	-1.0	20.0	
Toluene-d8 (Surr)	Ave	2.367	2.109		44.6	50.0	-11.0	20.0	
4-Bromofluorobenzene (Surr)	Ave	0.7115	0.7483		52.6	50.0	5.0	20.0	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779855/2-A

Matrix: Solid | Lab File ID: M02423.D

Analysis Method: EPA 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/02/2026 21:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	0.81
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	0.65
75-34-3	1,1-Dichloroethane	ND		5.0	0.61
75-35-4	1,1-Dichloroethene	ND		5.0	0.61
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.5
95-50-1	1,2-Dichlorobenzene	ND		5.0	0.39
107-06-2	1,2-Dichloroethane	ND		5.0	0.25
78-87-5	1,2-Dichloropropane	ND		5.0	2.5
541-73-1	1,3-Dichlorobenzene	ND		5.0	0.26
106-46-7	1,4-Dichlorobenzene	ND		5.0	0.70
78-93-3	2-Butanone (MEK)	ND		25	1.8
591-78-6	2-Hexanone	ND		25	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	1.6
67-64-1	Acetone	ND		25	4.2
71-43-2	Benzene	ND		5.0	0.25
75-25-2	Bromoform	ND		5.0	2.5
74-83-9	Bromomethane	ND		5.0	0.45
75-15-0	Carbon disulfide	ND		5.0	2.5
56-23-5	Carbon tetrachloride	ND		5.0	0.48
108-90-7	Chlorobenzene	ND		5.0	0.66
124-48-1	Dibromochloromethane	ND		5.0	0.64
75-00-3	Chloroethane	ND		5.0	1.1
67-66-3	Chloroform	0.755	J	5.0	0.31
74-87-3	Chloromethane	ND		5.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		5.0	0.64
110-82-7	Cyclohexane	ND		5.0	0.70
75-27-4	Bromodichloromethane	ND		5.0	0.67
75-71-8	Dichlorodifluoromethane	ND		5.0	0.41
100-41-4	Ethylbenzene	ND		5.0	0.35

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Lab Sample ID: CCVIS 480-779734/2 | Calibration Date: 07/01/2026 14:32

Instrument ID: HP5973V | Calib Start Date: 06/09/2026 10:36

GC Column: RXI-5Sil MS ID: 0.25(mm) | Calib End Date: 06/09/2026 13:37

Lab File ID: V31750057.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Biphenyl	Ave	1.712	1.742	0.0100	40700	40000	2.0	20.0
2-Chloronaphthalene	Ave	1.285	1.322	0.8000	41100	40000	3.0	20.0
2-Nitroaniline	Lin2		0.4390	0.0100	44400	40000	11.0	20.0
Dimethyl phthalate	Lin2		1.483	0.0100	42800	40000	7.0	20.0
1,3-Dinitrobenzene	Lin2		0.1214	0.0100	45500	40000	14.0	20.0
2,6-Dinitrotoluene	Lin2		0.3307	0.2000	44000	40000	10.0	20.0
Acenaphthylene	Lin2		2.065	0.9000	41500	40000	4.0	20.0
3-Nitroaniline	Lin2		0.3781	0.0100	43100	40000	8.0	20.0
Acenaphthene	Ave	1.311	1.365	0.9000	41600	40000	4.0	20.0
2,4-Dinitrophenol	Lin1		0.1835	0.0100	101000	80000	27.0*	20.0
4-Nitrophenol	Lin2		0.2024	0.0100	84600	80000	6.0	20.0
2,4-Dinitrotoluene	Lin2		0.4381	0.2000	44000	40000	10.0	20.0
Dibenzofuran	Ave	1.764	1.854	0.8000	42000	40000	5.0	20.0
2,3,4,6-Tetrachlorophenol	Lin2		0.3665	0.0100	45800	40000	15.0	20.0
Diethyl phthalate	Lin2		1.426	0.0100	42300	40000	6.0	20.0
Hexadecane	Lin2		1.000	0.0100	40300	40000	1.0	20.0
Fluorene	Ave	1.431	1.578	0.9000	44100	40000	10.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6907	0.7550	0.4000	43700	40000	9.0	20.0
4-Nitroaniline	Lin2		0.3584	0.0100	40000	40000	0.0	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1541	0.0100	99600	80000	25.0*	20.0
Diphenylamine	Ave	0.7318	0.7675	0.0100	35900	34200	5.0	20.0
N-Nitrosodiphenylamine	Ave	0.6257	0.6562	0.0100	42000	40000	5.0	20.0
1,2-Diphenylhydrazine	Lin2		1.664	0.0100	42500	40000	6.0	20.0
Azobenzene	Ave	0.9407	0.9906	0.0100	42100	40000	5.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2466	0.2599	0.1000	42100	40000	5.0	20.0
Hexachlorobenzene	Ave	0.2780	0.2963	0.1000	42600	40000	7.0	20.0
Atrazine	Lin2		0.3645	0.0100	42000	40000	5.0	20.0
Pentachlorophenol	Lin2		0.1752	0.0500	85400	80000	7.0	20.0
n-Octadecane	Lin2		0.6116	0.0100	40500	40000	1.0	20.0
Phenanthrene	Ave	1.287	1.297	0.7000	40300	40000	1.0	20.0
Anthracene	Lin2		1.322	0.7000	40700	40000	2.0	20.0
Carbazole	Ave	1.133	1.134	0.0100	40000	40000	0.0	20.0
Di-n-butyl phthalate	Lin2		1.397	0.0100	41200	40000	3.0	20.0
Fluoranthene	Lin2		1.359	0.6000	40800	40000	2.0	20.0
Benzidine	Lin2		1.044	0.0100	77000	80000	-4.0	50.0
Pyrene	Ave	1.492	1.491	0.6000	40000	40000	0.0	20.0
Butyl benzyl phthalate	Lin2		0.6420	0.0100	41600	40000	4.0	20.0
3,3'-Dichlorobenzidine	Lin2		0.6244	0.0100	79200	80000	-1.0	50.0
Benzo[a]anthracene	Ave	1.470	1.515	0.8000	41200	40000	3.0	20.0
Bis(2-ethylhexyl) phthalate	Lin2		0.9601	0.0100	42600	40000	7.0	20.0
Chrysene	Ave	1.435	1.433	0.7000	39900	40000	0.0	20.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240008-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779670/1-A

Matrix: Solid | Lab File ID: V31750065.d

Analysis Method: EPA 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 07/01/2026 06:46

Sample wt/vol: 15(g) | Date Analyzed: 07/01/2026 17:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779734 | Units: ug/Kg

Preparation Batch No.: 779670 | Instrument ID: HP5973V

Number TICs Found: 20 | TIC Result Total: 20101

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.00	7090	T J	
	Unknown	3.49	7900	T J	
	Unknown	9.12	204	T J	
	Unknown	10.06	272	T J	
	Column Bleed	10.81	284	T J	
	Unknown	11.41	309	T J	
	Unknown	11.93	296	T J	
	Unknown	12.38	401	T J	
	Unknown	12.77	379	T J	
	Unknown	12.98	144	T J	
	Unknown	13.15	427	T J	
629-99-2	Pentacosane	13.26	158	T J N	93%
	Unknown	13.50	438	T J	
112-95-8	Eicosane	13.53	135	T J N	96%
	Unknown	13.83	416	T J	
	Column Bleed	14.15	358	T J	
	Column Bleed	14.45	300	T J	
	Unknown	14.77	222	T J	
	Unknown	15.12	204	T J	
	Unknown	15.51	164	T J	

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240008-1

SDG No.:

Lab Sample ID: ICV 480-778736/20 Calibration Date: 06/19/2026 18:59

Instrument ID: HP6890-5 Calib Start Date: 06/19/2026 17:21

GC Column: RTX-CLPI ID: 0.53(mm) Calib End Date: 06/19/2026 18:40

Lab File ID: 5_89418.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		0.0295		0.281	0.500	-44.0*	20.0
Toxaphene Peak 2	Lin1		0.0742		0.489	0.500	-2.0	20.0
Toxaphene Peak 3	Lin1		0.0385		0.499	0.500	0.0	20.0
Toxaphene Peak 4	Lin1		0.0221		0.310	0.500	-38.0*	20.0
Toxaphene Peak 5	Lin1		0.0483		0.653	0.500	31.0*	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240008-1

SDG No.:

Lab Sample ID: ICV 480-778736/20 Calibration Date: 06/19/2026 18:59

Instrument ID: HP6890-5 Calib Start Date: 06/19/2026 17:21

GC Column: RTX-CLPII ID: 0.53(mm) Calib End Date: 06/19/2026 18:40

Lab File ID: 5_89418.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		0.0197		0.414	0.500	-17.0	20.0
Toxaphene Peak 2	Lin1		0.0171		0.267	0.500	-47.0*	20.0
Toxaphene Peak 3	Lin1		0.0437		0.403	0.500	-19.0	20.0
Toxaphene Peak 4	Lin1		0.0333		0.500	0.500	0.0	20.0
Toxaphene Peak 5	Lin1		0.0373		0.646	0.500	29.0*	20.0

FORM III
PFAS MATRIX SPIKE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240008-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 26JUL14PC-37.d

Lab ID: 480-240008-4 MS Client ID: RI-MW-4 MS

COMPOUND	SPIKE ADDED (ng/g)	SAMPLE CONCENTRATION (ng/g)	MS CONCENTRATION (ng/g)	MS % REC	QC LIMITS REC	#
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.49	ND	2.18	88	70-155	
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.49	ND	2.24	90	70-140	
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.49	ND	1.91	77	65-155	
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.49	ND	2.07	83	65-165	
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	ND	10.2	82	70-140	
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	ND	11.7	94	70-135	
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.87	ND	1.78	95	70-145	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.36	ND	2.26	96	70-160	
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.49	ND	2.20	88	30-140	
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.49	ND	1.99	80	60-150	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.49	ND	2.00	80	60-155	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	2.33	ND	2.08	89	70-150	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	2.35	ND	1.98	84	45-160	
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.22	ND	1.80	81	70-140	
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.98	ND	3.32	67	45-130	
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	ND	8.16	66	60-130	
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	ND	7.31	59	60-150	F1
13C4 PFBA	4.98	4.3	3.14	63.0	8-130	
13C5 PFPeA	4.98	5.1	3.21	64.5	35-130	
13C5 PFHxA	4.98	4.8	3.12	62.7	40-130	
13C4 PFHpA	4.98	4.6	2.97	59.7	40-130	
13C8 PFOA	4.98	4.6	2.95	59.2	40-130	
13C9 PFNA	4.98	4.6	2.98	59.9	40-130	
13C6 PFDA	4.98	4.6	3.27	65.7	40-130	

Column to be used to flag recovery and RPD values

FORM III 1633A

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 480-779918/9

Lab Name: Eurofins Buffalo Job No.: 480-240008-1

Sample Matrix: LCS Source: LRC_00028

Analyte	(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	600	631.0		105	90	110		6010D
Antimony	5.00	5.13		103	90	110		6010D
Arsenic	5.00	5.05		101	90	110		6010D
Barium	20.0	21.08		105	90	110		6010D
Beryllium	25.0	23.53		94	90	110		6010D
Cadmium	5.00	5.32		106	90	110		6010D
Calcium	700	661.4		94	90	110		6010D
Chromium	10.0	9.53		95	90	110		6010D
Cobalt	20.0	21.11		106	90	110		6010D
Iron	600	580.0		97	90	110		6010D
Lead	40.0	44.00		110	90	110		6010D
Magnesium	400	429.5		107	90	110		6010D
Manganese	40.0	38.46		96	90	110		6010D
Nickel	10.0	9.41		94	90	110		6010D
Potassium	500	541.7		108	90	110		6010D
Selenium	40.0	40.94		102	90	110		6010D
Silver	3.00	4.38		146	90	110	^5+	6010D
Sodium	806	821.6		102	90	110		6010D
Sodium	806	842.9		105	90	110		6010D
Thallium	20.0	21.26		106	90	110		6010D
Vanadium	5.00	4.89		98	90	110		6010D
Zinc	20.0	19.53		98	90	110		6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

375 Michigan Ave. RI
Buffalo, NY
Project # 48030331

SDG: **J240036-1**
16 soil samples

Prepared for:

BE3 Corp.
960 Busti Avenue
Suite 150-B
Buffalo, NY 14213
Attention: Will Goldsmith

July 2026

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
BE3 SDG J240036-1: 375 Michigan Ave. RI

The data associated with this Sample Delivery Group (SDG) J240036-1, analyzed by Eurofins Buffalo, Buffalo, NY have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K Perry Date: 7/31/2026

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	375 Michigan Ave. RI Buffalo, NY Site #: 48030331
SAMPLING DATE:	June 30, 2026
SAMPLE TYPE:	16 soil samples
LABORATORY:	Eurofins Buffalo Buffalo, NY
SDG No.:	J240036-1

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for sixteen soil samples collected on June 30, 2026. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), Pesticides, PCBs, PFASs, Metals, and Total Cyanide (TCN).

All analyses were performed by Eurofins Buffalo, Buffalo, NY and analyzed as SDG J240036-1. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Tables 6-1 through 6-7. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG J240036-1, sixteen samples were analyzed and results were reported for 3328 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have rejected/qualified and the corresponding QC reasons.

Note 1): As noted by the laboratory, the samples were not collected by SW-846 5035A protocol. This adds an element of uncertainty to the 8260D Volatile Organic Compounds (VOCs). Although not specifically indicated on the VOC data sheets with a "J" flag, the VOC data should be considered as estimated but usable.

Table 6-1 8260 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	Chloroform	CRQL-U	Analyte detected in method blank	Data changed to non-detect
TT-5 4-6' DUP TT-6 1-3' TT-6 4-6' RI-MW-3 20-25'	Acetone	CRQL-U	Analyte detected in method blank	Data changed to non-detect
TT-2 4-6'	19 out of 50 analytes outside QC limits low (see Form 1's)	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
TT-3 4-6'	321out of 50 analytes outside QC limits low (see Form 1's)	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
TT-5 4-6' DUP TT-6 1-3' TT-6 4-6' RI-MW-3 20-25'	Dichlorodifluoromethane	J detects UJ non-detects	ICV %D > QC limit	Data are estimated
TT-1 1-3' TT-1 4-5' TT-1 5-6' TT-2 1-3' TT-2 4-6' TT-3 1-3' TT-3 4-6' TT-4 1-3 TT-4 4-6' TT-4 4-6' DUP	1,1-Dichloroethene 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane 1,2,4-Trichlorobenzene 2-Butanone Carbon disulfide Carbon tetrachloride Chloromethane Cyclohexane	J detects UJ non-detects	CCV %D > QC limit	Data are estimated

TT-5 1-2’ TT-5 4-6	Dichlorodifluoromethane Methylcyclohexane Trichloroethene Trichlorofluoromethane cis-1,3-Dichloropropene Vinyl chloride			

Table 6-2 8270 SVOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
TT-3 4-6’	Benzo(a)anthracene Benzo(a)pyrene Chrysene Fluoranthene Phenanthrene Pyrene	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
All samples	4,6-Dinitro-2-methylphenol	J detects UJ non-detects	CCV %D > QC limit	Data are estimated
TT-3 1-3’	Fluoranthene Phenanthrene Pyrene	J detects	Over range values (lab “E” flagged”	Data are estimated
All samples	TIC: RT 3.49 unknowns	CRQL-U	Analyte detected in method blank	Data changed to non-detect

Table 6-3 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
TT-2 4-6’	g-BHC	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
TT-3 4-6’	b-BHC d-BHC Endosulfan I Endosulfan II Endrin aldehyde Endrin ketone g-BHC Methoxychlor	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
All samples	Toxaphene	J detects UJ non-detects	ICV %D > QC limit	Data are estimated
TT-1 4-5’	4,4’DDT	J	% D for second column confirmation > 25 %	Data are estimated
TT-1 5-6’	4,4’-DDT	J	% D for second column confirmation > 25 %	Data are estimated
TT-3 1-3’	g-BHC 4,4’-DDT Methoxychlor	NJ	% D for second column confirmation > 70 %	Data are estimated and tentatively identified
TT-4 1-3’	Methoxychlor	NJ	% D for second column confirmation > 70 %	Data are estimated and tentatively identified
TT-4 4-6’	Methoxychlor	NJ	% D for second column confirmation > 70 %	Data are estimated and tentatively identified
TT-5 1-2’	Methoxychlor	NJ	% D for second column confirmation > 70 %	Data are estimated and tentatively identified

Table 6-4 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-5 PFASs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	NFDHA	J detects UJ non-detects	Samples extracted outside 3 day HT	Data are estimated
TT-3 4-6’	PFOA	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated

Table 6-6 Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-3 20-25’	Ag	J detects UJ non-detects	Linear Range Check Standard < QC limit	Data are estimated
TT-2 4-6’	Sb and Mn	J- detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
TT-3 4-6’	Sb	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
TT-2 4-6’	Pb, K, Zn	J+ detects	MS/MSD rec AND/OR RPD > QC limit	Data are estimated

TT-3 4-6’	Mn and K	J+ detects	MS/MSD rec > QC limit	Data are estimated
TT-2 4-6’	Ca, Cr, Fe, Mn, Mg, K, V, and Zn	J detects	Serial dilution > 15 % limit	Data are estimated
TT-4 4-6’ TT-4 4-6’ DUP	Ba	J detects	% D for Field Dups > 50 %	Data are estimated

Table 6-7 TCN and Cr+6

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
TT-2 4-6’	TCN	J- detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
TT-3 4-6’	TCN	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
TT-4 4-6’ DUP	TCN	J detects UJ non-detects	MS rec < QC limit	Data are estimated

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo NY 14213

Generated 07/15/2026

JOB DESCRIPTION

375 Michigan Remedial Investigation

JOB NUMBER

480-240036-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
07/15/2026

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
716 504-9874

Job Narrative
480-240036-1

Receipt
The samples were received on 6/30/2026 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 24.5º C and 29.7º C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: TT-1 1-3' (480-240036-1), TT-1 4-5' (480-240036-2), TT-1 5-6' (480-240036-3), TT-2 1-3' (480-240036-4), TT-2 4-6' (480-240036-5), TT-2 4-6' (480-240036-5[MS]), TT-2 4-6' (480-240036-5[MSD]), TT-3 1-3' (480-240036-6), TT-3 4-6' (480-240036-7), TT-3 4-6' (480-240036-7[MS]), TT-3 4-6' (480-240036-7[MSD]), TT-4 1-3' (480-240036-8), TT-4 4-6' (480-240036-9), TT-4 4-6' DUP (480-240036-10), TT-5 1-2' (480-240036-11), TT-5 4-6' (480-240036-12), TT-5 4-6' DUP (480-240036-13), TT-6 1-3' (480-240036-14) and TT-6 4-6' (480-240036-15). The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): RI-MW-3 20-25' (480-240036-16) Info listed on container labels was used for login.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for preparation batch 480-779855 and analytical batch 480-779859 recovered outside control limits for the following analyte: Chloromethane. This analyte is biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The associated samples are: TT-1 1-3' (480-240036-1), TT-1 4-5' (480-240036-2), TT-1 5-6' (480-240036-3), TT-2 1-3' (480-240036-4), TT-2 4-6' (480-240036-5), TT-3 1-3' (480-240036-6), TT-3 4-6' (480-240036-7), TT-4 1-3' (480-240036-8), TT-4 4-6' (480-240036-9), TT-4 4-6' DUP (480-240036-10), TT-5 1-2' (480-240036-11) and TT-5 4-6' (480-240036-12)

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779859 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethene, 2-Butanone (MEK), Carbon disulfide, Carbon tetrachloride, Chloromethane, cis-1,3-Dichloropropene, Cyclohexane, Dichlorodifluoromethane, Methylcyclohexane, Trichloroethene, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects above the reporting limits for the affected analytes; therefore, the data have been reported. The associated samples are:TT-1 1-3' (480-240036-1), TT-1 4-5' (480-240036-2), TT-1 5-6' (480-240036-3), TT-2 1-3' (480-240036-4), TT-2 4-6' (480-240036-5), TT-3 1-3' (480-240036-6), TT-3 4-6' (480-240036-7), TT-4 1-3' (480-240036-8), TT-4 4-6' (480-240036-9), TT-4 4-6' DUP (480-240036-10), TT-5 1-2' (480-240036-11) and TT-5 4-6' (480-240036-12).

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779859 recovered outside acceptance criteria, low biased, for 1,2,4-Trichlorobenzene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are:TT-1 1-3' (480-240036-1), TT-1 4-5' (480-240036-2), TT-1 5-6' (480-240036-3), TT-2 1-3' (480-240036-4), TT-2 4-6' (480-240036-5), TT-3 1-3' (480-240036-6), TT-3 4-6' (480-240036-7), TT-4 1-3' (480-240036-8), TT-4 4-6' (480-240036-9), TT-4 4-6' DUP (480-240036-10), TT-5 1-2' (480-240036-11) and TT-5 4-6' (480-240036-12).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-779730 and analytical batch 480-779771 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. TT-2 4-6' (480-240036-5) and TT-3 4-6' (480-240036-7)

Method 8081B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 480-779730 and analytical batch 480-779771 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected. TT-2 4-6' (480-240036-5) and TT-3 4-6' (480-240036-7)

Method 8081B: For method 8081, the recovery of the one surrogate in samples TT-3 4-6' (480-240036-7[MSD]) exceeds quality control limits due to the sample matrix. The recovery of the secondary surrogate is within quality control criteria; no corrective action is required.

Method 8081B: The following samples were diluted due to the nature of the sample matrix: TT-1 1-3' (480-240036-1), TT-1 4-5' (480-240036-2), TT-1 5-6' (480-240036-3), TT-2 1-3' (480-240036-4), TT-3 1-3' (480-240036-6), TT-4 1-3' (480-240036-8) and TT-6 1-3' (480-240036-14). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-779918 is outside the acceptance criteria for the following analytes: Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-779976 is outside the acceptance criteria for the following analytes: Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 480-779852 and analytical batch 480-779868 was outside control limits. Sample matrix interference is suspected.

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-779852 and analytical batch 480-779868 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3546: The following sample: TT-5 4-6' (480-240036-12) was decanted prior to preparation.

Method 3546: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: TT-1 1-3' (480-240036-1), TT-1 4-5' (480-240036-2), TT-1 5-6' (480-240036-3), TT-2 1-3' (480-240036-4), TT-2 4-6' (480-240036-5), TT-2 4-6' (480-240036-5[MS]), TT-2 4-6' (480-240036-5[MSD]), TT-3 1-3' (480-240036-6), TT-3 4-6' (480-240036-7), TT-3 4-6' (480-240036-7[MS]), TT-3 4-6' (480-240036-7[MSD]), TT-4 1-3' (480-240036-8), TT-4 4-6' DUP (480-240036-10), TT-5 1-2' (480-240036-11), TT-6 1-3' (480-240036-14), TT-6 4-6' (480-240036-15) and RI-MW-3 20-25' (480-240036-16).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240036-1
Project/Site: 375 Michigan Remedial Investigation

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-240036-1	TT-1 1-3'	Solid	06/30/26 10:30	06/30/26 15:45	New York
480-240036-2	TT-1 4-5'	Solid	06/30/26 10:30	06/30/26 15:45	New York
480-240036-3	TT-1 5-6'	Solid	06/30/26 10:30	06/30/26 15:45	New York
480-240036-4	TT-2 1-3'	Solid	06/30/26 09:30	06/30/26 15:45	New York
480-240036-5	TT-2 4-6'	Solid	06/30/26 09:30	06/30/26 15:45	New York
480-240036-6	TT-3 1-3'	Solid	06/30/26 11:15	06/30/26 15:45	New York
480-240036-7	TT-3 4-6'	Solid	06/30/26 11:15	06/30/26 15:45	New York
480-240036-8	TT-4 1-3'	Solid	06/30/26 12:30	06/30/26 15:45	New York
480-240036-9	TT-4 4-6'	Solid	06/30/26 12:30	06/30/26 15:45	New York
480-240036-10	TT-4 4-6' DUP	Solid	06/30/26 12:30	06/30/26 15:45	New York
480-240036-11	TT-5 1-2'	Solid	06/30/26 13:00	06/30/26 15:45	New York
480-240036-12	TT-5 4-6'	Solid	06/30/26 13:00	06/30/26 15:45	New York
480-240036-13	TT-5 4-6' DUP	Solid	06/30/26 13:00	06/30/26 15:45	New York
480-240036-14	TT-6 1-3'	Solid	06/30/26 13:45	06/30/26 15:45	New York
480-240036-15	TT-6 4-6'	Solid	06/30/26 13:45	06/30/26 15:45	New York
480-240036-16	RI-MW-3 20-25'	Solid	06/30/26 00:00	06/30/26 15:45	New York

8260D

Volatile Organic Compounds by GC/MS

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 1-3' | Lab Sample ID: 480-240036-1

Matrix: Solid | Lab File ID: M02431.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 10:30

Sample wt/vol: 5.04(g) | Date Analyzed: 07/03/2026 00:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 18.9 % Solids: 81.1 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	6.1	0.44	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	6.1	0.99	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.1	1.4	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	6.1	0.79	
75-34-3	1,1-Dichloroethane	ND	vs	6.1	0.75	
75-35-4	1,1-Dichloroethene	ND	vs	6.1	0.75	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	6.1	0.37	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	6.1	3.1	
95-50-1	1,2-Dichlorobenzene	ND	vs	6.1	0.48	
107-06-2	1,2-Dichloroethane	ND	vs	6.1	0.31	
78-87-5	1,2-Dichloropropane	ND	vs	6.1	3.1	
541-73-1	1,3-Dichlorobenzene	ND	vs	6.1	0.31	
106-46-7	1,4-Dichlorobenzene	ND	vs	6.1	0.86	
78-93-3	2-Butanone (MEK)	ND	vs	31	2.2	UJ
591-78-6	2-Hexanone	ND	vs	31	3.1	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	
67-64-1	Acetone	ND	vs	31	5.1	
71-43-2	Benzene	ND	vs	6.1	0.30	
75-25-2	Bromoform	ND	vs	6.1	3.1	
74-83-9	Bromomethane	ND	vs	6.1	0.55	UJ
75-15-0	Carbon disulfide	ND	vs	6.1	3.1	
56-23-5	Carbon tetrachloride	ND	vs	6.1	0.59	UJ
108-90-7	Chlorobenzene	ND	vs	6.1	0.81	
124-48-1	Dibromochloromethane	ND	vs	6.1	0.78	
75-00-3	Chloroethane	ND	vs	6.1	1.4	UJ
67-66-3	Chloroform	6.1 UJ ~~0.90~~	~~J~~ B vs	6.1	0.38	UJ
74-87-3	Chloromethane	ND	*+ vs	6.1	0.37	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	6.1	0.78	
110-82-7	Cyclohexane	ND	vs	6.1	0.86	UJ
75-27-4	Bromodichloromethane	ND	vs	6.1	0.82	
75-71-8	Dichlorodifluoromethane	ND	vs	6.1	0.51	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 1-3' | Lab Sample ID: 480-240036-1

Matrix: Solid | Lab File ID: M02431.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 10:30

Sample wt/vol: 5.04(g) | Date Analyzed: 07/03/2026 00:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 18.9 % Solids: 81.1 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	6.1	0.42	
106-93-4	1,2-Dibromoethane	ND	vs	6.1	0.79	
98-82-8	Isopropylbenzene	ND	vs	6.1	0.92	
79-20-9	Methyl acetate	ND	vs	31	3.7	
1634-04-4	Methyl tert-butyl ether	ND	vs	6.1	0.60	
108-87-2	Methylcyclohexane	ND	vs	6.1	0.93	UJ
75-09-2	Methylene Chloride	ND	vs	6.1	2.8	
127-18-4	Tetrachloroethene	ND	vs	6.1	0.82	
108-88-3	Toluene	ND	vs	6.1	0.46	
156-60-5	trans-1,2-Dichloroethene	ND	vs	6.1	0.63	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	6.1	2.7	
79-01-6	Trichloroethene	ND	vs	6.1	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	6.1	0.58	UJ
75-01-4	Vinyl chloride	ND	vs	6.1	0.75	UJ
1330-20-7	Xylenes, Total	ND	vs	12	1.0	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	6.1	0.88	UJ
100-42-5	Styrene	ND	vs	6.1	0.31	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		64-126
460-00-4	4-Bromofluorobenzene (Surr)	106		72-126
2037-26-5	Toluene-d8 (Surr)	87		71-125
1868-53-7	Dibromofluoromethane (Surr)	106		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 1-3' | Lab Sample ID: 480-240036-1

Matrix: Solid | Lab File ID: M02431.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 10:30

Sample wt/vol: 5.04(g) | Date Analyzed: 07/03/2026 00:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 18.9 % Solids: 81.1 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5' | Lab Sample ID: 480-240036-2

Matrix: Solid | Lab File ID: M02432.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 10:30

Sample wt/vol: 5.11(g) | Date Analyzed: 07/03/2026 01:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.1 % Solids: 84.9 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.8	0.42	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.93	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.8	0.75	
75-34-3	1,1-Dichloroethane	ND	vs	5.8	0.70	
75-35-4	1,1-Dichloroethene	ND	vs	5.8	0.71	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.8	0.45	
107-06-2	1,2-Dichloroethane	ND	vs	5.8	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.8	2.9	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.8	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.8	0.81	
78-93-3	2-Butanone (MEK)	4.0	J vs	29	2.1	UJ
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	46	vs	29	4.9	
71-43-2	Benzene	ND	vs	5.8	0.28	
75-25-2	Bromoform	ND	vs	5.8	2.9	
74-83-9	Bromomethane	ND	vs	5.8	0.52	UJ
75-15-0	Carbon disulfide	ND	vs	5.8	2.9	
56-23-5	Carbon tetrachloride	ND	vs	5.8	0.56	UJ
108-90-7	Chlorobenzene	ND	vs	5.8	0.76	
124-48-1	Dibromochloromethane	ND	vs	5.8	0.74	
75-00-3	Chloroethane	ND	vs	5.8	1.3	UJ
67-66-3	Chloroform	~~0.87~~	J B vs	5.8	0.36	UJ
74-87-3	Chloromethane	ND	*+ vs	5.8	0.35	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.8	0.74	
110-82-7	Cyclohexane	ND	vs	5.8	0.81	UJ
75-27-4	Bromodichloromethane	ND	vs	5.8	0.77	
75-71-8	Dichlorodifluoromethane	ND	vs	5.8	0.48	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5' | Lab Sample ID: 480-240036-2

Matrix: Solid | Lab File ID: M02432.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 10:30

Sample wt/vol: 5.11(g) | Date Analyzed: 07/03/2026 01:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.1 % Solids: 84.9 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.8	0.40	
106-93-4	1,2-Dibromoethane	ND	vs	5.8	0.74	
98-82-8	Isopropylbenzene	ND	vs	5.8	0.87	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.8	0.57	
108-87-2	Methylcyclohexane	ND	vs	5.8	0.88	UJ
75-09-2	Methylene Chloride	ND	vs	5.8	2.7	
127-18-4	Tetrachloroethene	ND	vs	5.8	0.77	
108-88-3	Toluene	ND	vs	5.8	0.44	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.8	0.59	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.8	2.5	
79-01-6	Trichloroethene	ND	vs	5.8	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.8	0.55	UJ
75-01-4	Vinyl chloride	ND	vs	5.8	0.70	UJ
1330-20-7	Xylenes, Total	ND	vs	12	0.97	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.8	0.83	UJ
100-42-5	Styrene	ND	vs	5.8	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
2037-26-5	Toluene-d8 (Surr)	84		71-125
1868-53-7	Dibromofluoromethane (Surr)	106		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5' | Lab Sample ID: 480-240036-2

Matrix: Solid | Lab File ID: M02432.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 10:30

Sample wt/vol: 5.11(g) | Date Analyzed: 07/03/2026 01:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.1 % Solids: 84.9 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 10 | TIC Result Total: 403

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	8.99	33	T J	
2958-76-1	Naphthalene, decahydro-2-methyl-	11.38	39	T J N	98%
	Unknown	11.46	43	T J	
2958-75-0	1-Methyldecahydronaphthalene	11.57	42	T J N	97%
	Unknown	11.91	42	T J	
6044-71-9	Dodecane, 6-methyl-	12.01	42	T J N	90%
	Unknown	12.05	62	T J	
25550-13-4	Benzene, diethylmethyl-	12.27	28	T J N	86%
	Unknown	12.36	37	T J	
	Unknown	12.58	35	T J	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6' | Lab Sample ID: 480-240036-3

Matrix: Solid | Lab File ID: M02433.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 10:30

Sample wt/vol: 5(g) | Date Analyzed: 07/03/2026 01:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 17.8 % Solids: 82.2 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	6.1	0.44	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	6.1	0.99	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.1	1.4	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	6.1	0.79	
75-34-3	1,1-Dichloroethane	ND	vs	6.1	0.74	
75-35-4	1,1-Dichloroethene	ND	vs	6.1	0.74	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	6.1	0.37	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	6.1	3.0	
95-50-1	1,2-Dichlorobenzene	ND	vs	6.1	0.48	
107-06-2	1,2-Dichloroethane	ND	vs	6.1	0.31	
78-87-5	1,2-Dichloropropane	ND	vs	6.1	3.0	
541-73-1	1,3-Dichlorobenzene	ND	vs	6.1	0.31	
106-46-7	1,4-Dichlorobenzene	ND	vs	6.1	0.85	
78-93-3	2-Butanone (MEK)	3.9	J vs	30	2.2	UJ
591-78-6	2-Hexanone	ND	vs	30	3.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	30	2.0	
67-64-1	Acetone	40	vs	30	5.1	
71-43-2	Benzene	ND	vs	6.1	0.30	
75-25-2	Bromoform	ND	vs	6.1	3.0	
74-83-9	Bromomethane	ND	vs	6.1	0.55	UJ
75-15-0	Carbon disulfide	ND	vs	6.1	3.0	
56-23-5	Carbon tetrachloride	ND	vs	6.1	0.59	UJ
108-90-7	Chlorobenzene	ND	vs	6.1	0.80	
124-48-1	Dibromochloromethane	ND	vs	6.1	0.78	
75-00-3	Chloroethane	ND	vs	6.1	1.4	UJ
67-66-3	Chloroform	6.1 UJ ~~0.94~~	J B vs	6.1	0.38	UJ
74-87-3	Chloromethane	ND	*+ vs	6.1	0.37	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	6.1	0.78	
110-82-7	Cyclohexane	ND	vs	6.1	0.85	UJ
75-27-4	Bromodichloromethane	ND	vs	6.1	0.82	
75-71-8	Dichlorodifluoromethane	ND	vs	6.1	0.50	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6' | Lab Sample ID: 480-240036-3

Matrix: Solid | Lab File ID: M02433.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 10:30

Sample wt/vol: 5(g) | Date Analyzed: 07/03/2026 01:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 17.8 % Solids: 82.2 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	6.1	0.42	
106-93-4	1,2-Dibromoethane	ND	vs	6.1	0.78	
98-82-8	Isopropylbenzene	ND	vs	6.1	0.92	
79-20-9	Methyl acetate	ND	vs	30	3.7	
1634-04-4	Methyl tert-butyl ether	ND	vs	6.1	0.60	
108-87-2	Methylcyclohexane	ND	vs	6.1	0.92	UJ
75-09-2	Methylene Chloride	ND	vs	6.1	2.8	
127-18-4	Tetrachloroethene	ND	vs	6.1	0.82	
108-88-3	Toluene	ND	vs	6.1	0.46	
156-60-5	trans-1,2-Dichloroethene	ND	vs	6.1	0.63	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	6.1	2.7	
79-01-6	Trichloroethene	ND	vs	6.1	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	6.1	0.58	UJ
75-01-4	Vinyl chloride	ND	vs	6.1	0.74	UJ
1330-20-7	Xylenes, Total	ND	vs	12	1.0	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	6.1	0.88	UJ
100-42-5	Styrene	ND	vs	6.1	0.30	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		64-126
460-00-4	4-Bromofluorobenzene (Surr)	104		72-126
2037-26-5	Toluene-d8 (Surr)	85		71-125
1868-53-7	Dibromofluoromethane (Surr)	102		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6' | Lab Sample ID: 480-240036-3

Matrix: Solid | Lab File ID: M02433.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 10:30

Sample wt/vol: 5(g) | Date Analyzed: 07/03/2026 01:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 17.8 % Solids: 82.2 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 1-3' | Lab Sample ID: 480-240036-4

Matrix: Solid | Lab File ID: M02434.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 09:30

Sample wt/vol: 5.09(g) | Date Analyzed: 07/03/2026 02:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.8 % Solids: 86.2 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.7	0.41	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.7	0.74	
75-34-3	1,1-Dichloroethane	ND	vs	5.7	0.70	
75-35-4	1,1-Dichloroethene	ND	vs	5.7	0.70	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.7	0.45	
107-06-2	1,2-Dichloroethane	ND	vs	5.7	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.7	2.8	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.7	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.7	0.80	
78-93-3	2-Butanone (MEK)	ND	vs	28	2.1	UJ
591-78-6	2-Hexanone	ND	vs	28	2.8	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	
67-64-1	Acetone	ND	vs	28	4.8	
71-43-2	Benzene	ND	vs	5.7	0.28	
75-25-2	Bromoform	ND	vs	5.7	2.8	
74-83-9	Bromomethane	ND	vs	5.7	0.51	UJ
75-15-0	Carbon disulfide	ND	vs	5.7	2.8	
56-23-5	Carbon tetrachloride	ND	vs	5.7	0.55	UJ
108-90-7	Chlorobenzene	ND	vs	5.7	0.75	
124-48-1	Dibromochloromethane	ND	vs	5.7	0.73	
75-00-3	Chloroethane	ND	vs	5.7	1.3	UJ
67-66-3	Chloroform	5.7 UJ ~~0.95 J~~ B	vs	5.7	0.35	UJ
74-87-3	Chloromethane	ND	*+ vs	5.7	0.34	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.7	0.73	
110-82-7	Cyclohexane	ND	vs	5.7	0.80	UJ
75-27-4	Bromodichloromethane	ND	vs	5.7	0.76	
75-71-8	Dichlorodifluoromethane	ND	vs	5.7	0.47	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 1-3' | Lab Sample ID: 480-240036-4

Matrix: Solid | Lab File ID: M02434.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 09:30

Sample wt/vol: 5.09(g) | Date Analyzed: 07/03/2026 02:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.8 % Solids: 86.2 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.7	0.39	
106-93-4	1,2-Dibromoethane	ND	vs	5.7	0.73	
98-82-8	Isopropylbenzene	ND	vs	5.7	0.86	
79-20-9	Methyl acetate	ND	vs	28	3.4	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.7	0.56	
108-87-2	Methylcyclohexane	ND	vs	5.7	0.87	UJ
75-09-2	Methylene Chloride	ND	vs	5.7	2.6	
127-18-4	Tetrachloroethene	ND	vs	5.7	0.76	
108-88-3	Toluene	ND	vs	5.7	0.43	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.7	0.59	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.7	2.5	
79-01-6	Trichloroethene	ND	vs	5.7	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.7	0.54	UJ
75-01-4	Vinyl chloride	ND	vs	5.7	0.70	UJ
1330-20-7	Xylenes, Total	ND	vs	11	0.96	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.7	0.82	UJ
100-42-5	Styrene	ND	vs	5.7	0.28	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		64-126
460-00-4	4-Bromofluorobenzene (Surr)	106		72-126
2037-26-5	Toluene-d8 (Surr)	88		71-125
1868-53-7	Dibromofluoromethane (Surr)	108		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 1-3' | Lab Sample ID: 480-240036-4

Matrix: Solid | Lab File ID: M02434.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 09:30

Sample wt/vol: 5.09(g) | Date Analyzed: 07/03/2026 02:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.8 % Solids: 86.2 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 4-6' | Lab Sample ID: 480-240036-5

Matrix: Solid | Lab File ID: M02435.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 09:30

Sample wt/vol: 5.02(g) | Date Analyzed: 07/03/2026 02:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.9 % Solids: 84.1 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.9	0.43	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	F1 vs	5.9	0.96	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	F1 vs	5.9	0.77	UJ
75-34-3	1,1-Dichloroethane	ND	vs	5.9	0.72	
75-35-4	1,1-Dichloroethene	ND	vs	5.9	0.72	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	F1 vs	5.9	0.36	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	F1 vs	5.9	3.0	UJ
95-50-1	1,2-Dichlorobenzene	ND	F1 vs	5.9	0.46	UJ
107-06-2	1,2-Dichloroethane	ND	vs	5.9	0.30	
78-87-5	1,2-Dichloropropane	ND	vs	5.9	3.0	
541-73-1	1,3-Dichlorobenzene	ND	F1 vs	5.9	0.30	UJ
106-46-7	1,4-Dichlorobenzene	ND	F1 vs	5.9	0.83	UJ
78-93-3	2-Butanone (MEK)	ND	F1 vs	30	2.2	UJ
591-78-6	2-Hexanone	ND	F1 vs	30	3.0	UJ
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	F1 vs	30	1.9	UJ
67-64-1	Acetone	ND	vs	30	5.0	
71-43-2	Benzene	ND	vs	5.9	0.29	
75-25-2	Bromoform	ND	F1 vs	5.9	3.0	UJ
74-83-9	Bromomethane	ND	vs	5.9	0.53	UJ
75-15-0	Carbon disulfide	ND	vs	5.9	3.0	
56-23-5	Carbon tetrachloride	ND	vs	5.9	0.57	UJ
108-90-7	Chlorobenzene	ND	F1 vs	5.9	0.78	UJ
124-48-1	Dibromochloromethane	ND	F1 vs	5.9	0.76	UJ
75-00-3	Chloroethane	ND	vs	5.9	1.3	UJ
67-66-3	Chloroform	~~0.93~~ 5.9 UJ	J B vs	5.9	0.37	UJ
74-87-3	Chloromethane	ND	*+ vs	5.9	0.36	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.9	0.76	
110-82-7	Cyclohexane	ND	vs	5.9	0.83	UJ
75-27-4	Bromodichloromethane	ND	vs	5.9	0.79	
75-71-8	Dichlorodifluoromethane	ND	vs	5.9	0.49	UJ

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 4-6' | Lab Sample ID: 480-240036-5

Matrix: Solid | Lab File ID: M02435.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 09:30

Sample wt/vol: 5.02(g) | Date Analyzed: 07/03/2026 02:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.9 % Solids: 84.1 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	F1 vs	5.9	0.41	UJ
106-93-4	1,2-Dibromoethane	ND	F1 vs	5.9	0.76	UJ
98-82-8	Isopropylbenzene	ND	F1 vs	5.9	0.89	UJ
79-20-9	Methyl acetate	ND	vs	30	3.6	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.9	0.58	
108-87-2	Methylcyclohexane	ND	vs	5.9	0.90	UJ
75-09-2	Methylene Chloride	ND	vs	5.9	2.7	
127-18-4	Tetrachloroethene	ND	F1 vs	5.9	0.79	UJ
108-88-3	Toluene	ND	F1 vs	5.9	0.45	UJ
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.9	0.61	
10061-02-6	trans-1,3-Dichloropropene	ND	F1 vs	5.9	2.6	UJ
79-01-6	Trichloroethene	ND	vs	5.9	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.9	0.56	UJ
75-01-4	Vinyl chloride	ND	vs	5.9	0.72	UJ
1330-20-7	Xylenes, Total	ND	F1 vs	12	0.99	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.9	0.85	UJ
100-42-5	Styrene	ND	F1 vs	5.9	0.30	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
460-00-4	4-Bromofluorobenzene (Surr)	107		72-126
2037-26-5	Toluene-d8 (Surr)	87		71-125
1868-53-7	Dibromofluoromethane (Surr)	105		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 4-6' | Lab Sample ID: 480-240036-5

Matrix: Solid | Lab File ID: M02435.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 09:30

Sample wt/vol: 5.02(g) | Date Analyzed: 07/03/2026 02:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.9 % Solids: 84.1 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' | Lab Sample ID: 480-240036-6

Matrix: Solid | Lab File ID: M02436.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 11:15

Sample wt/vol: 5(g) | Date Analyzed: 07/03/2026 02:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 30.2 % Solids: 69.8 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	7.2	0.52	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	7.2	1.2	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	7.2	1.6	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	7.2	0.93	
75-34-3	1,1-Dichloroethane	ND	vs	7.2	0.87	
75-35-4	1,1-Dichloroethene	ND	vs	7.2	0.88	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	7.2	0.44	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	7.2	3.6	
95-50-1	1,2-Dichlorobenzene	ND	vs	7.2	0.56	
107-06-2	1,2-Dichloroethane	ND	vs	7.2	0.36	
78-87-5	1,2-Dichloropropane	ND	vs	7.2	3.6	
541-73-1	1,3-Dichlorobenzene	ND	vs	7.2	0.37	
106-46-7	1,4-Dichlorobenzene	ND	vs	7.2	1.0	
78-93-3	2-Butanone (MEK)	ND	vs	36	2.6	UJ
591-78-6	2-Hexanone	ND	vs	36	3.6	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	36	2.4	
67-64-1	Acetone	ND	vs	36	6.0	
71-43-2	Benzene	ND	vs	7.2	0.35	
75-25-2	Bromoform	ND	vs	7.2	3.6	
74-83-9	Bromomethane	ND	vs	7.2	0.64	UJ
75-15-0	Carbon disulfide	ND	vs	7.2	3.6	
56-23-5	Carbon tetrachloride	ND	vs	7.2	0.69	UJ
108-90-7	Chlorobenzene	ND	vs	7.2	0.95	
124-48-1	Dibromochloromethane	ND	vs	7.2	0.92	
75-00-3	Chloroethane	ND	vs	7.2	1.6	UJ
67-66-3	Chloroform	7.2 UJ ~~1 1~~	J B vs	7.2	0.44	UJ
74-87-3	Chloromethane	ND	*+ vs	7.2	0.43	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	7.2	0.92	
110-82-7	Cyclohexane	ND	vs	7.2	1.0	UJ
75-27-4	Bromodichloromethane	ND	vs	7.2	0.96	
75-71-8	Dichlorodifluoromethane	ND	vs	7.2	0.59	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' | Lab Sample ID: 480-240036-6

Matrix: Solid | Lab File ID: M02436.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 11:15

Sample wt/vol: 5(g) | Date Analyzed: 07/03/2026 02:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 30.2 % Solids: 69.8 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	7.2	0.49	
106-93-4	1,2-Dibromoethane	ND	vs	7.2	0.92	
98-82-8	Isopropylbenzene	ND	vs	7.2	1.1	
79-20-9	Methyl acetate	ND	vs	36	4.3	
1634-04-4	Methyl tert-butyl ether	ND	vs	7.2	0.70	
108-87-2	Methylcyclohexane	ND	vs	7.2	1.1	UJ
75-09-2	Methylene Chloride	ND	vs	7.2	3.3	
127-18-4	Tetrachloroethene	ND	vs	7.2	0.96	
108-88-3	Toluene	ND	vs	7.2	0.54	
156-60-5	trans-1,2-Dichloroethene	ND	vs	7.2	0.74	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	7.2	3.2	
79-01-6	Trichloroethene	ND	vs	7.2	1.6	UJ
75-69-4	Trichlorofluoromethane	ND	vs	7.2	0.68	UJ
75-01-4	Vinyl chloride	ND	vs	7.2	0.87	UJ
1330-20-7	Xylenes, Total	ND	vs	14	1.2	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	7.2	1.0	UJ
100-42-5	Styrene	ND	vs	7.2	0.36	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
2037-26-5	Toluene-d8 (Surr)	88		71-125
1868-53-7	Dibromofluoromethane (Surr)	102		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' | Lab Sample ID: 480-240036-6

Matrix: Solid | Lab File ID: M02436.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 11:15

Sample wt/vol: 5(g) | Date Analyzed: 07/03/2026 02:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 30.2 % Solids: 69.8 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 4-6' | Lab Sample ID: 480-240036-7

Matrix: Solid | Lab File ID: M02437.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 11:15

Sample wt/vol: 5.02(g) | Date Analyzed: 07/03/2026 03:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.7 % Solids: 84.3 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.9	0.43	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	F1 vs	5.9	0.96	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	F1 vs	5.9	0.77	UJ
75-34-3	1,1-Dichloroethane	ND	vs	5.9	0.72	
75-35-4	1,1-Dichloroethene	ND	vs	5.9	0.72	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	F1 vs	5.9	0.36	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	F1 vs	5.9	3.0	UJ
95-50-1	1,2-Dichlorobenzene	ND	F1 vs	5.9	0.46	UJ
107-06-2	1,2-Dichloroethane	ND	vs	5.9	0.30	
78-87-5	1,2-Dichloropropane	ND	vs	5.9	3.0	
541-73-1	1,3-Dichlorobenzene	ND	F1 vs	5.9	0.30	UJ
106-46-7	1,4-Dichlorobenzene	ND	F1 vs	5.9	0.83	UJ
78-93-3	2-Butanone (MEK)	ND	F1 vs	30	2.2	UJ
591-78-6	2-Hexanone	ND	F1 vs	30	3.0	UJ
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	F1 vs	30	1.9	UJ
67-64-1	Acetone	ND	vs	30	5.0	
71-43-2	Benzene	ND	vs	5.9	0.29	
75-25-2	Bromoform	ND	F1 vs	5.9	3.0	UJ
74-83-9	Bromomethane	ND	vs	5.9	0.53	UJ
75-15-0	Carbon disulfide	ND	vs	5.9	3.0	
56-23-5	Carbon tetrachloride	ND	vs	5.9	0.57	
108-90-7	Chlorobenzene	ND	F1 vs	5.9	0.78	UJ
124-48-1	Dibromochloromethane	ND	F1 vs	5.9	0.76	UJ
75-00-3	Chloroethane	ND	vs	5.9	1.3	UJ
67-66-3	Chloroform	0.82	J B vs	5.9	0.37	UJ
74-87-3	Chloromethane	ND	*+ vs	5.9	0.36	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.9	0.76	
110-82-7	Cyclohexane	ND	vs	5.9	0.83	UJ
75-27-4	Bromodichloromethane	ND	vs	5.9	0.79	
75-71-8	Dichlorodifluoromethane	ND	vs	5.9	0.49	UJ

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 4-6' | Lab Sample ID: 480-240036-7

Matrix: Solid | Lab File ID: M02437.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 11:15

Sample wt/vol: 5.02(g) | Date Analyzed: 07/03/2026 03:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.7 % Solids: 84.3 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	F1 vs	5.9	0.41	UJ
106-93-4	1,2-Dibromoethane	ND	F1 vs	5.9	0.76	UJ
98-82-8	Isopropylbenzene	ND	F1 vs	5.9	0.89	UJ
79-20-9	Methyl acetate	ND	vs	30	3.6	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.9	0.58	
108-87-2	Methylcyclohexane	ND	F1 vs	5.9	0.90	UJ
75-09-2	Methylene Chloride	ND	vs	5.9	2.7	
127-18-4	Tetrachloroethene	ND	F1 vs	5.9	0.79	UJ
108-88-3	Toluene	ND	F1 vs	5.9	0.45	UJ
156-60-5	trans-1,2-Dichloroethene	ND	F1 vs	5.9	0.61	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	F1 vs	5.9	2.6	UJ
79-01-6	Trichloroethene	ND	vs	5.9	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.9	0.56	UJ
75-01-4	Vinyl chloride	ND	vs	5.9	0.72	UJ
1330-20-7	Xylenes, Total	ND	F1 vs	12	0.99	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.9	0.85	UJ
100-42-5	Styrene	ND	F1 vs	5.9	0.30	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
2037-26-5	Toluene-d8 (Surr)	87		71-125
1868-53-7	Dibromofluoromethane (Surr)	103		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 4-6' | Lab Sample ID: 480-240036-7

Matrix: Solid | Lab File ID: M02437.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 11:15

Sample wt/vol: 5.02(g) | Date Analyzed: 07/03/2026 03:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.7 % Solids: 84.3 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3' | Lab Sample ID: 480-240036-8

Matrix: Solid | Lab File ID: M02438.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 12:30

Sample wt/vol: 5.16(g) | Date Analyzed: 07/03/2026 03:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 18.6 % Solids: 81.4 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	6.0	0.43	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	6.0	0.97	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.0	1.4	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	6.0	0.77	
75-34-3	1,1-Dichloroethane	ND	vs	6.0	0.73	
75-35-4	1,1-Dichloroethene	ND	vs	6.0	0.73	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	6.0	0.36	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	6.0	3.0	
95-50-1	1,2-Dichlorobenzene	ND	vs	6.0	0.47	
107-06-2	1,2-Dichloroethane	ND	vs	6.0	0.30	
78-87-5	1,2-Dichloropropane	ND	vs	6.0	3.0	
541-73-1	1,3-Dichlorobenzene	ND	vs	6.0	0.31	
106-46-7	1,4-Dichlorobenzene	ND	vs	6.0	0.83	
78-93-3	2-Butanone (MEK)	ND	vs	30	2.2	UJ
591-78-6	2-Hexanone	ND	vs	30	3.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	30	2.0	
67-64-1	Acetone	7.2	J vs	30	5.0	
71-43-2	Benzene	ND	vs	6.0	0.29	
75-25-2	Bromoform	ND	vs	6.0	3.0	
74-83-9	Bromomethane	ND	vs	6.0	0.54	UJ
75-15-0	Carbon disulfide	ND	vs	6.0	3.0	
56-23-5	Carbon tetrachloride	ND	vs	6.0	0.58	UJ
108-90-7	Chlorobenzene	ND	vs	6.0	0.79	
124-48-1	Dibromochloromethane	ND	vs	6.0	0.76	
75-00-3	Chloroethane	ND	vs	6.0	1.3	UJ
67-66-3	Chloroform	6.0 UJ ~~0.99~~	J B vs	6.0	0.37	UJ
74-87-3	Chloromethane	ND	*+ vs	6.0	0.36	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	6.0	0.76	
110-82-7	Cyclohexane	ND	vs	6.0	0.83	UJ
75-27-4	Bromodichloromethane	ND	vs	6.0	0.80	
75-71-8	Dichlorodifluoromethane	ND	vs	6.0	0.49	UJ

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3' | Lab Sample ID: 480-240036-8

Matrix: Solid | Lab File ID: M02438.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 12:30

Sample wt/vol: 5.16(g) | Date Analyzed: 07/03/2026 03:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 18.6 % Solids: 81.4 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	6.0	0.41	
106-93-4	1,2-Dibromoethane	ND	vs	6.0	0.76	
98-82-8	Isopropylbenzene	ND	vs	6.0	0.90	
79-20-9	Methyl acetate	ND	vs	30	3.6	
1634-04-4	Methyl tert-butyl ether	ND	vs	6.0	0.58	
108-87-2	Methylcyclohexane	ND	vs	6.0	0.91	UJ
75-09-2	Methylene Chloride	ND	vs	6.0	2.7	
127-18-4	Tetrachloroethene	ND	vs	6.0	0.80	
108-88-3	Toluene	ND	vs	6.0	0.45	
156-60-5	trans-1,2-Dichloroethene	ND	vs	6.0	0.61	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	6.0	2.6	
79-01-6	Trichloroethene	ND	vs	6.0	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	6.0	0.56	UJ
75-01-4	Vinyl chloride	ND	vs	6.0	0.73	UJ
1330-20-7	Xylenes, Total	ND	vs	12	1.0	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	6.0	0.86	UJ
100-42-5	Styrene	ND	vs	6.0	0.30	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		64-126
460-00-4	4-Bromofluorobenzene (Surr)	106		72-126
2037-26-5	Toluene-d8 (Surr)	88		71-125
1868-53-7	Dibromofluoromethane (Surr)	107		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3' | Lab Sample ID: 480-240036-8

Matrix: Solid | Lab File ID: M02438.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 12:30

Sample wt/vol: 5.16(g) | Date Analyzed: 07/03/2026 03:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 18.6 % Solids: 81.4 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' | Lab Sample ID: 480-240036-9

Matrix: Solid | Lab File ID: M02439.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 12:30

Sample wt/vol: 5.1(g) | Date Analyzed: 07/03/2026 04:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.4 % Solids: 83.6 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.9	0.43	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.95	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.9	0.76	
75-34-3	1,1-Dichloroethane	ND	vs	5.9	0.72	
75-35-4	1,1-Dichloroethene	ND	vs	5.9	0.72	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.9	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.9	0.46	
107-06-2	1,2-Dichloroethane	ND	vs	5.9	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.9	2.9	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.9	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.9	0.82	
78-93-3	2-Butanone (MEK)	ND	vs	29	2.1	
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	UJ
67-64-1	Acetone	ND	vs	29	4.9	
71-43-2	Benzene	ND	vs	5.9	0.29	
75-25-2	Bromoform	ND	vs	5.9	2.9	
74-83-9	Bromomethane	ND	vs	5.9	0.53	UJ
75-15-0	Carbon disulfide	ND	vs	5.9	2.9	
56-23-5	Carbon tetrachloride	ND	vs	5.9	0.57	UJ
108-90-7	Chlorobenzene	ND	vs	5.9	0.77	
124-48-1	Dibromochloromethane	ND	vs	5.9	0.75	
75-00-3	Chloroethane	ND	vs	5.9	1.3	UJ
67-66-3	Chloroform	5.9 UJ ~~0.90 J~~ B	vs	5.9	0.36	UJ
74-87-3	Chloromethane	ND	*+ vs	5.9	0.35	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.9	0.75	
110-82-7	Cyclohexane	ND	vs	5.9	0.82	UJ
75-27-4	Bromodichloromethane	ND	vs	5.9	0.79	
75-71-8	Dichlorodifluoromethane	ND	vs	5.9	0.48	UJ

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' | Lab Sample ID: 480-240036-9

Matrix: Solid | Lab File ID: M02439.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 12:30

Sample wt/vol: 5.1(g) | Date Analyzed: 07/03/2026 04:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.4 % Solids: 83.6 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.9	0.40	
106-93-4	1,2-Dibromoethane	ND	vs	5.9	0.75	
98-82-8	Isopropylbenzene	ND	vs	5.9	0.88	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.9	0.58	
108-87-2	Methylcyclohexane	ND	vs	5.9	0.89	UJ
75-09-2	Methylene Chloride	ND	vs	5.9	2.7	
127-18-4	Tetrachloroethene	ND	vs	5.9	0.79	
108-88-3	Toluene	ND	vs	5.9	0.44	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.9	0.60	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.9	2.6	
79-01-6	Trichloroethene	ND	vs	5.9	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.9	0.55	UJ
75-01-4	Vinyl chloride	ND	vs	5.9	0.72	UJ
1330-20-7	Xylenes, Total	ND	vs	12	0.98	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.9	0.84	UJ
100-42-5	Styrene	ND	vs	5.9	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
2037-26-5	Toluene-d8 (Surr)	88		71-125
1868-53-7	Dibromofluoromethane (Surr)	102		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' | Lab Sample ID: 480-240036-9

Matrix: Solid | Lab File ID: M02439.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 12:30

Sample wt/vol: 5.1(g) | Date Analyzed: 07/03/2026 04:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.4 % Solids: 83.6 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' DUP | Lab Sample ID: 480-240036-10

Matrix: Solid | Lab File ID: M02440.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 12:30

Sample wt/vol: 5.01(g) | Date Analyzed: 07/03/2026 04:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.0 % Solids: 85.0 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.9	0.43	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.95	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.9	0.76	
75-34-3	1,1-Dichloroethane	ND	vs	5.9	0.72	
75-35-4	1,1-Dichloroethene	ND	vs	5.9	0.72	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.9	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.9	0.46	
107-06-2	1,2-Dichloroethane	ND	vs	5.9	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.9	2.9	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.9	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.9	0.82	UJ
78-93-3	2-Butanone (MEK)	ND	vs	29	2.1	
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	ND	vs	29	4.9	
71-43-2	Benzene	ND	vs	5.9	0.29	
75-25-2	Bromoform	ND	vs	5.9	2.9	
74-83-9	Bromomethane	ND	vs	5.9	0.53	UJ
75-15-0	Carbon disulfide	ND	vs	5.9	2.9	
56-23-5	Carbon tetrachloride	ND	vs	5.9	0.57	UJ
108-90-7	Chlorobenzene	ND	vs	5.9	0.77	
124-48-1	Dibromochloromethane	ND	vs	5.9	0.75	
75-00-3	Chloroethane	ND	vs	5.9	1.3	UJ
67-66-3	Chloroform	5.9 UJ ~~0.98~~	J B vs	5.9	0.36	UJ
74-87-3	Chloromethane	ND	*+ vs	5.9	0.35	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.9	0.75	
110-82-7	Cyclohexane	ND	vs	5.9	0.82	UJ
75-27-4	Bromodichloromethane	ND	vs	5.9	0.79	
75-71-8	Dichlorodifluoromethane	ND	vs	5.9	0.48	UJ

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' DUP | Lab Sample ID: 480-240036-10

Matrix: Solid | Lab File ID: M02440.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 12:30

Sample wt/vol: 5.01(g) | Date Analyzed: 07/03/2026 04:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.0 % Solids: 85.0 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.9	0.41	
106-93-4	1,2-Dibromoethane	ND	vs	5.9	0.75	
98-82-8	Isopropylbenzene	ND	vs	5.9	0.89	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.9	0.58	
108-87-2	Methylcyclohexane	ND	vs	5.9	0.89	UJ
75-09-2	Methylene Chloride	ND	vs	5.9	2.7	
127-18-4	Tetrachloroethene	ND	vs	5.9	0.79	
108-88-3	Toluene	ND	vs	5.9	0.44	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.9	0.61	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.9	2.6	
79-01-6	Trichloroethene	ND	vs	5.9	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.9	0.56	UJ
75-01-4	Vinyl chloride	ND	vs	5.9	0.72	UJ
1330-20-7	Xylenes, Total	ND	vs	12	0.99	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.9	0.85	UJ
100-42-5	Styrene	ND	vs	5.9	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
2037-26-5	Toluene-d8 (Surr)	87		71-125
1868-53-7	Dibromofluoromethane (Surr)	106		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' DUP | Lab Sample ID: 480-240036-10

Matrix: Solid | Lab File ID: M02440.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 12:30

Sample wt/vol: 5.01(g) | Date Analyzed: 07/03/2026 04:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.0 % Solids: 85.0 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2' | Lab Sample ID: 480-240036-11

Matrix: Solid | Lab File ID: M02441.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:00

Sample wt/vol: 5.02(g) | Date Analyzed: 07/03/2026 04:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.1 % Solids: 85.9 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.8	0.42	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.94	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.8	0.75	
75-34-3	1,1-Dichloroethane	ND	vs	5.8	0.71	
75-35-4	1,1-Dichloroethene	ND	vs	5.8	0.71	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.8	0.45	
107-06-2	1,2-Dichloroethane	ND	vs	5.8	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.8	2.9	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.8	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.8	0.81	
78-93-3	2-Butanone (MEK)	ND	vs	29	2.1	UJ
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	ND	vs	29	4.9	
71-43-2	Benzene	ND	vs	5.8	0.28	
75-25-2	Bromoform	ND	vs	5.8	2.9	
74-83-9	Bromomethane	ND	vs	5.8	0.52	UJ
75-15-0	Carbon disulfide	ND	vs	5.8	2.9	
56-23-5	Carbon tetrachloride	ND	vs	5.8	0.56	UJ
108-90-7	Chlorobenzene	ND	vs	5.8	0.77	
124-48-1	Dibromochloromethane	ND	vs	5.8	0.74	
75-00-3	Chloroethane	ND	vs	5.8	1.3	UJ
67-66-3	Chloroform	~~0.94~~ 5.8 UJ	J B vs	5.8	0.36	UJ
74-87-3	Chloromethane	ND	*+ vs	5.8	0.35	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.8	0.74	
110-82-7	Cyclohexane	ND	vs	5.8	0.81	UJ
75-27-4	Bromodichloromethane	ND	vs	5.8	0.78	
75-71-8	Dichlorodifluoromethane	ND	vs	5.8	0.48	UJ

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2' | Lab Sample ID: 480-240036-11

Matrix: Solid | Lab File ID: M02441.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:00

Sample wt/vol: 5.02(g) | Date Analyzed: 07/03/2026 04:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.1 % Solids: 85.9 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.8	0.40	
106-93-4	1,2-Dibromoethane	ND	vs	5.8	0.74	
98-82-8	Isopropylbenzene	ND	vs	5.8	0.87	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.8	0.57	
108-87-2	Methylcyclohexane	ND	vs	5.8	0.88	UJ
75-09-2	Methylene Chloride	ND	vs	5.8	2.7	
127-18-4	Tetrachloroethene	ND	vs	5.8	0.78	
108-88-3	Toluene	ND	vs	5.8	0.44	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.8	0.60	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.8	2.6	
79-01-6	Trichloroethene	ND	vs	5.8	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.8	0.55	UJ
75-01-4	Vinyl chloride	ND	vs	5.8	0.71	UJ
1330-20-7	Xylenes, Total	ND	vs	12	0.97	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.8	0.83	UJ
100-42-5	Styrene	ND	vs	5.8	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
2037-26-5	Toluene-d8 (Surr)	86		71-125
1868-53-7	Dibromofluoromethane (Surr)	105		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2' | Lab Sample ID: 480-240036-11

Matrix: Solid | Lab File ID: M02441.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:00

Sample wt/vol: 5.02(g) | Date Analyzed: 07/03/2026 04:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.1 % Solids: 85.9 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' | Lab Sample ID: 480-240036-12

Matrix: Solid | Lab File ID: M02442.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:00

Sample wt/vol: 5.02(g) | Date Analyzed: 07/03/2026 05:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.7 % Solids: 84.3 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.9	0.43	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.96	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.9	0.77	
75-34-3	1,1-Dichloroethane	ND	vs	5.9	0.72	
75-35-4	1,1-Dichloroethene	ND	vs	5.9	0.72	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.9	3.0	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.9	0.46	
107-06-2	1,2-Dichloroethane	ND	vs	5.9	0.30	
78-87-5	1,2-Dichloropropane	ND	vs	5.9	3.0	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.9	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.9	0.83	
78-93-3	2-Butanone (MEK)	ND	vs	30	2.2	UJ
591-78-6	2-Hexanone	ND	vs	30	3.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	30	1.9	
67-64-1	Acetone	ND	vs	30	5.0	
71-43-2	Benzene	ND	vs	5.9	0.29	
75-25-2	Bromoform	ND	vs	5.9	3.0	
74-83-9	Bromomethane	ND	vs	5.9	0.53	UJ
75-15-0	Carbon disulfide	ND	vs	5.9	3.0	
56-23-5	Carbon tetrachloride	ND	vs	5.9	0.57	UJ
108-90-7	Chlorobenzene	ND	vs	5.9	0.78	
124-48-1	Dibromochloromethane	ND	vs	5.9	0.76	
75-00-3	Chloroethane	ND	vs	5.9	1.3	UJ
67-66-3	Chloroform	5.9 UJ 1 1 J B	vs	5.9	0.36	UJ
74-87-3	Chloromethane	ND	*+ vs	5.9	0.36	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.9	0.76	
110-82-7	Cyclohexane	ND	vs	5.9	0.83	UJ
75-27-4	Bromodichloromethane	ND	vs	5.9	0.79	
75-71-8	Dichlorodifluoromethane	ND	vs	5.9	0.49	UJ

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' | Lab Sample ID: 480-240036-12

Matrix: Solid | Lab File ID: M02442.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:00

Sample wt/vol: 5.02(g) | Date Analyzed: 07/03/2026 05:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.7 % Solids: 84.3 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.9	0.41	
106-93-4	1,2-Dibromoethane	ND	vs	5.9	0.76	
98-82-8	Isopropylbenzene	ND	vs	5.9	0.89	
79-20-9	Methyl acetate	ND	vs	30	3.6	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.9	0.58	
108-87-2	Methylcyclohexane	ND	vs	5.9	0.90	UJ
75-09-2	Methylene Chloride	ND	vs	5.9	2.7	
127-18-4	Tetrachloroethene	ND	vs	5.9	0.79	
108-88-3	Toluene	ND	vs	5.9	0.45	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.9	0.61	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.9	2.6	
79-01-6	Trichloroethene	ND	vs	5.9	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.9	0.56	UJ
75-01-4	Vinyl chloride	ND	vs	5.9	0.72	UJ
1330-20-7	Xylenes, Total	ND	vs	12	0.99	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.9	0.85	UJ
100-42-5	Styrene	ND	vs	5.9	0.30	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
2037-26-5	Toluene-d8 (Surr)	86		71-125
1868-53-7	Dibromofluoromethane (Surr)	105		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' | Lab Sample ID: 480-240036-12

Matrix: Solid | Lab File ID: M02442.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:00

Sample wt/vol: 5.02(g) | Date Analyzed: 07/03/2026 05:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.7 % Solids: 84.3 | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' DUP | Lab Sample ID: 480-240036-13

Matrix: Solid | Lab File ID: R5163.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:00

Sample wt/vol: 5.18(g) | Date Analyzed: 07/03/2026 04:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.0 % Solids: 85.0 | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.7	0.41	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	
79-00-5	1,1,2-Trichloroethane	ND	vs	5.7	0.74	
75-34-3	1,1-Dichloroethane	ND	vs	5.7	0.69	
75-35-4	1,1-Dichloroethene	ND	vs	5.7	0.69	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.7	0.44	
107-06-2	1,2-Dichloroethane	ND	vs	5.7	0.28	
78-87-5	1,2-Dichloropropane	ND	vs	5.7	2.8	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.7	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.7	0.79	
78-93-3	2-Butanone (MEK)	ND	vs	28	2.1	
591-78-6	2-Hexanone	ND	vs	28	2.8	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	
67-64-1	Acetone	28 UJ ~~8.2~~	J B vs	28	4.8	UJ
71-43-2	Benzene	ND	vs	5.7	0.28	
75-25-2	Bromoform	ND	vs	5.7	2.8	
74-83-9	Bromomethane	ND	vs	5.7	0.51	
75-15-0	Carbon disulfide	ND	vs	5.7	2.8	
56-23-5	Carbon tetrachloride	ND	vs	5.7	0.55	
108-90-7	Chlorobenzene	ND	vs	5.7	0.75	
124-48-1	Dibromochloromethane	ND	vs	5.7	0.73	
75-00-3	Chloroethane	ND	vs	5.7	1.3	
67-66-3	Chloroform	5.7 UJ ~~0.94~~	J B vs	5.7	0.35	UJ
74-87-3	Chloromethane	ND	vs	5.7	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.7	0.73	
110-82-7	Cyclohexane	ND	vs	5.7	0.79	
75-27-4	Bromodichloromethane	ND	vs	5.7	0.76	

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' DUP | Lab Sample ID: 480-240036-13

Matrix: Solid | Lab File ID: R5163.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:00

Sample wt/vol: 5.18(g) | Date Analyzed: 07/03/2026 04:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.0 % Solids: 85.0 | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.7	0.47	UJ
100-41-4	Ethylbenzene	ND	vs	5.7	0.39	
106-93-4	1,2-Dibromoethane	ND	vs	5.7	0.73	
98-82-8	Isopropylbenzene	ND	vs	5.7	0.86	
79-20-9	Methyl acetate	ND	vs	28	3.4	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.7	0.56	
108-87-2	Methylcyclohexane	ND	vs	5.7	0.86	
75-09-2	Methylene Chloride	ND	vs	5.7	2.6	
127-18-4	Tetrachloroethene	ND	vs	5.7	0.76	
108-88-3	Toluene	ND	vs	5.7	0.43	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.7	0.59	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.7	2.5	
79-01-6	Trichloroethene	ND	vs	5.7	1.2	
75-69-4	Trichlorofluoromethane	ND	vs	5.7	0.54	
75-01-4	Vinyl chloride	ND	vs	5.7	0.69	
1330-20-7	Xylenes, Total	ND	vs	11	0.95	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.7	0.82	
100-42-5	Styrene	ND	vs	5.7	0.28	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
460-00-4	4-Bromofluorobenzene (Surr)	101		72-126
2037-26-5	Toluene-d8 (Surr)	105		71-125
1868-53-7	Dibromofluoromethane (Surr)	103		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' DUP | Lab Sample ID: 480-240036-13

Matrix: Solid | Lab File ID: R5163.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:00

Sample wt/vol: 5.18(g) | Date Analyzed: 07/03/2026 04:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.0 % Solids: 85.0 | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 1-3' | Lab Sample ID: 480-240036-14

Matrix: Solid | Lab File ID: R5164.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:45

Sample wt/vol: 5.06(g) | Date Analyzed: 07/03/2026 05:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.5 % Solids: 86.5 | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.7	0.41	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.93	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	
79-00-5	1,1,2-Trichloroethane	ND	vs	5.7	0.74	
75-34-3	1,1-Dichloroethane	ND	vs	5.7	0.70	
75-35-4	1,1-Dichloroethene	ND	vs	5.7	0.70	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.7	0.45	
107-06-2	1,2-Dichloroethane	ND	vs	5.7	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.7	2.9	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.7	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.7	0.80	
78-93-3	2-Butanone (MEK)	ND	vs	29	2.1	
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	29 UJ ~~5.1~~	J B vs	29	4.8	UJ
71-43-2	Benzene	ND	vs	5.7	0.28	
75-25-2	Bromoform	ND	vs	5.7	2.9	
74-83-9	Bromomethane	ND	vs	5.7	0.51	
75-15-0	Carbon disulfide	ND	vs	5.7	2.9	
56-23-5	Carbon tetrachloride	ND	vs	5.7	0.55	
108-90-7	Chlorobenzene	ND	vs	5.7	0.75	
124-48-1	Dibromochloromethane	ND	vs	5.7	0.73	
75-00-3	Chloroethane	ND	vs	5.7	1.3	
67-66-3	Chloroform	5.7 UJ ~~0.82~~	J B vs	5.7	0.35	UJ
74-87-3	Chloromethane	ND	vs	5.7	0.35	
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.7	0.73	
110-82-7	Cyclohexane	ND	vs	5.7	0.80	
75-27-4	Bromodichloromethane	ND	vs	5.7	0.77	

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 1-3' | Lab Sample ID: 480-240036-14

Matrix: Solid | Lab File ID: R5164.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:45

Sample wt/vol: 5.06(g) | Date Analyzed: 07/03/2026 05:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.5 % Solids: 86.5 | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.7	0.47	UJ
100-41-4	Ethylbenzene	ND	vs	5.7	0.39	
106-93-4	1,2-Dibromoethane	ND	vs	5.7	0.73	
98-82-8	Isopropylbenzene	ND	vs	5.7	0.86	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.7	0.56	
108-87-2	Methylcyclohexane	ND	vs	5.7	0.87	
75-09-2	Methylene Chloride	ND	vs	5.7	2.6	
127-18-4	Tetrachloroethene	ND	vs	5.7	0.77	
108-88-3	Toluene	ND	vs	5.7	0.43	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.7	0.59	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.7	2.5	
79-01-6	Trichloroethene	ND	vs	5.7	1.3	
75-69-4	Trichlorofluoromethane	ND	vs	5.7	0.54	
75-01-4	Vinyl chloride	ND	vs	5.7	0.70	
1330-20-7	Xylenes, Total	ND	vs	11	0.96	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.7	0.82	
100-42-5	Styrene	ND	vs	5.7	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		64-126
460-00-4	4-Bromofluorobenzene (Surr)	94		72-126
2037-26-5	Toluene-d8 (Surr)	108		71-125
1868-53-7	Dibromofluoromethane (Surr)	99		60-140

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 1-3' | Lab Sample ID: 480-240036-14

Matrix: Solid | Lab File ID: R5164.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:45

Sample wt/vol: 5.06(g) | Date Analyzed: 07/03/2026 05:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.5 % Solids: 86.5 | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 4-6' | Lab Sample ID: 480-240036-15

Matrix: Solid | Lab File ID: R5165.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:45

Sample wt/vol: 5.07(g) | Date Analyzed: 07/03/2026 05:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.2 % Solids: 86.8 | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.7	0.41	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	
79-00-5	1,1,2-Trichloroethane	ND	vs	5.7	0.74	
75-34-3	1,1-Dichloroethane	ND	vs	5.7	0.69	
75-35-4	1,1-Dichloroethene	ND	vs	5.7	0.70	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.7	0.44	
107-06-2	1,2-Dichloroethane	ND	vs	5.7	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.7	2.8	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.7	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.7	0.80	
78-93-3	2-Butanone (MEK)	ND	vs	28	2.1	
591-78-6	2-Hexanone	ND	vs	28	2.8	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	
67-64-1	Acetone	28 UJ ~~7.1 J~~ B	vs	28	4.8	UJ
71-43-2	Benzene	ND	vs	5.7	0.28	
75-25-2	Bromoform	ND	vs	5.7	2.8	
74-83-9	Bromomethane	ND	vs	5.7	0.51	
75-15-0	Carbon disulfide	ND	vs	5.7	2.8	
56-23-5	Carbon tetrachloride	ND	vs	5.7	0.55	
108-90-7	Chlorobenzene	ND	vs	5.7	0.75	
124-48-1	Dibromochloromethane	ND	vs	5.7	0.73	
75-00-3	Chloroethane	ND	vs	5.7	1.3	
67-66-3	Chloroform	5.7 UJ ~~0.80 J~~ B	vs	5.7	0.35	UJ
74-87-3	Chloromethane	ND	vs	5.7	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.7	0.73	
110-82-7	Cyclohexane	ND	vs	5.7	0.80	
75-27-4	Bromodichloromethane	ND	vs	5.7	0.76	

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 4-6' | Lab Sample ID: 480-240036-15

Matrix: Solid | Lab File ID: R5165.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:45

Sample wt/vol: 5.07(g) | Date Analyzed: 07/03/2026 05:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.2 % Solids: 86.8 | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.7	0.47	UJ
100-41-4	Ethylbenzene	ND	vs	5.7	0.39	
106-93-4	1,2-Dibromoethane	ND	vs	5.7	0.73	
98-82-8	Isopropylbenzene	ND	vs	5.7	0.86	
79-20-9	Methyl acetate	ND	vs	28	3.4	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.7	0.56	
108-87-2	Methylcyclohexane	ND	vs	5.7	0.86	
75-09-2	Methylene Chloride	ND	vs	5.7	2.6	
127-18-4	Tetrachloroethene	ND	vs	5.7	0.76	
108-88-3	Toluene	ND	vs	5.7	0.43	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.7	0.59	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.7	2.5	
79-01-6	Trichloroethene	ND	vs	5.7	1.2	
75-69-4	Trichlorofluoromethane	ND	vs	5.7	0.54	
75-01-4	Vinyl chloride	ND	vs	5.7	0.69	
1330-20-7	Xylenes, Total	ND	vs	11	0.95	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.7	0.82	
100-42-5	Styrene	ND	vs	5.7	0.28	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
460-00-4	4-Bromofluorobenzene (Surr)	100		72-126
2037-26-5	Toluene-d8 (Surr)	106		71-125
1868-53-7	Dibromofluoromethane (Surr)	100		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 4-6' | Lab Sample ID: 480-240036-15

Matrix: Solid | Lab File ID: R5165.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 13:45

Sample wt/vol: 5.07(g) | Date Analyzed: 07/03/2026 05:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.2 % Solids: 86.8 | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

Number TICs Found: 1 | TIC Result Total: 8.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	12.88	8.1	T J	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: RI-MW-3 20-25' | Lab Sample ID: 480-240036-16

Matrix: Solid | Lab File ID: R5166.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 00:00

Sample wt/vol: 5.14(g) | Date Analyzed: 07/03/2026 05:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 20.3 % Solids: 79.7 | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	6.1	0.44	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	6.1	0.99	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.1	1.4	
79-00-5	1,1,2-Trichloroethane	ND	vs	6.1	0.79	
75-34-3	1,1-Dichloroethane	ND	vs	6.1	0.74	
75-35-4	1,1-Dichloroethene	ND	vs	6.1	0.75	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	6.1	0.37	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	6.1	3.1	
95-50-1	1,2-Dichlorobenzene	ND	vs	6.1	0.48	
107-06-2	1,2-Dichloroethane	ND	vs	6.1	0.31	
78-87-5	1,2-Dichloropropane	ND	vs	6.1	3.1	
541-73-1	1,3-Dichlorobenzene	ND	vs	6.1	0.31	
106-46-7	1,4-Dichlorobenzene	ND	vs	6.1	0.85	
78-93-3	2-Butanone (MEK)	ND	vs	31	2.2	
591-78-6	2-Hexanone	ND	vs	31	3.1	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	
67-64-1	Acetone	31 UJ ~~10~~ ~~J~~ B vs		31	5.1	UJ
71-43-2	Benzene	ND	vs	6.1	0.30	
75-25-2	Bromoform	ND	vs	6.1	3.1	
74-83-9	Bromomethane	ND	vs	6.1	0.55	
75-15-0	Carbon disulfide	ND	vs	6.1	3.1	
56-23-5	Carbon tetrachloride	ND	vs	6.1	0.59	
108-90-7	Chlorobenzene	ND	vs	6.1	0.81	
124-48-1	Dibromochloromethane	ND	vs	6.1	0.78	
75-00-3	Chloroethane	ND	vs	6.1	1.4	
67-66-3	Chloroform	ND	vs	6.1	0.38	
74-87-3	Chloromethane	ND	vs	6.1	0.37	
156-59-2	cis-1,2-Dichloroethene	ND	vs	6.1	0.78	
110-82-7	Cyclohexane	ND	vs	6.1	0.85	
75-27-4	Bromodichloromethane	ND	vs	6.1	0.82	
75-71-8	Dichlorodifluoromethane	ND	vs	6.1	0.50	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: RI-MW-3 20-25' | Lab Sample ID: 480-240036-16

Matrix: Solid | Lab File ID: R5166.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 00:00

Sample wt/vol: 5.14(g) | Date Analyzed: 07/03/2026 05:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 20.3 % Solids: 79.7 | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	ND	vs	6.1	0.42
106-93-4	1,2-Dibromoethane	ND	vs	6.1	0.78
98-82-8	Isopropylbenzene	ND	vs	6.1	0.92
79-20-9	Methyl acetate	ND	vs	31	3.7
1634-04-4	Methyl tert-butyl ether	ND	vs	6.1	0.60
108-87-2	Methylcyclohexane	ND	vs	6.1	0.93
75-09-2	Methylene Chloride	ND	vs	6.1	2.8
127-18-4	Tetrachloroethene	ND	vs	6.1	0.82
108-88-3	Toluene	ND	vs	6.1	0.46
156-60-5	trans-1,2-Dichloroethene	ND	vs	6.1	0.63
10061-02-6	trans-1,3-Dichloropropene	ND	vs	6.1	2.7
79-01-6	Trichloroethene	ND	vs	6.1	1.3
75-69-4	Trichlorofluoromethane	ND	vs	6.1	0.58
75-01-4	Vinyl chloride	ND	vs	6.1	0.74
1330-20-7	Xylenes, Total	ND	vs	12	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	vs	6.1	0.88
100-42-5	Styrene	ND	vs	6.1	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		64-126
460-00-4	4-Bromofluorobenzene (Surr)	93		72-126
2037-26-5	Toluene-d8 (Surr)	111		71-125
1868-53-7	Dibromofluoromethane (Surr)	102		60-140

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: RI-MW-3 20-25' | Lab Sample ID: 480-240036-16

Matrix: Solid | Lab File ID: R5166.D

Analysis Method: EPA 8260D | Date Collected: 06/30/2026 00:00

Sample wt/vol: 5.14(g) | Date Analyzed: 07/03/2026 05:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 20.3 % Solids: 79.7 | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

8270E

Semivolatile Organic Compounds (GC/MS)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 1-3' | Lab Sample ID: 480-240036-1

Matrix: Solid | Lab File ID: V31750169.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 10:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.59(g) | Date Analyzed: 07/07/2026 08:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.9 % Solids: 81.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		2000	380	
108-60-1	bis (2-chloroisopropyl) ether	ND		2000	410	
95-95-4	2,4,5-Trichlorophenol	ND		2000	410	
88-06-2	2,4,6-Trichlorophenol	ND		2000	300	
120-83-2	2,4-Dichlorophenol	ND		2000	390	
105-67-9	2,4-Dimethylphenol	ND		2000	420	
51-28-5	2,4-Dinitrophenol	ND		20000	380	
121-14-2	2,4-Dinitrotoluene	ND		2000	270	
606-20-2	2,6-Dinitrotoluene	ND		2000	290	
91-58-7	2-Chloronaphthalene	ND		2000	370	
123-91-1	1,4-Dioxane	ND		1200	440	
95-57-8	2-Chlorophenol	ND		2000	310	
95-48-7	2-Methylphenol	ND		2000	320	
91-57-6	2-Methylnaphthalene	ND		2000	320	
88-74-4	2-Nitroaniline	ND		3900	340	
88-75-5	2-Nitrophenol	ND		2000	230	
91-94-1	3,3'-Dichlorobenzidine	ND		3900	590	
99-09-2	3-Nitroaniline	ND		3900	280	
534-52-1	4,6-Dinitro-2-methylphenol	ND		3900	440	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		2000	340	
59-50-7	4-Chloro-3-methylphenol	ND		2000	410	
106-47-8	4-Chloroaniline	ND		2000	290	
7005-72-3	4-Chlorophenyl phenyl ether	ND		2000	420	
106-44-5	4-Methylphenol	ND		3900	360	
100-01-6	4-Nitroaniline	ND		3900	290	
100-02-7	4-Nitrophenol	ND		3900	550	
83-32-9	Acenaphthene	ND		2000	370	
208-96-8	Acenaphthylene	ND		2000	390	
98-86-2	Acetophenone	ND		2000	350	
120-12-7	Anthracene	ND		2000	370	
1912-24-9	Atrazine	ND		2000	680	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 1-3' | Lab Sample ID: 480-240036-1

Matrix: Solid | Lab File ID: V31750169.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 10:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.59(g) | Date Analyzed: 07/07/2026 08:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.9 % Solids: 81.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		2000	1500
56-55-3	Benzo[a]anthracene	990	J	2000	280
50-32-8	Benzo[a]pyrene	970	J	2000	340
205-99-2	Benzo[b]fluoranthene	1400	J	2000	270
191-24-2	Benzo[g,h,i]perylene	660	J	2000	350
207-08-9	Benzo[k]fluoranthene	560	J	2000	450
111-91-1	Bis(2-chloroethoxy)methane	ND		2000	380
111-44-4	Bis(2-chloroethyl)ether	ND		2000	380
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2000	440
85-68-7	Butyl benzyl phthalate	ND		2000	370
105-60-2	Caprolactam	ND		2000	460
86-74-8	Carbazole	ND		2000	390
218-01-9	Chrysene	1100	J	2000	480
53-70-3	Dibenz(a,h)anthracene	ND		2000	410
84-74-2	Di-n-butyl phthalate	ND		2000	450
117-84-0	Di-n-octyl phthalate	ND		2000	380
132-64-9	Dibenzofuran	ND		2000	350
84-66-2	Diethyl phthalate	ND		2000	360
131-11-3	Dimethyl phthalate	ND		2000	390
206-44-0	Fluoranthene	2200		2000	370
86-73-7	Fluorene	ND		2000	370
118-74-1	Hexachlorobenzene	ND		2000	390
87-68-3	Hexachlorobutadiene	ND		2000	300
77-47-4	Hexachlorocyclopentadiene	ND		3900	880
67-72-1	Hexachloroethane	ND		2000	370
193-39-5	Indeno[1,2,3-cd]pyrene	570	J	2000	300
78-59-1	Isophorone	ND		2000	410
621-64-7	N-Nitrosodi-n-propylamine	ND		2000	450
86-30-6	N-Nitrosodiphenylamine	ND		2000	340
91-20-3	Naphthalene	ND		2000	330
98-95-3	Nitrobenzene	ND		2000	340

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 1-3' | Lab Sample ID: 480-240036-1

Matrix: Solid | Lab File ID: V31750169.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 10:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.59(g) | Date Analyzed: 07/07/2026 08:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.9 % Solids: 81.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		3900	640
85-01-8	Phenanthrene	730	J	2000	380
108-95-2	Phenol	ND		2000	370
129-00-0	Pyrene	1400	J	2000	380

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	83		22-120
4165-62-2	Phenol-d5 (Surr)	78		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	72		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	80		10-140
321-60-8	2-Fluorobiphenyl (Surr)	72		29-120
367-12-4	2-Fluorophenol (Surr)	82		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 1-3' | Lab Sample ID: 480-240036-1

Matrix: Solid | Lab File ID: V31750169.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 10:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.59(g) | Date Analyzed: 07/07/2026 08:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.9 % Solids: 81.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 5100

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~3.50~~	~~5100~~	~~T J~~	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5' | Lab Sample ID: 480-240036-2

Matrix: Solid | Lab File ID: V31750170.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 10:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.20(g) | Date Analyzed: 07/07/2026 09:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.1 % Solids: 84.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	37	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	40	
95-95-4	2,4,5-Trichlorophenol	ND		200	40	
88-06-2	2,4,6-Trichlorophenol	ND		200	30	
120-83-2	2,4-Dichlorophenol	ND		200	38	
105-67-9	2,4-Dimethylphenol	ND		200	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	28	
91-58-7	2-Chloronaphthalene	ND		200	37	
123-91-1	1,4-Dioxane	ND		120	43	
95-57-8	2-Chlorophenol	ND		200	31	
95-48-7	2-Methylphenol	ND		200	32	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		200	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	58	
99-09-2	3-Nitroaniline	ND		380	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	33	
59-50-7	4-Chloro-3-methylphenol	ND		200	40	
106-47-8	4-Chloroaniline	ND		200	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	41	
106-44-5	4-Methylphenol	86	J	380	35	
100-01-6	4-Nitroaniline	ND		380	29	
100-02-7	4-Nitrophenol	ND		380	54	
83-32-9	Acenaphthene	ND		200	37	
208-96-8	Acenaphthylene	ND		200	38	
98-86-2	Acetophenone	ND		200	35	
120-12-7	Anthracene	60	J	200	36	
1912-24-9	Atrazine	ND		200	67	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5' | Lab Sample ID: 480-240036-2

Matrix: Solid | Lab File ID: V31750170.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 10:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.20(g) | Date Analyzed: 07/07/2026 09:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.1 % Solids: 84.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	170	J	200	27
50-32-8	Benzo[a]pyrene	200		200	33
205-99-2	Benzo[b]fluoranthene	260		200	26
191-24-2	Benzo[g,h,i]perylene	140	J	200	34
207-08-9	Benzo[k]fluoranthene	99	J	200	44
111-91-1	Bis(2-chloroethoxy)methane	ND		200	38
111-44-4	Bis(2-chloroethyl)ether	ND		200	37
117-81-7	Bis(2-ethylhexyl) phthalate	ND		200	43
85-68-7	Butyl benzyl phthalate	ND		200	36
105-60-2	Caprolactam	ND		200	45
86-74-8	Carbazole	ND		200	39
218-01-9	Chrysene	260		200	47
53-70-3	Dibenz(a,h)anthracene	ND		200	40
84-74-2	Di-n-butyl phthalate	ND		200	44
117-84-0	Di-n-octyl phthalate	ND		200	37
132-64-9	Dibenzofuran	66	J	200	35
84-66-2	Diethyl phthalate	ND		200	35
131-11-3	Dimethyl phthalate	ND		200	38
206-44-0	Fluoranthene	380		200	36
86-73-7	Fluorene	45	J	200	36
118-74-1	Hexachlorobenzene	ND		200	38
87-68-3	Hexachlorobutadiene	ND		200	29
77-47-4	Hexachlorocyclopentadiene	ND		380	86
67-72-1	Hexachloroethane	ND		200	36
193-39-5	Indeno[1,2,3-cd]pyrene	110	J	200	29
78-59-1	Isophorone	160	J	200	40
621-64-7	N-Nitrosodi-n-propylamine	ND		200	44
86-30-6	N-Nitrosodiphenylamine	ND		200	33
91-20-3	Naphthalene	ND		200	33
98-95-3	Nitrobenzene	ND		200	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5' | Lab Sample ID: 480-240036-2

Matrix: Solid | Lab File ID: V31750170.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 10:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.20(g) | Date Analyzed: 07/07/2026 09:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.1 % Solids: 84.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	63
85-01-8	Phenanthrene	84	J	200	37
108-95-2	Phenol	ND		200	36
129-00-0	Pyrene	300		200	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	90		22-120
4165-62-2	Phenol-d5 (Surr)	85		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	83		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	88		10-140
321-60-8	2-Fluorobiphenyl (Surr)	88		29-120
367-12-4	2-Fluorophenol (Surr)	84		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5' | Lab Sample ID: 480-240036-2

Matrix: Solid | Lab File ID: V31750170.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 10:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.20(g) | Date Analyzed: 07/07/2026 09:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.1 % Solids: 84.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 20 | TIC Result Total: 16690

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	5200	T J	
14676-29-0	Heptane, 3-ethyl-2-methyl-	4.90	420	T J N	91%
	Unknown	5.16	380	T J	
17302-28-2	Nonane, 2,6-dimethyl-	5.80	510	T J N	91%
493-02-7	Naphthalene, decahydro-, trans-	6.22	750	T J N	94%
	Unknown	6.39	490	T J	
2958-76-1	Naphthalene, decahydro-2-methyl-	6.87	840	T J N	90%
17301-23-4	Undecane, 2,6-dimethyl-	7.44	990	T J N	95%
	Unknown	7.50	450	T J	
	Unknown	7.54	390	T J	
	Unknown	7.68	520	T J	
	Unknown	7.76	600	T J	
	Unknown	7.85	1100	T J	
	Unknown	7.97	640	T J	
	Unknown	8.05	570	T J	
	Unknown	8.18	520	T J	
	Unknown	8.29	430	T J	
	Unknown	8.41	390	T J	
	Unknown	8.74	840	T J	
1795-15-9	Cyclohexane, octyl-	9.09	660	T J N	87%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6' | Lab Sample ID: 480-240036-3

Matrix: Solid | Lab File ID: V31750180.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 10:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.79(g) | Date Analyzed: 07/07/2026 13:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 17.8 % Solids: 82.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		980	180	
108-60-1	bis (2-chloroisopropyl) ether	ND		980	200	
95-95-4	2,4,5-Trichlorophenol	ND		980	200	
88-06-2	2,4,6-Trichlorophenol	ND		980	150	
120-83-2	2,4-Dichlorophenol	ND		980	190	
105-67-9	2,4-Dimethylphenol	ND		980	210	
51-28-5	2,4-Dinitrophenol	ND		9600	190	
121-14-2	2,4-Dinitrotoluene	ND		980	130	
606-20-2	2,6-Dinitrotoluene	ND		980	140	
91-58-7	2-Chloronaphthalene	ND		980	180	
123-91-1	1,4-Dioxane	ND		580	220	
95-57-8	2-Chlorophenol	ND		980	150	
95-48-7	2-Methylphenol	ND		980	160	
91-57-6	2-Methylnaphthalene	ND		980	150	
88-74-4	2-Nitroaniline	ND		1900	170	
88-75-5	2-Nitrophenol	ND		980	110	
91-94-1	3,3'-Dichlorobenzidine	ND		1900	290	
99-09-2	3-Nitroaniline	ND		1900	140	
534-52-1	4,6-Dinitro-2-methylphenol	ND		1900	210	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		980	170	
59-50-7	4-Chloro-3-methylphenol	ND		980	200	
106-47-8	4-Chloroaniline	ND		980	140	
7005-72-3	4-Chlorophenyl phenyl ether	ND		980	210	
106-44-5	4-Methylphenol	ND		1900	180	
100-01-6	4-Nitroaniline	ND		1900	140	
100-02-7	4-Nitrophenol	ND		1900	270	
83-32-9	Acenaphthene	ND		980	180	
208-96-8	Acenaphthylene	ND		980	190	
98-86-2	Acetophenone	ND		980	170	
120-12-7	Anthracene	ND		980	180	
1912-24-9	Atrazine	ND		980	330	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6' | Lab Sample ID: 480-240036-3

Matrix: Solid | Lab File ID: V31750180.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 10:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.79(g) | Date Analyzed: 07/07/2026 13:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 17.8 % Solids: 82.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		980	750
56-55-3	Benzo[a]anthracene	ND		980	130
50-32-8	Benzo[a]pyrene	ND		980	170
205-99-2	Benzo[b]fluoranthene	ND		980	130
191-24-2	Benzo[g,h,i]perylene	ND		980	170
207-08-9	Benzo[k]fluoranthene	ND		980	220
111-91-1	Bis(2-chloroethoxy)methane	ND		980	190
111-44-4	Bis(2-chloroethyl)ether	ND		980	180
117-81-7	Bis(2-ethylhexyl) phthalate	ND		980	210
85-68-7	Butyl benzyl phthalate	ND		980	180
105-60-2	Caprolactam	ND		980	230
86-74-8	Carbazole	ND		980	190
218-01-9	Chrysene	ND		980	240
53-70-3	Dibenz(a,h)anthracene	ND		980	200
84-74-2	Di-n-butyl phthalate	ND		980	220
117-84-0	Di-n-octyl phthalate	ND		980	190
132-64-9	Dibenzofuran	ND		980	170
84-66-2	Diethyl phthalate	ND		980	180
131-11-3	Dimethyl phthalate	ND		980	190
206-44-0	Fluoranthene	ND		980	180
86-73-7	Fluorene	ND		980	180
118-74-1	Hexachlorobenzene	ND		980	190
87-68-3	Hexachlorobutadiene	ND		980	150
77-47-4	Hexachlorocyclopentadiene	ND		1900	430
67-72-1	Hexachloroethane	ND		980	180
193-39-5	Indeno[1,2,3-cd]pyrene	ND		980	150
78-59-1	Isophorone	ND		980	200
621-64-7	N-Nitrosodi-n-propylamine	ND		980	220
86-30-6	N-Nitrosodiphenylamine	ND		980	160
91-20-3	Naphthalene	ND		980	160
98-95-3	Nitrobenzene	ND		980	160

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6' | Lab Sample ID: 480-240036-3

Matrix: Solid | Lab File ID: V31750180.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 10:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.79(g) | Date Analyzed: 07/07/2026 13:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 17.8 % Solids: 82.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		1900	310
85-01-8	Phenanthrene	ND		980	180
108-95-2	Phenol	ND		980	180
129-00-0	Pyrene	ND		980	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	98		22-120
4165-62-2	Phenol-d5 (Surr)	92		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	91		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	93		10-140
321-60-8	2-Fluorobiphenyl (Surr)	93		29-120
367-12-4	2-Fluorophenol (Surr)	91		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6' | Lab Sample ID: 480-240036-3

Matrix: Solid | Lab File ID: V31750180.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 10:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.79(g) | Date Analyzed: 07/07/2026 13:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 17.8 % Solids: 82.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 3 | TIC Result Total: 7440

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.74	860	T J	
	~~Unknown~~	~~3.50~~	~~5700~~	~~T J~~	
	Unknown	16.97	880	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 1-3' | Lab Sample ID: 480-240036-4

Matrix: Solid | Lab File ID: V31750181.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 09:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.12(g) | Date Analyzed: 07/07/2026 13:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.8 % Solids: 86.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		2000	370	
108-60-1	bis (2-chloroisopropyl) ether	ND		2000	400	
95-95-4	2,4,5-Trichlorophenol	ND		2000	390	
88-06-2	2,4,6-Trichlorophenol	ND		2000	300	
120-83-2	2,4-Dichlorophenol	ND		2000	380	
105-67-9	2,4-Dimethylphenol	ND		2000	410	
51-28-5	2,4-Dinitrophenol	ND		19000	370	
121-14-2	2,4-Dinitrotoluene	ND		2000	260	
606-20-2	2,6-Dinitrotoluene	ND		2000	280	
91-58-7	2-Chloronaphthalene	ND		2000	360	
123-91-1	1,4-Dioxane	ND		1200	430	
95-57-8	2-Chlorophenol	ND		2000	300	
95-48-7	2-Methylphenol	ND		2000	320	
91-57-6	2-Methylnaphthalene	ND		2000	310	
88-74-4	2-Nitroaniline	ND		3800	330	
88-75-5	2-Nitrophenol	ND		2000	220	
91-94-1	3,3'-Dichlorobenzidine	ND		3800	570	
99-09-2	3-Nitroaniline	ND		3800	280	
534-52-1	4,6-Dinitro-2-methylphenol	ND		3800	430	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		2000	330	
59-50-7	4-Chloro-3-methylphenol	ND		2000	400	
106-47-8	4-Chloroaniline	ND		2000	280	
7005-72-3	4-Chlorophenyl phenyl ether	ND		2000	410	
106-44-5	4-Methylphenol	ND		3800	350	
100-01-6	4-Nitroaniline	ND		3800	290	
100-02-7	4-Nitrophenol	ND		3800	530	
83-32-9	Acenaphthene	ND		2000	360	
208-96-8	Acenaphthylene	ND		2000	370	
98-86-2	Acetophenone	ND		2000	340	
120-12-7	Anthracene	ND		2000	360	
1912-24-9	Atrazine	ND		2000	660	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 1-3' | Lab Sample ID: 480-240036-4

Matrix: Solid | Lab File ID: V31750181.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 09:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.12(g) | Date Analyzed: 07/07/2026 13:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.8 % Solids: 86.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		2000	1500
56-55-3	Benzo[a]anthracene	740	J	2000	270
50-32-8	Benzo[a]pyrene	830	J	2000	330
205-99-2	Benzo[b]fluoranthene	1100	J	2000	260
191-24-2	Benzo[g,h,i]perylene	660	J	2000	340
207-08-9	Benzo[k]fluoranthene	520	J	2000	440
111-91-1	Bis(2-chloroethoxy)methane	ND		2000	370
111-44-4	Bis(2-chloroethyl)ether	ND		2000	370
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2000	420
85-68-7	Butyl benzyl phthalate	ND		2000	360
105-60-2	Caprolactam	ND		2000	450
86-74-8	Carbazole	ND		2000	380
218-01-9	Chrysene	840	J	2000	470
53-70-3	Dibenz(a,h)anthracene	ND		2000	390
84-74-2	Di-n-butyl phthalate	ND		2000	440
117-84-0	Di-n-octyl phthalate	ND		2000	370
132-64-9	Dibenzofuran	ND		2000	340
84-66-2	Diethyl phthalate	ND		2000	350
131-11-3	Dimethyl phthalate	ND		2000	380
206-44-0	Fluoranthene	1600	J	2000	350
86-73-7	Fluorene	ND		2000	360
118-74-1	Hexachlorobenzene	ND		2000	380
87-68-3	Hexachlorobutadiene	ND		2000	290
77-47-4	Hexachlorocyclopentadiene	ND		3800	850
67-72-1	Hexachloroethane	ND		2000	360
193-39-5	Indeno[1,2,3-cd]pyrene	630	J	2000	290
78-59-1	Isophorone	ND		2000	400
621-64-7	N-Nitrosodi-n-propylamine	ND		2000	440
86-30-6	N-Nitrosodiphenylamine	ND		2000	330
91-20-3	Naphthalene	ND		2000	320
98-95-3	Nitrobenzene	ND		2000	330

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 1-3' | Lab Sample ID: 480-240036-4

Matrix: Solid | Lab File ID: V31750181.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 09:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.12(g) | Date Analyzed: 07/07/2026 13:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.8 % Solids: 86.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		3800	620
85-01-8	Phenanthrene	790	J	2000	360
108-95-2	Phenol	ND		2000	350
129-00-0	Pyrene	1100	J	2000	370

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	98		22-120
4165-62-2	Phenol-d5 (Surr)	91		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	92		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	100		10-140
321-60-8	2-Fluorobiphenyl (Surr)	93		29-120
367-12-4	2-Fluorophenol (Surr)	88		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 1-3' | Lab Sample ID: 480-240036-4

Matrix: Solid | Lab File ID: V31750181.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 09:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.12(g) | Date Analyzed: 07/07/2026 13:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.8 % Solids: 86.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 5400

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.50	5400	T J	

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GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 4-6' | Lab Sample ID: 480-240036-5

Matrix: Solid | Lab File ID: V31750151.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 09:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.37(g) | Date Analyzed: 07/07/2026 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.9 % Solids: 84.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	37	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	40	
95-95-4	2,4,5-Trichlorophenol	ND		200	40	
88-06-2	2,4,6-Trichlorophenol	ND		200	30	
120-83-2	2,4-Dichlorophenol	ND		200	38	
105-67-9	2,4-Dimethylphenol	ND		200	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	28	
91-58-7	2-Chloronaphthalene	ND		200	37	
123-91-1	1,4-Dioxane	ND		120	43	
95-57-8	2-Chlorophenol	ND		200	31	
95-48-7	2-Methylphenol	ND		200	32	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		200	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	57	
99-09-2	3-Nitroaniline	ND		380	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	33	
59-50-7	4-Chloro-3-methylphenol	ND		200	40	
106-47-8	4-Chloroaniline	ND		200	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	41	
106-44-5	4-Methylphenol	ND		380	35	
100-01-6	4-Nitroaniline	ND		380	29	
100-02-7	4-Nitrophenol	ND		380	54	
83-32-9	Acenaphthene	ND		200	36	
208-96-8	Acenaphthylene	ND		200	38	
98-86-2	Acetophenone	ND		200	35	
120-12-7	Anthracene	ND		200	36	
1912-24-9	Atrazine	ND		200	66	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 4-6' | Lab Sample ID: 480-240036-5

Matrix: Solid | Lab File ID: V31750151.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 09:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.37(g) | Date Analyzed: 07/07/2026 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.9 % Solids: 84.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	72	J	200	27
50-32-8	Benzo[a]pyrene	100	J	200	33
205-99-2	Benzo[b]fluoranthene	150	J	200	26
191-24-2	Benzo[g,h,i]perylene	100	J	200	34
207-08-9	Benzo[k]fluoranthene	57	J	200	44
111-91-1	Bis(2-chloroethoxy)methane	ND		200	38
111-44-4	Bis(2-chloroethyl)ether	ND		200	37
117-81-7	Bis(2-ethylhexyl) phthalate	62	J	200	43
85-68-7	Butyl benzyl phthalate	ND		200	36
105-60-2	Caprolactam	ND		200	45
86-74-8	Carbazole	ND		200	39
218-01-9	Chrysene	91	J	200	47
53-70-3	Dibenz(a,h)anthracene	ND		200	40
84-74-2	Di-n-butyl phthalate	ND		200	44
117-84-0	Di-n-octyl phthalate	ND		200	37
132-64-9	Dibenzofuran	ND		200	35
84-66-2	Diethyl phthalate	ND		200	35
131-11-3	Dimethyl phthalate	ND		200	38
206-44-0	Fluoranthene	150	J	200	36
86-73-7	Fluorene	ND		200	36
118-74-1	Hexachlorobenzene	ND		200	38
87-68-3	Hexachlorobutadiene	ND		200	29
77-47-4	Hexachlorocyclopentadiene	ND		380	86
67-72-1	Hexachloroethane	ND		200	36
193-39-5	Indeno[1,2,3-cd]pyrene	80	J	200	29
78-59-1	Isophorone	ND		200	40
621-64-7	N-Nitrosodi-n-propylamine	ND		200	44
86-30-6	N-Nitrosodiphenylamine	ND		200	33
91-20-3	Naphthalene	ND		200	33
98-95-3	Nitrobenzene	ND		200	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 4-6' | Lab Sample ID: 480-240036-5

Matrix: Solid | Lab File ID: V31750151.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 09:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.37(g) | Date Analyzed: 07/07/2026 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.9 % Solids: 84.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	63
85-01-8	Phenanthrene	61	J	200	37
108-95-2	Phenol	ND		200	36
129-00-0	Pyrene	110	J	200	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	91		22-120
4165-62-2	Phenol-d5 (Surr)	89		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	95		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	82		10-140
321-60-8	2-Fluorobiphenyl (Surr)	89		29-120
367-12-4	2-Fluorophenol (Surr)	87		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 4-6' | Lab Sample ID: 480-240036-5

Matrix: Solid | Lab File ID: V31750151.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 09:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.37(g) | Date Analyzed: 07/07/2026 01:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.9 % Solids: 84.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 8 | TIC Result Total: 7290

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.74	220	T J	
	Unknown	3.26	170	T J	
	Unknown	3.49	5900	T J	
	Unknown	11.14	170	T J	
4860-03-1	Hexadecane, 1-chloro-	13.26	210	T J N	90%
629-92-5	Nonadecane	13.79	230	T J N	95%
638-68-6	Triacontane	14.29	160	T J N	94%
1000151-22-6	Cyclodocosane, ethyl-	14.32	230	T J N	98%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' | Lab Sample ID: 480-240036-6

Matrix: Solid | Lab File ID: V31750182.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 14:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 30.2 % Solids: 69.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	720	J	2400	450	
108-60-1	bis (2-chloroisopropyl) ether	ND		2400	490	
95-95-4	2,4,5-Trichlorophenol	ND		2400	490	
88-06-2	2,4,6-Trichlorophenol	ND		2400	370	
120-83-2	2,4-Dichlorophenol	ND		2400	470	
105-67-9	2,4-Dimethylphenol	ND		2400	510	
51-28-5	2,4-Dinitrophenol	ND		24000	460	
121-14-2	2,4-Dinitrotoluene	ND		2400	330	
606-20-2	2,6-Dinitrotoluene	ND		2400	350	
91-58-7	2-Chloronaphthalene	ND		2400	450	
123-91-1	1,4-Dioxane	ND		1400	530	
95-57-8	2-Chlorophenol	ND		2400	380	
95-48-7	2-Methylphenol	ND		2400	390	
91-57-6	2-Methylnaphthalene	2000	J	2400	380	
88-74-4	2-Nitroaniline	ND		4700	410	
88-75-5	2-Nitrophenol	ND		2400	270	
91-94-1	3,3'-Dichlorobenzidine	ND		4700	710	
99-09-2	3-Nitroaniline	ND		4700	340	
534-52-1	4,6-Dinitro-2-methylphenol	ND		4700	530	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		2400	410	
59-50-7	4-Chloro-3-methylphenol	ND		2400	500	
106-47-8	4-Chloroaniline	ND		2400	350	
7005-72-3	4-Chlorophenyl phenyl ether	ND		2400	510	
106-44-5	4-Methylphenol	500	J	4700	430	
100-01-6	4-Nitroaniline	ND		4700	350	
100-02-7	4-Nitrophenol	ND		4700	660	
83-32-9	Acenaphthene	2500		2400	450	
208-96-8	Acenaphthylene	9100		2400	460	
98-86-2	Acetophenone	ND		2400	430	
120-12-7	Anthracene	10000		2400	450	
1912-24-9	Atrazine	ND		2400	820	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' | Lab Sample ID: 480-240036-6

Matrix: Solid | Lab File ID: V31750182.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 14:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 30.2 % Solids: 69.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-52-7	Benzaldehyde	ND		2400	1800	
56-55-3	Benzo[a]anthracene	53000		2400	330	
50-32-8	Benzo[a]pyrene	47000		2400	410	
205-99-2	Benzo[b]fluoranthene	64000		2400	320	
191-24-2	Benzo[g,h,i]perylene	26000		2400	420	
207-08-9	Benzo[k]fluoranthene	28000		2400	540	
111-91-1	Bis(2-chloroethoxy)methane	ND		2400	460	
111-44-4	Bis(2-chloroethyl)ether	ND		2400	460	
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2400	530	
85-68-7	Butyl benzyl phthalate	ND		2400	450	
105-60-2	Caprolactam	ND		2400	560	
86-74-8	Carbazole	11000		2400	470	
218-01-9	Chrysene	64000		2400	580	
53-70-3	Dibenz(a,h)anthracene	9200		2400	490	
84-74-2	Di-n-butyl phthalate	ND		2400	540	
117-84-0	Di-n-octyl phthalate	ND		2400	460	
132-64-9	Dibenzofuran	6500		2400	430	
84-66-2	Diethyl phthalate	ND		2400	430	
131-11-3	Dimethyl phthalate	ND		2400	470	
206-44-0	*Fluoranthene*	*170000*	*E*	*2400*	*440*	J
86-73-7	Fluorene	8900		2400	440	
118-74-1	Hexachlorobenzene	ND		2400	470	
87-68-3	Hexachlorobutadiene	ND		2400	360	
77-47-4	Hexachlorocyclopentadiene	ND		4700	1100	
67-72-1	Hexachloroethane	ND		2400	440	
193-39-5	Indeno[1,2,3-cd]pyrene	28000		2400	360	
78-59-1	Isophorone	ND		2400	500	
621-64-7	N-Nitrosodi-n-propylamine	ND		2400	540	
86-30-6	N-Nitrosodiphenylamine	ND		2400	400	
91-20-3	Naphthalene	3800		2400	400	
98-95-3	Nitrobenzene	ND		2400	410	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' | Lab Sample ID: 480-240036-6

Matrix: Solid | Lab File ID: V31750182.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 14:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 30.2 % Solids: 69.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
87-86-5	Pentachlorophenol	ND		4700	770	
85-01-8	*Phenanthrene*	*120000*	*E*	*2400*	*450*	J
108-95-2	Phenol	ND		2400	440	
129-00-0	*Pyrene*	*110000*	*E*	*2400*	*460*	J

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	96		22-120
4165-62-2	Phenol-d5 (Surr)	91		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	89		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	93		10-140
321-60-8	2-Fluorobiphenyl (Surr)	87		29-120
367-12-4	2-Fluorophenol (Surr)	89		18-120

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' | Lab Sample ID: 480-240036-6

Matrix: Solid | Lab File ID: V31750182.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 14:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 30.2 % Solids: 69.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 20 | TIC Result Total: 246600

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~3.50~~	~~7500~~	~~T J~~	
486-25-9	9H-Fluoren-9-one	10.77	6300	T J N	95%
132-65-0	Dibenzothiophene	10.86	7000	T J N	96%
613-12-7	Anthracene, 2-methyl-	11.46	14000	T J N	96%
610-48-0	Anthracene, 1-methyl-	11.49	22000	T J N	96%
	Unknown	11.56	21000	T J	
2531-84-2	Phenanthrene, 2-methyl-	11.59	11000	T J N	96%
84-65-1	9,10-Anthracenedione	11.76	32000	T J N	99%
3674-66-6	Phenanthrene, 2,5-dimethyl-	11.98	7800	T J N	98%
5737-13-3	Cyclopenta(def)phenanthrenone	12.05	14000	T J N	95%
	Unknown	14.11	6600	T J	
205-82-3	Benzo[j]fluoranthene	14.31	7700	T J N	95%
	Unknown	14.39	6600	T J	
192-97-2	Benzo[e]pyrene	14.45	36000	T J N	98%
198-55-0	Perylene	14.56	16000	T J N	99%
	Unknown	15.36	6600	T J	
	Unknown	15.39	5600	T J	
	Unknown	15.58	5500	T J	
226-88-0	Benzo[a]naphthacene	15.62	5000	T J N	89%
191-26-4	Dibenzo[def,mno]chrysene	15.89	8400	T J N	94%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' DL | Lab Sample ID: 480-240036-6 DL

Matrix: Solid | Lab File ID: V31750289.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.06(g) | Date Analyzed: 07/09/2026 09:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 30.2 % Solids: 69.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	*Biphenyl*	*ND*		*12000*	*2300*
108-60-1	*bis (2-chloroisopropyl) ether*	*ND*		*12000*	*2500*
95-95-4	*2,4,5-Trichlorophenol*	*ND*		*12000*	*2400*
88-06-2	*2,4,6-Trichlorophenol*	*ND*		*12000*	*1800*
120-83-2	*2,4-Dichlorophenol*	*ND*		*12000*	*2400*
105-67-9	*2,4-Dimethylphenol*	*ND*		*12000*	*2500*
51-28-5	*2,4-Dinitrophenol*	*ND*		*120000*	*2300*
121-14-2	*2,4-Dinitrotoluene*	*ND*		*12000*	*1600*
606-20-2	*2,6-Dinitrotoluene*	*ND*		*12000*	*1700*
91-58-7	*2-Chloronaphthalene*	*ND*		*12000*	*2200*
123-91-1	*1,4-Dioxane*	*ND*		*7100*	*2700*
95-57-8	*2-Chlorophenol*	*ND*		*12000*	*1900*
95-48-7	*2-Methylphenol*	*ND*		*12000*	*2000*
91-57-6	*2-Methylnaphthalene*	*ND*		*12000*	*1900*
88-74-4	*2-Nitroaniline*	*ND*		*24000*	*2000*
88-75-5	*2-Nitrophenol*	*ND*		*12000*	*1400*
91-94-1	*3,3'-Dichlorobenzidine*	*ND*		*24000*	*3500*
99-09-2	*3-Nitroaniline*	*ND*		*24000*	*1700*
534-52-1	*4,6-Dinitro-2-methylphenol*	*ND*		*24000*	*2600*
101-55-3	*4-Bromophenyl phenyl ether*	*ND*		*12000*	*2000*
59-50-7	*4-Chloro-3-methylphenol*	*ND*		*12000*	*2500*
106-47-8	*4-Chloroaniline*	*ND*		*12000*	*1700*
7005-72-3	*4-Chlorophenyl phenyl ether*	*ND*		*12000*	*2500*
106-44-5	*4-Methylphenol*	*ND*		*24000*	*2200*
100-01-6	*4-Nitroaniline*	*ND*		*24000*	*1800*
100-02-7	*4-Nitrophenol*	*ND*		*24000*	*3300*
83-32-9	*Acenaphthene*	*2700*	*J*	*12000*	*2200*
208-96-8	*Acenaphthylene*	*13000*		*12000*	*2300*
98-86-2	*Acetophenone*	*ND*		*12000*	*2100*
120-12-7	*Anthracene*	*11000*	*J*	*12000*	*2200*
1912-24-9	*Atrazine*	*ND*		*12000*	*4100*

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' DL | Lab Sample ID: 480-240036-6 DL

Matrix: Solid | Lab File ID: V31750289.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.06(g) | Date Analyzed: 07/09/2026 09:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 30.2 % Solids: 69.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		12000	9200
56-55-3	Benzo[a]anthracene	49000		12000	1700
50-32-8	Benzo[a]pyrene	45000		12000	2100
205-99-2	Benzo[b]fluoranthene	66000		12000	1600
191-24-2	Benzo[g,h,i]perylene	19000		12000	2100
207-08-9	Benzo[k]fluoranthene	29000		12000	2700
111-91-1	Bis(2-chloroethoxy)methane	ND		12000	2300
111-44-4	Bis(2-chloroethyl)ether	ND		12000	2300
117-81-7	Bis(2-ethylhexyl) phthalate	ND		12000	2600
85-68-7	Butyl benzyl phthalate	ND		12000	2200
105-60-2	Caprolactam	ND		12000	2800
86-74-8	Carbazole	11000	J	12000	2400
218-01-9	Chrysene	59000		12000	2900
53-70-3	Dibenz(a,h)anthracene	6900	J	12000	2400
84-74-2	Di-n-butyl phthalate	ND		12000	2700
117-84-0	Di-n-octyl phthalate	ND		12000	2300
132-64-9	Dibenzofuran	6100	J	12000	2100
84-66-2	Diethyl phthalate	ND		12000	2200
131-11-3	Dimethyl phthalate	ND		12000	2300
206-44-0	Fluoranthene	200000		12000	2200
86-73-7	Fluorene	8600	J	12000	2200
118-74-1	Hexachlorobenzene	ND		12000	2300
87-68-3	Hexachlorobutadiene	ND		12000	1800
77-47-4	Hexachlorocyclopentadiene	ND		24000	5300
67-72-1	Hexachloroethane	ND		12000	2200
193-39-5	Indeno[1,2,3-cd]pyrene	21000		12000	1800
78-59-1	Isophorone	ND		12000	2500
621-64-7	N-Nitrosodi-n-propylamine	ND		12000	2700
86-30-6	N-Nitrosodiphenylamine	ND		12000	2000
91-20-3	Naphthalene	3600	J	12000	2000
98-95-3	Nitrobenzene	ND		12000	2000

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' DL | Lab Sample ID: 480-240036-6 DL

Matrix: Solid | Lab File ID: V31750289.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.06(g) | Date Analyzed: 07/09/2026 09:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 30.2 % Solids: 69.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	*Pentachlorophenol*	*ND*		*24000*	*3800*
85-01-8	Phenanthrene	110000		12000	2300
108-95-2	*Phenol*	*ND*		*12000*	*2200*
129-00-0	Pyrene	100000		12000	2300

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	146	S1+	22-120
4165-62-2	Phenol-d5 (Surr)	108		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	77		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	172	S1+	10-140
321-60-8	2-Fluorobiphenyl (Surr)	82		29-120
367-12-4	2-Fluorophenol (Surr)	113		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' DL | Lab Sample ID: 480-240036-6 DL

Matrix: Solid | Lab File ID: V31750289.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.06(g) | Date Analyzed: 07/09/2026 09:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 30.2 % Solids: 69.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 9 | TIC Result Total: 166500

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
613-12-7	Anthracene, 2-methyl-	11.47	15000	T J N	96%
2531-84-2	Phenanthrene, 2-methyl-	11.49	20000	T J N	96%
203-64-5	4H-Cyclopenta[def]phenanthrene	11.56	21000	T J N	89%
832-69-9	Phenanthrene, 1-methyl-	11.59	11000	T J N	95%
84-65-1	9,10-Anthracenedione	11.76	34000	T J N	98%
5737-13-3	Cyclopenta(def)phenanthrenone	12.05	14000	T J N	97%
27208-37-3	Cyclopenta[cd]pyrene	13.19	10000	T J N	95%
82-05-3	7H-Benz[de]anthracen-7-one	13.23	9500	T J N	93%
192-97-2	Benzo[e]pyrene	14.45	32000	T J N	94%

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 4-6' | Lab Sample ID: 480-240036-7

Matrix: Solid | Lab File ID: V31750152.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.53(g) | Date Analyzed: 07/07/2026 02:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.7 % Solids: 84.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND	F2	190	36	
108-60-1	bis (2-chloroisopropyl) ether	ND	F2	190	40	
95-95-4	2,4,5-Trichlorophenol	ND		190	39	
88-06-2	2,4,6-Trichlorophenol	ND		190	29	
120-83-2	2,4-Dichlorophenol	ND	F2	190	38	
105-67-9	2,4-Dimethylphenol	ND		190	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	
121-14-2	2,4-Dinitrotoluene	ND		190	26	
606-20-2	2,6-Dinitrotoluene	ND		190	28	
91-58-7	2-Chloronaphthalene	ND		190	36	
123-91-1	1,4-Dioxane	ND	F2	110	43	
95-57-8	2-Chlorophenol	ND	F2	190	30	
95-48-7	2-Methylphenol	ND		190	31	
91-57-6	2-Methylnaphthalene	ND	F2	190	30	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND	F2	190	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	57	
99-09-2	3-Nitroaniline	ND		380	27	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		190	33	
59-50-7	4-Chloro-3-methylphenol	ND		190	40	
106-47-8	4-Chloroaniline	ND		190	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		190	41	
106-44-5	4-Methylphenol	ND	F2	380	35	
100-01-6	4-Nitroaniline	ND		380	28	
100-02-7	4-Nitrophenol	ND		380	53	
83-32-9	Acenaphthene	ND		190	36	
208-96-8	Acenaphthylene	ND		190	37	
98-86-2	Acetophenone	ND	F2	190	34	
120-12-7	Anthracene	ND		190	36	
1912-24-9	Atrazine	ND		190	66	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 4-6' | Lab Sample ID: 480-240036-7

Matrix: Solid | Lab File ID: V31750152.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.53(g) | Date Analyzed: 07/07/2026 02:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.7 % Solids: 84.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-52-7	Benzaldehyde	ND	F2	190	150	
56-55-3	Benzo[a]anthracene	ND	F2 F1	190	27	UJ
50-32-8	Benzo[a]pyrene	ND	F2 F1	190	33	UJ
205-99-2	Benzo[b]fluoranthene	ND	F2	190	26	
191-24-2	Benzo[g,h,i]perylene	ND		190	34	
207-08-9	Benzo[k]fluoranthene	ND		190	43	
111-91-1	Bis(2-chloroethoxy)methane	ND	F2	190	37	
111-44-4	Bis(2-chloroethyl)ether	ND	F2	190	37	
117-81-7	Bis(2-ethylhexyl) phthalate	56	J	190	42	
85-68-7	Butyl benzyl phthalate	ND		190	36	
105-60-2	Caprolactam	ND		190	45	
86-74-8	Carbazole	ND		190	38	
218-01-9	Chrysene	ND	F2 F1	190	47	UJ
53-70-3	Dibenz(a,h)anthracene	ND		190	39	
84-74-2	Di-n-butyl phthalate	ND		190	43	
117-84-0	Di-n-octyl phthalate	ND		190	37	
132-64-9	Dibenzofuran	ND		190	34	
84-66-2	Diethyl phthalate	ND		190	35	
131-11-3	Dimethyl phthalate	ND		190	37	
206-44-0	Fluoranthene	ND	F2 F1	190	35	UJ
86-73-7	Fluorene	ND		190	36	
118-74-1	Hexachlorobenzene	ND		190	37	
87-68-3	Hexachlorobutadiene	ND		190	29	
77-47-4	Hexachlorocyclopentadiene	ND		380	85	
67-72-1	Hexachloroethane	ND		190	35	
193-39-5	Indeno[1,2,3-cd]pyrene	ND		190	29	
78-59-1	Isophorone	ND	F2	190	40	
621-64-7	N-Nitrosodi-n-propylamine	ND		190	43	
86-30-6	N-Nitrosodiphenylamine	ND		190	32	
91-20-3	Naphthalene	ND	F2	190	32	
98-95-3	Nitrobenzene	ND	F2	190	33	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 4-6' | Lab Sample ID: 480-240036-7

Matrix: Solid | Lab File ID: V31750152.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.53(g) | Date Analyzed: 07/07/2026 02:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.7 % Solids: 84.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
87-86-5	Pentachlorophenol	ND		380	62	
85-01-8	Phenanthrene	ND	F2 F1	190	36	UJ
108-95-2	Phenol	ND		190	35	
129-00-0	Pyrene	ND	F1	190	37	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	79		22-120
4165-62-2	Phenol-d5 (Surr)	80		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	89		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	76		10-140
321-60-8	2-Fluorobiphenyl (Surr)	82		29-120
367-12-4	2-Fluorophenol (Surr)	77		18-120

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 4-6' | Lab Sample ID: 480-240036-7

Matrix: Solid | Lab File ID: V31750152.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.53(g) | Date Analyzed: 07/07/2026 02:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.7 % Solids: 84.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 6 | TIC Result Total: 12190

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.00	6400	T J	
	Unknown	3.49	5100	T J	
629-78-7	Heptadecane	10.45	200	T J N	93%
629-92-5	Nonadecane	11.33	150	T J N	96%
629-97-0	Docosane	13.26	170	T J N	87%
7098-22-8	Tetratetracontane	13.79	170	T J N	90%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3' | Lab Sample ID: 480-240036-8

Matrix: Solid | Lab File ID: V31750183.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.12(g) | Date Analyzed: 07/07/2026 14:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.6 % Solids: 81.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		1000	190	
108-60-1	bis (2-chloroisopropyl) ether	ND		1000	210	
95-95-4	2,4,5-Trichlorophenol	ND		1000	210	
88-06-2	2,4,6-Trichlorophenol	ND		1000	160	
120-83-2	2,4-Dichlorophenol	ND		1000	200	
105-67-9	2,4-Dimethylphenol	ND		1000	220	
51-28-5	2,4-Dinitrophenol	ND		10000	200	
121-14-2	2,4-Dinitrotoluene	ND		1000	140	
606-20-2	2,6-Dinitrotoluene	ND		1000	150	
91-58-7	2-Chloronaphthalene	ND		1000	190	
123-91-1	1,4-Dioxane	ND		610	230	
95-57-8	2-Chlorophenol	ND		1000	160	
95-48-7	2-Methylphenol	ND		1000	170	
91-57-6	2-Methylnaphthalene	ND		1000	160	
88-74-4	2-Nitroaniline	ND		2000	170	
88-75-5	2-Nitrophenol	ND		1000	120	
91-94-1	3,3'-Dichlorobenzidine	ND		2000	300	
99-09-2	3-Nitroaniline	ND		2000	150	
534-52-1	4,6-Dinitro-2-methylphenol	ND		2000	230	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		1000	170	
59-50-7	4-Chloro-3-methylphenol	ND		1000	210	
106-47-8	4-Chloroaniline	ND		1000	150	
7005-72-3	4-Chlorophenyl phenyl ether	ND		1000	220	
106-44-5	4-Methylphenol	ND		2000	180	
100-01-6	4-Nitroaniline	ND		2000	150	
100-02-7	4-Nitrophenol	ND		2000	280	
83-32-9	Acenaphthene	200	J	1000	190	
208-96-8	Acenaphthylene	ND		1000	200	
98-86-2	Acetophenone	ND		1000	180	
120-12-7	Anthracene	570	J	1000	190	
1912-24-9	Atrazine	ND		1000	350	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3' | Lab Sample ID: 480-240036-8

Matrix: Solid | Lab File ID: V31750183.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.12(g) | Date Analyzed: 07/07/2026 14:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.6 % Solids: 81.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		1000	790
56-55-3	Benzo[a]anthracene	1300		1000	140
50-32-8	Benzo[a]pyrene	1200		1000	180
205-99-2	Benzo[b]fluoranthene	1500		1000	140
191-24-2	Benzo[g,h,i]perylene	820	J	1000	180
207-08-9	Benzo[k]fluoranthene	750	J	1000	230
111-91-1	Bis(2-chloroethoxy)methane	ND		1000	200
111-44-4	Bis(2-chloroethyl)ether	ND		1000	190
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1000	220
85-68-7	Butyl benzyl phthalate	ND		1000	190
105-60-2	Caprolactam	ND		1000	240
86-74-8	Carbazole	260	J	1000	200
218-01-9	Chrysene	1400		1000	250
53-70-3	Dibenz(a,h)anthracene	240	J	1000	210
84-74-2	Di-n-butyl phthalate	ND		1000	230
117-84-0	Di-n-octyl phthalate	ND		1000	200
132-64-9	Dibenzofuran	220	J	1000	180
84-66-2	Diethyl phthalate	ND		1000	180
131-11-3	Dimethyl phthalate	ND		1000	200
206-44-0	Fluoranthene	3300		1000	190
86-73-7	Fluorene	300	J	1000	190
118-74-1	Hexachlorobenzene	ND		1000	200
87-68-3	Hexachlorobutadiene	ND		1000	150
77-47-4	Hexachlorocyclopentadiene	ND		2000	450
67-72-1	Hexachloroethane	ND		1000	190
193-39-5	Indeno[1,2,3-cd]pyrene	750	J	1000	150
78-59-1	Isophorone	ND		1000	210
621-64-7	N-Nitrosodi-n-propylamine	ND		1000	230
86-30-6	N-Nitrosodiphenylamine	ND		1000	170
91-20-3	Naphthalene	250	J	1000	170
98-95-3	Nitrobenzene	ND		1000	170

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3' | Lab Sample ID: 480-240036-8

Matrix: Solid | Lab File ID: V31750183.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.12(g) | Date Analyzed: 07/07/2026 14:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.6 % Solids: 81.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		2000	330
85-01-8	Phenanthrene	2100		1000	190
108-95-2	Phenol	ND		1000	190
129-00-0	Pyrene	2400		1000	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	91		22-120
4165-62-2	Phenol-d5 (Surr)	89		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	86		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	85		10-140
321-60-8	2-Fluorobiphenyl (Surr)	91		29-120
367-12-4	2-Fluorophenol (Surr)	90		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3' | Lab Sample ID: 480-240036-8

Matrix: Solid | Lab File ID: V31750183.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.12(g) | Date Analyzed: 07/07/2026 14:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.6 % Solids: 81.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 10 | TIC Result Total: 25700

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.60	1100	T J	
	~~Unknown~~	~~3.49~~	~~6000~~	~~T J~~	
	Unknown	9.25	1500	T J	
	Unknown	9.67	5400	T J	
	Unknown	10.80	3200	T J	
	Unknown	11.13	1100	T J	
	Unknown	12.17	1800	T J	
	Unknown	13.26	1100	T J	
295-65-8	Cyclohexadecane	13.80	1500	T J N	94%
198-55-0	Perylene	14.44	1000	T J N	95%

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GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' | Lab Sample ID: 480-240036-9

Matrix: Solid | Lab File ID: V31750184.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.51(g) | Date Analyzed: 07/07/2026 15:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.4 % Solids: 83.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	37	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	40	
95-95-4	2,4,5-Trichlorophenol	ND		200	40	
88-06-2	2,4,6-Trichlorophenol	ND		200	30	
120-83-2	2,4-Dichlorophenol	ND		200	38	
105-67-9	2,4-Dimethylphenol	ND		200	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	28	
91-58-7	2-Chloronaphthalene	ND		200	36	
123-91-1	1,4-Dioxane	ND		120	43	
95-57-8	2-Chlorophenol	ND		200	31	
95-48-7	2-Methylphenol	ND		200	32	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		200	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	57	
99-09-2	3-Nitroaniline	ND		380	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	33	
59-50-7	4-Chloro-3-methylphenol	ND		200	40	
106-47-8	4-Chloroaniline	ND		200	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	41	
106-44-5	4-Methylphenol	ND		380	35	
100-01-6	4-Nitroaniline	ND		380	29	
100-02-7	4-Nitrophenol	ND		380	53	
83-32-9	Acenaphthene	ND		200	36	
208-96-8	Acenaphthylene	ND		200	38	
98-86-2	Acetophenone	ND		200	34	
120-12-7	Anthracene	ND		200	36	
1912-24-9	Atrazine	ND		200	66	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' | Lab Sample ID: 480-240036-9

Matrix: Solid | Lab File ID: V31750184.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.51(g) | Date Analyzed: 07/07/2026 15:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.4 % Solids: 83.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	ND		200	27
50-32-8	Benzo[a]pyrene	ND		200	33
205-99-2	Benzo[b]fluoranthene	ND		200	26
191-24-2	Benzo[g,h,i]perylene	ND		200	34
207-08-9	Benzo[k]fluoranthene	ND		200	44
111-91-1	Bis(2-chloroethoxy)methane	ND		200	37
111-44-4	Bis(2-chloroethyl)ether	ND		200	37
117-81-7	Bis(2-ethylhexyl) phthalate	58	J	200	43
85-68-7	Butyl benzyl phthalate	ND		200	36
105-60-2	Caprolactam	ND		200	45
86-74-8	Carbazole	ND		200	38
218-01-9	Chrysene	ND		200	47
53-70-3	Dibenz(a,h)anthracene	ND		200	40
84-74-2	Di-n-butyl phthalate	ND		200	44
117-84-0	Di-n-octyl phthalate	ND		200	37
132-64-9	Dibenzofuran	ND		200	34
84-66-2	Diethyl phthalate	ND		200	35
131-11-3	Dimethyl phthalate	ND		200	38
206-44-0	Fluoranthene	ND		200	36
86-73-7	Fluorene	ND		200	36
118-74-1	Hexachlorobenzene	ND		200	38
87-68-3	Hexachlorobutadiene	ND		200	29
77-47-4	Hexachlorocyclopentadiene	ND		380	86
67-72-1	Hexachloroethane	ND		200	36
193-39-5	Indeno[1,2,3-cd]pyrene	ND		200	29
78-59-1	Isophorone	ND		200	40
621-64-7	N-Nitrosodi-n-propylamine	ND		200	44
86-30-6	N-Nitrosodiphenylamine	ND		200	33
91-20-3	Naphthalene	ND		200	32
98-95-3	Nitrobenzene	ND		200	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' | Lab Sample ID: 480-240036-9

Matrix: Solid | Lab File ID: V31750184.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.51(g) | Date Analyzed: 07/07/2026 15:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.4 % Solids: 83.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	62
85-01-8	Phenanthrene	ND		200	37
108-95-2	Phenol	ND		200	36
129-00-0	Pyrene	ND		200	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	90		22-120
4165-62-2	Phenol-d5 (Surr)	81		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	85		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	83		10-140
321-60-8	2-Fluorobiphenyl (Surr)	94		29-120
367-12-4	2-Fluorophenol (Surr)	80		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' | Lab Sample ID: 480-240036-9

Matrix: Solid | Lab File ID: V31750184.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.51(g) | Date Analyzed: 07/07/2026 15:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.4 % Solids: 83.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 6300

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	6300	T,J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' DUP | Lab Sample ID: 480-240036-10

Matrix: Solid | Lab File ID: V31750185.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.01(g) | Date Analyzed: 07/07/2026 15:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.0 % Solids: 85.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	37	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	41	
95-95-4	2,4,5-Trichlorophenol	ND		200	40	
88-06-2	2,4,6-Trichlorophenol	ND		200	30	
120-83-2	2,4-Dichlorophenol	ND		200	39	
105-67-9	2,4-Dimethylphenol	ND		200	42	
51-28-5	2,4-Dinitrophenol	ND		2000	38	
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	28	
91-58-7	2-Chloronaphthalene	ND		200	37	
123-91-1	1,4-Dioxane	ND		120	44	
95-57-8	2-Chlorophenol	ND		200	31	
95-48-7	2-Methylphenol	ND		200	32	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		390	34	
88-75-5	2-Nitrophenol	ND		200	23	
91-94-1	3,3'-Dichlorobenzidine	ND		390	58	
99-09-2	3-Nitroaniline	ND		390	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		390	44	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	34	
59-50-7	4-Chloro-3-methylphenol	ND		200	41	
106-47-8	4-Chloroaniline	ND		200	29	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	42	
106-44-5	4-Methylphenol	ND		390	36	
100-01-6	4-Nitroaniline	ND		390	29	
100-02-7	4-Nitrophenol	ND		390	54	
83-32-9	Acenaphthene	ND		200	37	
208-96-8	Acenaphthylene	ND		200	38	
98-86-2	Acetophenone	ND		200	35	
120-12-7	Anthracene	ND		200	37	
1912-24-9	Atrazine	ND		200	67	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' DUP | Lab Sample ID: 480-240036-10

Matrix: Solid | Lab File ID: V31750185.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.01(g) | Date Analyzed: 07/07/2026 15:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.0 % Solids: 85.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	45	J	200	27
50-32-8	Benzo[a]pyrene	48	J	200	34
205-99-2	Benzo[b]fluoranthene	65	J	200	27
191-24-2	Benzo[g,h,i]perylene	36	J	200	35
207-08-9	Benzo[k]fluoranthene	ND		200	45
111-91-1	Bis(2-chloroethoxy)methane	ND		200	38
111-44-4	Bis(2-chloroethyl)ether	ND		200	38
117-81-7	Bis(2-ethylhexyl) phthalate	65	J	200	43
85-68-7	Butyl benzyl phthalate	ND		200	37
105-60-2	Caprolactam	ND		200	46
86-74-8	Carbazole	ND		200	39
218-01-9	Chrysene	53	J	200	48
53-70-3	Dibenz(a,h)anthracene	ND		200	40
84-74-2	Di-n-butyl phthalate	57	J	200	45
117-84-0	Di-n-octyl phthalate	ND		200	38
132-64-9	Dibenzofuran	ND		200	35
84-66-2	Diethyl phthalate	ND		200	36
131-11-3	Dimethyl phthalate	ND		200	38
206-44-0	Fluoranthene	120	J	200	36
86-73-7	Fluorene	ND		200	36
118-74-1	Hexachlorobenzene	ND		200	38
87-68-3	Hexachlorobutadiene	ND		200	30
77-47-4	Hexachlorocyclopentadiene	ND		390	87
67-72-1	Hexachloroethane	ND		200	36
193-39-5	Indeno[1,2,3-cd]pyrene	36	J	200	30
78-59-1	Isophorone	ND		200	41
621-64-7	N-Nitrosodi-n-propylamine	ND		200	45
86-30-6	N-Nitrosodiphenylamine	ND		200	33
91-20-3	Naphthalene	ND		200	33
98-95-3	Nitrobenzene	ND		200	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' DUP | Lab Sample ID: 480-240036-10

Matrix: Solid | Lab File ID: V31750185.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.01(g) | Date Analyzed: 07/07/2026 15:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.0 % Solids: 85.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		390	63
85-01-8	Phenanthrene	97	J	200	37
108-95-2	Phenol	ND		200	36
129-00-0	Pyrene	88	J	200	38

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	90		22-120
4165-62-2	Phenol-d5 (Surr)	91		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	94		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	86		10-140
321-60-8	2-Fluorobiphenyl (Surr)	91		29-120
367-12-4	2-Fluorophenol (Surr)	88		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' DUP | Lab Sample ID: 480-240036-10

Matrix: Solid | Lab File ID: V31750185.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.01(g) | Date Analyzed: 07/07/2026 15:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.0 % Solids: 85.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 3 | TIC Result Total: 12430

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.00	6100	T J	
	Unknown	3.49	6100	T J	
629-94-7	Heneicosane	13.79	230	T J N	89%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2' | Lab Sample ID: 480-240036-11

Matrix: Solid | Lab File ID: V31750186.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.32(g) | Date Analyzed: 07/07/2026 15:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.1 % Solids: 85.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		1900	360	
108-60-1	bis (2-chloroisopropyl) ether	ND		1900	390	
95-95-4	2,4,5-Trichlorophenol	ND		1900	390	
88-06-2	2,4,6-Trichlorophenol	ND		1900	290	
120-83-2	2,4-Dichlorophenol	ND		1900	380	
105-67-9	2,4-Dimethylphenol	ND		1900	410	
51-28-5	2,4-Dinitrophenol	ND		19000	370	
121-14-2	2,4-Dinitrotoluene	ND		1900	260	
606-20-2	2,6-Dinitrotoluene	ND		1900	280	
91-58-7	2-Chloronaphthalene	ND		1900	360	
123-91-1	1,4-Dioxane	ND		1100	420	
95-57-8	2-Chlorophenol	ND		1900	300	
95-48-7	2-Methylphenol	ND		1900	310	
91-57-6	2-Methylnaphthalene	ND		1900	300	
88-74-4	2-Nitroaniline	ND		3800	330	
88-75-5	2-Nitrophenol	ND		1900	220	
91-94-1	3,3'-Dichlorobenzidine	ND		3800	560	
99-09-2	3-Nitroaniline	ND		3800	270	
534-52-1	4,6-Dinitro-2-methylphenol	ND		3800	420	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		1900	330	
59-50-7	4-Chloro-3-methylphenol	ND		1900	400	
106-47-8	4-Chloroaniline	ND		1900	280	
7005-72-3	4-Chlorophenyl phenyl ether	ND		1900	400	
106-44-5	4-Methylphenol	ND		3800	350	
100-01-6	4-Nitroaniline	ND		3800	280	
100-02-7	4-Nitrophenol	ND		3800	530	
83-32-9	Acenaphthene	620	J	1900	360	
208-96-8	Acenaphthylene	ND		1900	370	
98-86-2	Acetophenone	ND		1900	340	
120-12-7	Anthracene	1500	J	1900	360	
1912-24-9	Atrazine	ND		1900	650	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2' | Lab Sample ID: 480-240036-11

Matrix: Solid | Lab File ID: V31750186.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.32(g) | Date Analyzed: 07/07/2026 15:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.1 % Solids: 85.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		1900	1500
56-55-3	Benzo[a]anthracene	3300		1900	270
50-32-8	Benzo[a]pyrene	3000		1900	330
205-99-2	Benzo[b]fluoranthene	3500		1900	260
191-24-2	Benzo[g,h,i]perylene	1800	J	1900	340
207-08-9	Benzo[k]fluoranthene	1800	J	1900	430
111-91-1	Bis(2-chloroethoxy)methane	ND		1900	370
111-44-4	Bis(2-chloroethyl)ether	ND		1900	360
117-81-7	Bis(2-ethylhexyl) phthalate	790	J	1900	420
85-68-7	Butyl benzyl phthalate	ND		1900	360
105-60-2	Caprolactam	ND		1900	450
86-74-8	Carbazole	660	J	1900	380
218-01-9	Chrysene	3400		1900	460
53-70-3	Dibenz(a,h)anthracene	500	J	1900	390
84-74-2	Di-n-butyl phthalate	ND		1900	430
117-84-0	Di-n-octyl phthalate	ND		1900	370
132-64-9	Dibenzofuran	390	J	1900	340
84-66-2	Diethyl phthalate	ND		1900	350
131-11-3	Dimethyl phthalate	ND		1900	370
206-44-0	Fluoranthene	7800		1900	350
86-73-7	Fluorene	640	J	1900	350
118-74-1	Hexachlorobenzene	ND		1900	370
87-68-3	Hexachlorobutadiene	ND		1900	290
77-47-4	Hexachlorocyclopentadiene	ND		3800	840
67-72-1	Hexachloroethane	ND		1900	350
193-39-5	Indeno[1,2,3-cd]pyrene	1700	J	1900	290
78-59-1	Isophorone	ND		1900	400
621-64-7	N-Nitrosodi-n-propylamine	ND		1900	430
86-30-6	N-Nitrosodiphenylamine	ND		1900	320
91-20-3	Naphthalene	320	J	1900	320
98-95-3	Nitrobenzene	ND		1900	320

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2' | Lab Sample ID: 480-240036-11

Matrix: Solid | Lab File ID: V31750186.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.32(g) | Date Analyzed: 07/07/2026 15:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.1 % Solids: 85.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		3800	610
85-01-8	Phenanthrene	5700		1900	360
108-95-2	Phenol	ND		1900	350
129-00-0	Pyrene	5500		1900	370

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	92		22-120
4165-62-2	Phenol-d5 (Surr)	85		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	75		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	90		10-140
321-60-8	2-Fluorobiphenyl (Surr)	86		29-120
367-12-4	2-Fluorophenol (Surr)	87		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2' | Lab Sample ID: 480-240036-11

Matrix: Solid | Lab File ID: V31750186.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.32(g) | Date Analyzed: 07/07/2026 15:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.1 % Solids: 85.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 2 | TIC Result Total: 7700

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	5300	T J	
192-97-2	Benzo[e]pyrene	14.44	2400	T J N	98%

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GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' | Lab Sample ID: 480-240036-12

Matrix: Solid | Lab File ID: V31750187.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.54(g) | Date Analyzed: 07/07/2026 16:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.7 % Solids: 84.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		190	36	
108-60-1	bis (2-chloroisopropyl) ether	ND		190	40	
95-95-4	2,4,5-Trichlorophenol	ND		190	39	
88-06-2	2,4,6-Trichlorophenol	ND		190	29	
120-83-2	2,4-Dichlorophenol	ND		190	38	
105-67-9	2,4-Dimethylphenol	ND		190	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	
121-14-2	2,4-Dinitrotoluene	ND		190	26	
606-20-2	2,6-Dinitrotoluene	ND		190	28	
91-58-7	2-Chloronaphthalene	ND		190	36	
123-91-1	1,4-Dioxane	ND		110	43	
95-57-8	2-Chlorophenol	ND		190	30	
95-48-7	2-Methylphenol	ND		190	31	
91-57-6	2-Methylnaphthalene	ND		190	30	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		190	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	57	
99-09-2	3-Nitroaniline	ND		380	27	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	42	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		190	33	
59-50-7	4-Chloro-3-methylphenol	ND		190	40	
106-47-8	4-Chloroaniline	ND		190	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		190	41	
106-44-5	4-Methylphenol	ND		380	35	
100-01-6	4-Nitroaniline	ND		380	28	
100-02-7	4-Nitrophenol	ND		380	53	
83-32-9	Acenaphthene	ND		190	36	
208-96-8	Acenaphthylene	ND		190	37	
98-86-2	Acetophenone	ND		190	34	
120-12-7	Anthracene	ND		190	36	
1912-24-9	Atrazine	ND		190	65	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' | Lab Sample ID: 480-240036-12

Matrix: Solid | Lab File ID: V31750187.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.54(g) | Date Analyzed: 07/07/2026 16:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.7 % Solids: 84.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		190	150
56-55-3	Benzo[a]anthracene	ND		190	27
50-32-8	Benzo[a]pyrene	ND		190	33
205-99-2	Benzo[b]fluoranthene	ND		190	26
191-24-2	Benzo[g,h,i]perylene	ND		190	34
207-08-9	Benzo[k]fluoranthene	ND		190	43
111-91-1	Bis(2-chloroethoxy)methane	ND		190	37
111-44-4	Bis(2-chloroethyl)ether	ND		190	37
117-81-7	Bis(2-ethylhexyl) phthalate	63	J	190	42
85-68-7	Butyl benzyl phthalate	ND		190	36
105-60-2	Caprolactam	ND		190	45
86-74-8	Carbazole	ND		190	38
218-01-9	Chrysene	ND		190	47
53-70-3	Dibenz(a,h)anthracene	ND		190	39
84-74-2	Di-n-butyl phthalate	57	J	190	43
117-84-0	Di-n-octyl phthalate	ND		190	37
132-64-9	Dibenzofuran	ND		190	34
84-66-2	Diethyl phthalate	ND		190	35
131-11-3	Dimethyl phthalate	ND		190	37
206-44-0	Fluoranthene	ND		190	35
86-73-7	Fluorene	ND		190	35
118-74-1	Hexachlorobenzene	ND		190	37
87-68-3	Hexachlorobutadiene	ND		190	29
77-47-4	Hexachlorocyclopentadiene	ND		380	85
67-72-1	Hexachloroethane	ND		190	35
193-39-5	Indeno[1,2,3-cd]pyrene	ND		190	29
78-59-1	Isophorone	ND		190	40
621-64-7	N-Nitrosodi-n-propylamine	ND		190	43
86-30-6	N-Nitrosodiphenylamine	ND		190	32
91-20-3	Naphthalene	ND		190	32
98-95-3	Nitrobenzene	ND		190	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' | Lab Sample ID: 480-240036-12

Matrix: Solid | Lab File ID: V31750187.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.54(g) | Date Analyzed: 07/07/2026 16:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.7 % Solids: 84.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	62
85-01-8	Phenanthrene	ND		190	36
108-95-2	Phenol	ND		190	35
129-00-0	Pyrene	ND		190	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	78		22-120
4165-62-2	Phenol-d5 (Surr)	74		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	74		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	72		10-140
321-60-8	2-Fluorobiphenyl (Surr)	78		29-120
367-12-4	2-Fluorophenol (Surr)	75		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' | Lab Sample ID: 480-240036-12

Matrix: Solid | Lab File ID: V31750187.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.54(g) | Date Analyzed: 07/07/2026 16:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.7 % Solids: 84.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 4600

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	4600	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' DUP | Lab Sample ID: 480-240036-13

Matrix: Solid | Lab File ID: V31750188.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.54(g) | Date Analyzed: 07/07/2026 16:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.0 % Solids: 85.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		190	36	
108-60-1	bis (2-chloroisopropyl) ether	ND		190	39	
95-95-4	2,4,5-Trichlorophenol	ND		190	39	
88-06-2	2,4,6-Trichlorophenol	ND		190	29	
120-83-2	2,4-Dichlorophenol	ND		190	38	
105-67-9	2,4-Dimethylphenol	ND		190	40	
51-28-5	2,4-Dinitrophenol	ND		1900	37	
121-14-2	2,4-Dinitrotoluene	ND		190	26	
606-20-2	2,6-Dinitrotoluene	ND		190	27	
91-58-7	2-Chloronaphthalene	ND		190	36	
123-91-1	1,4-Dioxane	ND		110	42	
95-57-8	2-Chlorophenol	ND		190	30	
95-48-7	2-Methylphenol	ND		190	31	
91-57-6	2-Methylnaphthalene	ND		190	30	
88-74-4	2-Nitroaniline	ND		370	33	
88-75-5	2-Nitrophenol	ND		190	22	
91-94-1	3,3'-Dichlorobenzidine	ND		370	56	
99-09-2	3-Nitroaniline	ND		370	27	
534-52-1	4,6-Dinitro-2-methylphenol	ND		370	42	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		190	33	
59-50-7	4-Chloro-3-methylphenol	ND		190	39	
106-47-8	4-Chloroaniline	ND		190	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		190	40	
106-44-5	4-Methylphenol	ND		370	34	
100-01-6	4-Nitroaniline	ND		370	28	
100-02-7	4-Nitrophenol	ND		370	52	
83-32-9	Acenaphthene	ND		190	36	
208-96-8	Acenaphthylene	ND		190	37	
98-86-2	Acetophenone	ND		190	34	
120-12-7	Anthracene	ND		190	35	
1912-24-9	Atrazine	ND		190	65	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' DUP | Lab Sample ID: 480-240036-13

Matrix: Solid | Lab File ID: V31750188.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.54(g) | Date Analyzed: 07/07/2026 16:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.0 % Solids: 85.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		190	150
56-55-3	Benzo[a]anthracene	ND		190	26
50-32-8	Benzo[a]pyrene	ND		190	33
205-99-2	Benzo[b]fluoranthene	ND		190	26
191-24-2	Benzo[g,h,i]perylene	ND		190	33
207-08-9	Benzo[k]fluoranthene	ND		190	43
111-91-1	Bis(2-chloroethoxy)methane	ND		190	37
111-44-4	Bis(2-chloroethyl)ether	ND		190	36
117-81-7	Bis(2-ethylhexyl) phthalate	ND		190	42
85-68-7	Butyl benzyl phthalate	ND		190	35
105-60-2	Caprolactam	ND		190	44
86-74-8	Carbazole	ND		190	38
218-01-9	Chrysene	ND		190	46
53-70-3	Dibenz(a,h)anthracene	ND		190	39
84-74-2	Di-n-butyl phthalate	ND		190	43
117-84-0	Di-n-octyl phthalate	ND		190	37
132-64-9	Dibenzofuran	ND		190	34
84-66-2	Diethyl phthalate	ND		190	34
131-11-3	Dimethyl phthalate	ND		190	37
206-44-0	Fluoranthene	ND		190	35
86-73-7	Fluorene	ND		190	35
118-74-1	Hexachlorobenzene	ND		190	37
87-68-3	Hexachlorobutadiene	ND		190	29
77-47-4	Hexachlorocyclopentadiene	ND		370	84
67-72-1	Hexachloroethane	ND		190	35
193-39-5	Indeno[1,2,3-cd]pyrene	ND		190	29
78-59-1	Isophorone	ND		190	39
621-64-7	N-Nitrosodi-n-propylamine	ND		190	43
86-30-6	N-Nitrosodiphenylamine	ND		190	32
91-20-3	Naphthalene	ND		190	32
98-95-3	Nitrobenzene	ND		190	32

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' DUP | Lab Sample ID: 480-240036-13

Matrix: Solid | Lab File ID: V31750188.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.54(g) | Date Analyzed: 07/07/2026 16:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.0 % Solids: 85.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		370	61
85-01-8	Phenanthrene	ND		190	36
108-95-2	Phenol	ND		190	35
129-00-0	Pyrene	ND		190	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	88		22-120
4165-62-2	Phenol-d5 (Surr)	81		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	89		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	88		10-140
321-60-8	2-Fluorobiphenyl (Surr)	94		29-120
367-12-4	2-Fluorophenol (Surr)	79		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' DUP | Lab Sample ID: 480-240036-13

Matrix: Solid | Lab File ID: V31750188.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.54(g) | Date Analyzed: 07/07/2026 16:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.0 % Solids: 85.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 5200

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~3.50~~	~~5200~~	~~T J~~	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 1-3' | Lab Sample ID: 480-240036-14

Matrix: Solid | Lab File ID: V31750189.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.49(g) | Date Analyzed: 07/07/2026 17:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.5 % Solids: 86.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		1900	360	
108-60-1	bis (2-chloroisopropyl) ether	ND		1900	390	
95-95-4	2,4,5-Trichlorophenol	ND		1900	380	
88-06-2	2,4,6-Trichlorophenol	ND		1900	290	
120-83-2	2,4-Dichlorophenol	ND		1900	370	
105-67-9	2,4-Dimethylphenol	ND		1900	400	
51-28-5	2,4-Dinitrophenol	ND		19000	360	
121-14-2	2,4-Dinitrotoluene	ND		1900	260	
606-20-2	2,6-Dinitrotoluene	ND		1900	270	
91-58-7	2-Chloronaphthalene	ND		1900	350	
123-91-1	1,4-Dioxane	ND		1100	420	
95-57-8	2-Chlorophenol	ND		1900	300	
95-48-7	2-Methylphenol	ND		1900	310	
91-57-6	2-Methylnaphthalene	ND		1900	300	
88-74-4	2-Nitroaniline	ND		3700	320	
88-75-5	2-Nitrophenol	ND		1900	220	
91-94-1	3,3'-Dichlorobenzidine	ND		3700	550	
99-09-2	3-Nitroaniline	ND		3700	270	
534-52-1	4,6-Dinitro-2-methylphenol	ND		3700	420	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		1900	320	
59-50-7	4-Chloro-3-methylphenol	ND		1900	390	
106-47-8	4-Chloroaniline	ND		1900	270	
7005-72-3	4-Chlorophenyl phenyl ether	ND		1900	400	
106-44-5	4-Methylphenol	ND		3700	340	
100-01-6	4-Nitroaniline	ND		3700	280	
100-02-7	4-Nitrophenol	ND		3700	520	
83-32-9	Acenaphthene	ND		1900	350	
208-96-8	Acenaphthylene	ND		1900	360	
98-86-2	Acetophenone	ND		1900	330	
120-12-7	Anthracene	ND		1900	350	
1912-24-9	Atrazine	ND		1900	640	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 1-3' | Lab Sample ID: 480-240036-14

Matrix: Solid | Lab File ID: V31750189.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.49(g) | Date Analyzed: 07/07/2026 17:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.5 % Solids: 86.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		1900	1400
56-55-3	Benzo[a]anthracene	1000	J	1900	260
50-32-8	Benzo[a]pyrene	1300	J	1900	320
205-99-2	Benzo[b]fluoranthene	1500	J	1900	250
191-24-2	Benzo[g,h,i]perylene	760	J	1900	330
207-08-9	Benzo[k]fluoranthene	780	J	1900	420
111-91-1	Bis(2-chloroethoxy)methane	ND		1900	360
111-44-4	Bis(2-chloroethyl)ether	ND		1900	360
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	410
85-68-7	Butyl benzyl phthalate	ND		1900	350
105-60-2	Caprolactam	ND		1900	440
86-74-8	Carbazole	ND		1900	370
218-01-9	Chrysene	1100	J	1900	460
53-70-3	Dibenz(a,h)anthracene	ND		1900	380
84-74-2	Di-n-butyl phthalate	ND		1900	420
117-84-0	Di-n-octyl phthalate	ND		1900	360
132-64-9	Dibenzofuran	ND		1900	330
84-66-2	Diethyl phthalate	ND		1900	340
131-11-3	Dimethyl phthalate	ND		1900	370
206-44-0	Fluoranthene	2000		1900	340
86-73-7	Fluorene	ND		1900	350
118-74-1	Hexachlorobenzene	ND		1900	370
87-68-3	Hexachlorobutadiene	ND		1900	280
77-47-4	Hexachlorocyclopentadiene	ND		3700	830
67-72-1	Hexachloroethane	ND		1900	350
193-39-5	Indeno[1,2,3-cd]pyrene	760	J	1900	280
78-59-1	Isophorone	ND		1900	390
621-64-7	N-Nitrosodi-n-propylamine	ND		1900	420
86-30-6	N-Nitrosodiphenylamine	ND		1900	320
91-20-3	Naphthalene	ND		1900	310
98-95-3	Nitrobenzene	ND		1900	320

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 1-3' | Lab Sample ID: 480-240036-14

Matrix: Solid | Lab File ID: V31750189.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.49(g) | Date Analyzed: 07/07/2026 17:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.5 % Solids: 86.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		3700	600
85-01-8	Phenanthrene	840	J	1900	360
108-95-2	Phenol	ND		1900	340
129-00-0	Pyrene	1500	J	1900	360

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	84		22-120
4165-62-2	Phenol-d5 (Surr)	82		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	73		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	79		10-140
321-60-8	2-Fluorobiphenyl (Surr)	75		29-120
367-12-4	2-Fluorophenol (Surr)	82		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 1-3' | Lab Sample ID: 480-240036-14

Matrix: Solid | Lab File ID: V31750189.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.49(g) | Date Analyzed: 07/07/2026 17:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.5 % Solids: 86.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 4500

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.50	4500	T S	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 4-6' | Lab Sample ID: 480-240036-15

Matrix: Solid | Lab File ID: V31750190.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.26(g) | Date Analyzed: 07/07/2026 17:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.2 % Solids: 86.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		190	36	
108-60-1	bis (2-chloroisopropyl) ether	ND		190	39	
95-95-4	2,4,5-Trichlorophenol	ND		190	39	
88-06-2	2,4,6-Trichlorophenol	ND		190	29	
120-83-2	2,4-Dichlorophenol	ND		190	37	
105-67-9	2,4-Dimethylphenol	ND		190	40	
51-28-5	2,4-Dinitrophenol	ND		1900	36	
121-14-2	2,4-Dinitrotoluene	ND		190	26	
606-20-2	2,6-Dinitrotoluene	ND		190	27	
91-58-7	2-Chloronaphthalene	ND		190	36	
123-91-1	1,4-Dioxane	ND		110	42	
95-57-8	2-Chlorophenol	ND		190	30	
95-48-7	2-Methylphenol	ND		190	31	
91-57-6	2-Methylnaphthalene	ND		190	30	
88-74-4	2-Nitroaniline	ND		370	33	
88-75-5	2-Nitrophenol	ND		190	22	
91-94-1	3,3'-Dichlorobenzidine	ND		370	56	
99-09-2	3-Nitroaniline	ND		370	27	
534-52-1	4,6-Dinitro-2-methylphenol	ND		370	42	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		190	33	
59-50-7	4-Chloro-3-methylphenol	ND		190	39	
106-47-8	4-Chloroaniline	ND		190	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		190	40	
106-44-5	4-Methylphenol	ND		370	34	
100-01-6	4-Nitroaniline	ND		370	28	
100-02-7	4-Nitrophenol	ND		370	52	
83-32-9	Acenaphthene	ND		190	36	
208-96-8	Acenaphthylene	ND		190	37	
98-86-2	Acetophenone	ND		190	34	
120-12-7	Anthracene	ND		190	35	
1912-24-9	Atrazine	ND		190	65	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 4-6' | Lab Sample ID: 480-240036-15

Matrix: Solid | Lab File ID: V31750190.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.26(g) | Date Analyzed: 07/07/2026 17:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.2 % Solids: 86.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		190	150
56-55-3	Benzo[a]anthracene	ND		190	26
50-32-8	Benzo[a]pyrene	ND		190	33
205-99-2	Benzo[b]fluoranthene	ND		190	26
191-24-2	Benzo[g,h,i]perylene	ND		190	33
207-08-9	Benzo[k]fluoranthene	ND		190	43
111-91-1	Bis(2-chloroethoxy)methane	ND		190	37
111-44-4	Bis(2-chloroethyl)ether	ND		190	36
117-81-7	Bis(2-ethylhexyl) phthalate	72	J	190	42
85-68-7	Butyl benzyl phthalate	ND		190	35
105-60-2	Caprolactam	ND		190	44
86-74-8	Carbazole	ND		190	38
218-01-9	Chrysene	ND		190	46
53-70-3	Dibenz(a,h)anthracene	ND		190	39
84-74-2	Di-n-butyl phthalate	59	J	190	43
117-84-0	Di-n-octyl phthalate	ND		190	36
132-64-9	Dibenzofuran	ND		190	34
84-66-2	Diethyl phthalate	ND		190	34
131-11-3	Dimethyl phthalate	ND		190	37
206-44-0	Fluoranthene	ND		190	35
86-73-7	Fluorene	ND		190	35
118-74-1	Hexachlorobenzene	ND		190	37
87-68-3	Hexachlorobutadiene	ND		190	29
77-47-4	Hexachlorocyclopentadiene	ND		370	84
67-72-1	Hexachloroethane	ND		190	35
193-39-5	Indeno[1,2,3-cd]pyrene	ND		190	29
78-59-1	Isophorone	ND		190	39
621-64-7	N-Nitrosodi-n-propylamine	ND		190	43
86-30-6	N-Nitrosodiphenylamine	ND		190	32
91-20-3	Naphthalene	ND		190	32
98-95-3	Nitrobenzene	ND		190	32

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 4-6' | Lab Sample ID: 480-240036-15

Matrix: Solid | Lab File ID: V31750190.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.26(g) | Date Analyzed: 07/07/2026 17:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.2 % Solids: 86.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		370	61
85-01-8	Phenanthrene	ND		190	36
108-95-2	Phenol	ND		190	35
129-00-0	Pyrene	ND		190	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	89		22-120
4165-62-2	Phenol-d5 (Surr)	80		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	91		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	85		10-140
321-60-8	2-Fluorobiphenyl (Surr)	92		29-120
367-12-4	2-Fluorophenol (Surr)	80		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 4-6' | Lab Sample ID: 480-240036-15

Matrix: Solid | Lab File ID: V31750190.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 13:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.26(g) | Date Analyzed: 07/07/2026 17:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.2 % Solids: 86.8 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 2 | TIC Result Total: 12500

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.99	7300	T J	
	Unknown	3.50	5200	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: RI-MW-3 20-25' | Lab Sample ID: 480-240036-16

Matrix: Solid | Lab File ID: V31750191.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 00:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.96(g) | Date Analyzed: 07/07/2026 17:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 20.3 % Solids: 79.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	38	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	41	
95-95-4	2,4,5-Trichlorophenol	ND		200	40	
88-06-2	2,4,6-Trichlorophenol	ND		200	30	
120-83-2	2,4-Dichlorophenol	ND		200	39	
105-67-9	2,4-Dimethylphenol	ND		200	42	
51-28-5	2,4-Dinitrophenol	ND		2000	38	
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	29	
91-58-7	2-Chloronaphthalene	ND		200	37	
123-91-1	1,4-Dioxane	ND		120	44	
95-57-8	2-Chlorophenol	ND		200	31	
95-48-7	2-Methylphenol	ND		200	32	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		390	34	
88-75-5	2-Nitrophenol	ND		200	23	
91-94-1	3,3'-Dichlorobenzidine	ND		390	58	
99-09-2	3-Nitroaniline	ND		390	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		390	44	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	34	
59-50-7	4-Chloro-3-methylphenol	ND		200	41	
106-47-8	4-Chloroaniline	ND		200	29	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	42	
106-44-5	4-Methylphenol	ND		390	36	
100-01-6	4-Nitroaniline	ND		390	29	
100-02-7	4-Nitrophenol	ND		390	55	
83-32-9	Acenaphthene	ND		200	37	
208-96-8	Acenaphthylene	ND		200	38	
98-86-2	Acetophenone	ND		200	35	
120-12-7	Anthracene	ND		200	37	
1912-24-9	Atrazine	ND		200	67	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: RI-MW-3 20-25' | Lab Sample ID: 480-240036-16

Matrix: Solid | Lab File ID: V31750191.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 00:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.96(g) | Date Analyzed: 07/07/2026 17:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 20.3 % Solids: 79.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	ND		200	27
50-32-8	Benzo[a]pyrene	ND		200	34
205-99-2	Benzo[b]fluoranthene	28	J	200	27
191-24-2	Benzo[g,h,i]perylene	ND		200	35
207-08-9	Benzo[k]fluoranthene	ND		200	45
111-91-1	Bis(2-chloroethoxy)methane	ND		200	38
111-44-4	Bis(2-chloroethyl)ether	ND		200	38
117-81-7	Bis(2-ethylhexyl) phthalate	72	J	200	43
85-68-7	Butyl benzyl phthalate	ND		200	37
105-60-2	Caprolactam	ND		200	46
86-74-8	Carbazole	ND		200	39
218-01-9	Chrysene	ND		200	48
53-70-3	Dibenz(a,h)anthracene	ND		200	40
84-74-2	Di-n-butyl phthalate	58	J	200	45
117-84-0	Di-n-octyl phthalate	ND		200	38
132-64-9	Dibenzofuran	ND		200	35
84-66-2	Diethyl phthalate	ND		200	36
131-11-3	Dimethyl phthalate	ND		200	38
206-44-0	Fluoranthene	42	J	200	36
86-73-7	Fluorene	ND		200	37
118-74-1	Hexachlorobenzene	ND		200	38
87-68-3	Hexachlorobutadiene	ND		200	30
77-47-4	Hexachlorocyclopentadiene	ND		390	87
67-72-1	Hexachloroethane	ND		200	36
193-39-5	Indeno[1,2,3-cd]pyrene	ND		200	30
78-59-1	Isophorone	ND		200	41
621-64-7	N-Nitrosodi-n-propylamine	ND		200	45
86-30-6	N-Nitrosodiphenylamine	ND		200	33
91-20-3	Naphthalene	ND		200	33
98-95-3	Nitrobenzene	ND		200	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: RI-MW-3 20-25' | Lab Sample ID: 480-240036-16

Matrix: Solid | Lab File ID: V31750191.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 00:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.96(g) | Date Analyzed: 07/07/2026 17:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 20.3 % Solids: 79.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		390	64
85-01-8	Phenanthrene	ND		200	37
108-95-2	Phenol	ND		200	36
129-00-0	Pyrene	ND		200	38

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	92		22-120
4165-62-2	Phenol-d5 (Surr)	83		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	81		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	85		10-140
321-60-8	2-Fluorobiphenyl (Surr)	95		29-120
367-12-4	2-Fluorophenol (Surr)	85		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: RI-MW-3 20-25' | Lab Sample ID: 480-240036-16

Matrix: Solid | Lab File ID: V31750191.d

Analysis Method: EPA 8270E | Date Collected: 06/30/2026 00:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15.96(g) | Date Analyzed: 07/07/2026 17:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 20.3 % Solids: 79.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780008 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 5100

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	5100	T S	

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Method 8081B

Organochlorine Pesticides (GC) by Method 8081B

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 1-3' | Lab Sample ID: 480-240036-1

Matrix: Solid | Lab File ID: 5_90178.D

Analysis Method: 8081B | Date Collected: 06/30/2026 10:30

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.34(g) | Date Analyzed: 07/02/2026 12:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 18.9 % Solids: 81.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		200	39	
72-55-9	4,4'-DDE	ND		200	42	
50-29-3	4,4'-DDT	ND		200	47	
319-85-7	beta-BHC	ND		200	36	
5103-71-9	cis-Chlordane	ND		200	100	
319-84-6	alpha-BHC	ND		200	36	
309-00-2	Aldrin	ND		200	49	
319-86-8	delta-BHC	ND		200	37	
60-57-1	Dieldrin	ND		200	48	
959-98-8	Endosulfan I	ND		200	39	
33213-65-9	Endosulfan II	ND		200	36	
1031-07-8	Endosulfan sulfate	ND		200	37	
72-20-8	Endrin	ND		200	40	
7421-93-4	Endrin aldehyde	ND		200	51	
53494-70-5	Endrin ketone	ND		200	49	
58-89-9	gamma-BHC (Lindane)	ND		200	37	
5103-74-2	trans-Chlordane	ND		200	64	
76-44-8	Heptachlor	ND		200	44	
1024-57-3	Heptachlor epoxide	ND		200	52	
72-43-5	Methoxychlor	ND		200	41	
8001-35-2	Toxaphene	ND		2000	1200	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5' | Lab Sample ID: 480-240036-2

Matrix: Solid | Lab File ID: 5_90179.D

Analysis Method: 8081B | Date Collected: 06/30/2026 10:30

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.25(g) | Date Analyzed: 07/02/2026 13:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 15.1 % Solids: 84.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		77	15	
72-55-9	4,4'-DDE	ND		77	16	
50-29-3	4,4'-DDT	32	J	77	18	J
319-85-7	beta-BHC	ND		77	14	
5103-71-9	cis-Chlordane	ND		77	38	
319-84-6	alpha-BHC	ND		77	14	
309-00-2	Aldrin	ND		77	19	
319-86-8	delta-BHC	ND		77	14	
60-57-1	Dieldrin	ND		77	19	
959-98-8	Endosulfan I	ND		77	15	
33213-65-9	Endosulfan II	ND		77	14	
1031-07-8	Endosulfan sulfate	ND		77	14	
72-20-8	Endrin	ND		77	15	
7421-93-4	Endrin aldehyde	ND		77	20	
53494-70-5	Endrin ketone	ND		77	19	
58-89-9	gamma-BHC (Lindane)	ND		77	14	
5103-74-2	trans-Chlordane	ND		77	25	
76-44-8	Heptachlor	ND		77	17	
1024-57-3	Heptachlor epoxide	ND		77	20	
72-43-5	Methoxychlor	ND		77	16	
8001-35-2	Toxaphene	ND		770	450	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6' | Lab Sample ID: 480-240036-3

Matrix: Solid | Lab File ID: 5_90180.D

Analysis Method: 8081B | Date Collected: 06/30/2026 10:30

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.09(g) | Date Analyzed: 07/02/2026 13:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 17.8 % Solids: 82.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		20	3.9	
72-55-9	4,4'-DDE	ND		20	4.2	
50-29-3	4,4'-DDT	10	J	20	4.7	J
319-85-7	beta-BHC	ND		20	3.6	
5103-71-9	cis-Chlordane	ND		20	10	
319-84-6	alpha-BHC	ND		20	3.6	
309-00-2	Aldrin	ND		20	5.0	
319-86-8	delta-BHC	ND		20	3.8	
60-57-1	Dieldrin	ND		20	4.8	
959-98-8	Endosulfan I	ND		20	3.9	
33213-65-9	Endosulfan II	ND		20	3.6	
1031-07-8	Endosulfan sulfate	ND		20	3.8	
72-20-8	Endrin	ND		20	4.0	
7421-93-4	Endrin aldehyde	ND		20	5.2	
53494-70-5	Endrin ketone	ND		20	5.0	
58-89-9	gamma-BHC (Lindane)	ND		20	3.7	
5103-74-2	trans-Chlordane	ND		20	6.4	
76-44-8	Heptachlor	ND		20	4.4	
1024-57-3	Heptachlor epoxide	ND		20	5.2	
72-43-5	Methoxychlor	ND		20	4.1	
8001-35-2	Toxaphene	ND		200	120	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		45-120
877-09-8	Tetrachloro-m-xylene	119		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 1-3' | Lab Sample ID: 480-240036-4

Matrix: Solid | Lab File ID: 5_90181.D

Analysis Method: 8081B | Date Collected: 06/30/2026 09:30

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.05(g) | Date Analyzed: 07/02/2026 13:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 13.8 % Solids: 86.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		77	15	
72-55-9	4,4'-DDE	ND		77	16	
50-29-3	4,4'-DDT	ND		77	18	
319-85-7	beta-BHC	ND		77	14	
5103-71-9	cis-Chlordane	ND		77	38	
319-84-6	alpha-BHC	ND		77	14	
309-00-2	Aldrin	ND		77	19	
319-86-8	delta-BHC	ND		77	14	
60-57-1	Dieldrin	ND		77	19	
959-98-8	Endosulfan I	ND		77	15	
33213-65-9	Endosulfan II	ND		77	14	
1031-07-8	Endosulfan sulfate	ND		77	14	
72-20-8	Endrin	ND		77	15	
7421-93-4	Endrin aldehyde	ND		77	20	
53494-70-5	Endrin ketone	ND		77	19	
58-89-9	gamma-BHC (Lindane)	ND		77	14	
5103-74-2	trans-Chlordane	ND		77	25	
76-44-8	Heptachlor	ND		77	17	
1024-57-3	Heptachlor epoxide	ND		77	20	
72-43-5	Methoxychlor	18	J	77	16	
8001-35-2	Toxaphene	ND		770	450	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 4-6' | Lab Sample ID: 480-240036-5

Matrix: Solid | Lab File ID: 5_90172.D

Analysis Method: 8081B | Date Collected: 06/30/2026 09:30

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.11(g) | Date Analyzed: 07/02/2026 10:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 15.9 % Solids: 84.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.9	0.76	
72-55-9	4,4'-DDE	ND		3.9	0.83	
50-29-3	4,4'-DDT	ND		3.9	0.92	
319-85-7	beta-BHC	ND		3.9	0.71	
5103-71-9	cis-Chlordane	ND		3.9	2.0	
319-84-6	alpha-BHC	ND	F2	3.9	0.71	
309-00-2	Aldrin	ND		3.9	0.97	
319-86-8	delta-BHC	ND		3.9	0.73	
60-57-1	Dieldrin	ND	F2	3.9	0.94	
959-98-8	Endosulfan I	ND	F2	3.9	0.76	
33213-65-9	Endosulfan II	ND		3.9	0.71	
1031-07-8	Endosulfan sulfate	ND		3.9	0.73	
72-20-8	Endrin	ND		3.9	0.78	
7421-93-4	Endrin aldehyde	ND		3.9	1.0	
53494-70-5	Endrin ketone	1.2	J	3.9	0.97	
58-89-9	gamma-BHC (Lindane)	ND	F1 F2	3.9	0.72	UJ
5103-74-2	trans-Chlordane	ND		3.9	1.3	
76-44-8	Heptachlor	ND		3.9	0.85	
1024-57-3	Heptachlor epoxide	ND	F2	3.9	1.0	
72-43-5	Methoxychlor	ND	F2	3.9	0.80	
8001-35-2	Toxaphene	ND		39	23	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		45-120
877-09-8	Tetrachloro-m-xylene	84		30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' | Lab Sample ID: 480-240036-6

Matrix: Solid | Lab File ID: 5_90182.D

Analysis Method: 8081B | Date Collected: 06/30/2026 11:15

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.06(g) | Date Analyzed: 07/02/2026 14:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 30.2 % Solids: 69.8 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		95	19	
72-55-9	4,4'-DDE	ND		95	20	
50-29-3	4,4'-DDT	62	J	95	22	NJ
319-85-7	beta-BHC	ND		95	17	
5103-71-9	cis-Chlordane	ND		95	47	
319-84-6	alpha-BHC	ND		95	17	
309-00-2	Aldrin	ND		95	23	
319-86-8	delta-BHC	ND		95	18	
60-57-1	Dieldrin	ND		95	23	
959-98-8	Endosulfan I	ND		95	18	
33213-65-9	Endosulfan II	ND		95	17	
1031-07-8	Endosulfan sulfate	ND		95	18	
72-20-8	Endrin	ND		95	19	
7421-93-4	Endrin aldehyde	ND		95	24	
53494-70-5	Endrin ketone	ND		95	23	
58-89-9	gamma-BHC (Lindane)	20	J	95	17	NJ
5103-74-2	trans-Chlordane	ND		95	30	
76-44-8	Heptachlor	ND		95	21	
1024-57-3	Heptachlor epoxide	ND		95	25	
72-43-5	Methoxychlor	45	J	95	19	NJ
8001-35-2	Toxaphene	ND		950	550	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	273	S1+	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 4-6' | Lab Sample ID: 480-240036-7

Matrix: Solid | Lab File ID: 5_90173.D

Analysis Method: 8081B | Date Collected: 06/30/2026 11:15

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.26(g) | Date Analyzed: 07/02/2026 11:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 15.7 % Solids: 84.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND	F2	3.9	0.76	
72-55-9	4,4'-DDE	ND	F2	3.9	0.82	
50-29-3	4,4'-DDT	ND	F2	3.9	0.91	
319-85-7	beta-BHC	ND	F1 F2	3.9	0.70	UJ
5103-71-9	cis-Chlordane	ND	F2	3.9	1.9	
319-84-6	alpha-BHC	ND	F2	3.9	0.70	
309-00-2	Aldrin	ND	F2	3.9	0.96	
319-86-8	delta-BHC	ND	F1 F2	3.9	0.72	UJ
60-57-1	Dieldrin	ND	F2	3.9	0.93	
959-98-8	Endosulfan I	ND	F1 F2	3.9	0.75	UJ
33213-65-9	Endosulfan II	ND	F1 F2	3.9	0.70	UJ
1031-07-8	Endosulfan sulfate	ND	F2	3.9	0.73	
72-20-8	Endrin	ND	F2	3.9	0.77	
7421-93-4	Endrin aldehyde	ND	F1 F2	3.9	0.99	UJ
53494-70-5	Endrin ketone	ND	F1 F2	3.9	0.96	UJ
58-89-9	gamma-BHC (Lindane)	ND	F1 F2	3.9	0.71	UJ
5103-74-2	trans-Chlordane	ND	F2	3.9	1.2	
76-44-8	Heptachlor	ND	F2	3.9	0.84	
1024-57-3	Heptachlor epoxide	ND	F2	3.9	1.0	
72-43-5	Methoxychlor	ND	F1 F2	3.9	0.79	UJ
8001-35-2	Toxaphene	ND		39	23	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	51		45-120
877-09-8	Tetrachloro-m-xylene	82		30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3' | Lab Sample ID: 480-240036-8

Matrix: Solid | Lab File ID: 5_90183.D

Analysis Method: 8081B | Date Collected: 06/30/2026 12:30

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.13(g) | Date Analyzed: 07/02/2026 14:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 18.6 % Solids: 81.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	39	J	81	16	
72-55-9	4,4'-DDE	ND		81	17	
50-29-3	4,4'-DDT	ND		81	19	
319-85-7	beta-BHC	ND		81	15	
5103-71-9	cis-Chlordane	ND		81	40	
319-84-6	alpha-BHC	ND		81	15	
309-00-2	Aldrin	ND		81	20	
319-86-8	delta-BHC	ND		81	15	
60-57-1	Dieldrin	ND		81	19	
959-98-8	Endosulfan I	ND		81	16	
33213-65-9	Endosulfan II	ND		81	15	
1031-07-8	Endosulfan sulfate	ND		81	15	
72-20-8	Endrin	ND		81	16	
7421-93-4	Endrin aldehyde	ND		81	21	
53494-70-5	Endrin ketone	ND		81	20	
58-89-9	gamma-BHC (Lindane)	ND		81	15	
5103-74-2	trans-Chlordane	ND		81	26	
76-44-8	Heptachlor	ND		81	18	
1024-57-3	Heptachlor epoxide	ND		81	21	
72-43-5	Methoxychlor	27	J	81	17	NJ
8001-35-2	Toxaphene	ND		810	470	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122	S1+	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' | Lab Sample ID: 480-240036-9

Matrix: Solid | Lab File ID: 5_90184.D

Analysis Method: 8081B | Date Collected: 06/30/2026 12:30

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.07(g) | Date Analyzed: 07/02/2026 14:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 16.4 % Solids: 83.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		4.0	0.77	
72-55-9	4,4'-DDE	ND		4.0	0.83	
50-29-3	4,4'-DDT	ND		4.0	0.93	
319-85-7	beta-BHC	ND		4.0	0.71	
5103-71-9	cis-Chlordane	ND		4.0	2.0	
319-84-6	alpha-BHC	ND		4.0	0.71	
309-00-2	Aldrin	ND		4.0	0.98	
319-86-8	delta-BHC	ND		4.0	0.74	
60-57-1	Dieldrin	ND		4.0	0.95	
959-98-8	Endosulfan I	ND		4.0	0.76	
33213-65-9	Endosulfan II	ND		4.0	0.71	
1031-07-8	Endosulfan sulfate	ND		4.0	0.74	
72-20-8	Endrin	ND		4.0	0.79	
7421-93-4	Endrin aldehyde	ND		4.0	1.0	
53494-70-5	Endrin ketone	ND		4.0	0.98	
58-89-9	gamma-BHC (Lindane)	ND		4.0	0.73	
5103-74-2	trans-Chlordane	ND		4.0	1.3	
76-44-8	Heptachlor	ND		4.0	0.86	
1024-57-3	Heptachlor epoxide	ND		4.0	1.0	
8001-35-2	Toxaphene	ND		40	23	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		45-120
877-09-8	Tetrachloro-m-xylene	97		30-124

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Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' | Lab Sample ID: 480-240036-9

Matrix: Solid | Lab File ID: 5_90184.D

Analysis Method: 8081B | Date Collected: 06/30/2026 12:30

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.07(g) | Date Analyzed: 07/02/2026 14:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: 16.4 % Solids: 83.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-43-5	Methoxychlor	0.82	J	4.0	0.81	NJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		45-120
877-09-8	Tetrachloro-m-xylene	88		30-124

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Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' DUP | Lab Sample ID: 480-240036-10

Matrix: Solid | Lab File ID: 5_90185.D

Analysis Method: 8081B | Date Collected: 06/30/2026 12:30

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.19(g) | Date Analyzed: 07/02/2026 15:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 15.0 % Solids: 85.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.9	0.75	
72-55-9	4,4'-DDE	ND		3.9	0.81	
50-29-3	4,4'-DDT	ND		3.9	0.91	
319-85-7	beta-BHC	ND		3.9	0.70	
5103-71-9	cis-Chlordane	ND		3.9	1.9	
319-84-6	alpha-BHC	ND		3.9	0.70	
309-00-2	Aldrin	ND		3.9	0.95	
319-86-8	delta-BHC	ND		3.9	0.72	
60-57-1	Dieldrin	ND		3.9	0.93	
959-98-8	Endosulfan I	ND		3.9	0.74	
33213-65-9	Endosulfan II	ND		3.9	0.70	
1031-07-8	Endosulfan sulfate	ND		3.9	0.72	
72-20-8	Endrin	ND		3.9	0.77	
7421-93-4	Endrin aldehyde	ND		3.9	0.99	
53494-70-5	Endrin ketone	ND		3.9	0.95	
58-89-9	gamma-BHC (Lindane)	ND		3.9	0.71	
5103-74-2	trans-Chlordane	ND		3.9	1.2	
76-44-8	Heptachlor	ND		3.9	0.84	
1024-57-3	Heptachlor epoxide	ND		3.9	1.0	
72-43-5	Methoxychlor	2.3	J	3.9	0.79	
8001-35-2	Toxaphene	ND		39	23	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	66		45-120
877-09-8	Tetrachloro-m-xylene	72		30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2' | Lab Sample ID: 480-240036-11

Matrix: Solid | Lab File ID: 5_90187.D

Analysis Method: 8081B | Date Collected: 06/30/2026 13:00

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.35(g) | Date Analyzed: 07/02/2026 15:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 14.1 % Solids: 85.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	1.3	J	3.8	0.74	
72-55-9	4,4'-DDE	ND		3.8	0.80	
50-29-3	4,4'-DDT	ND		3.8	0.89	
319-85-7	beta-BHC	ND		3.8	0.68	
5103-71-9	cis-Chlordane	ND		3.8	1.9	
319-84-6	alpha-BHC	0.83	J	3.8	0.68	
309-00-2	Aldrin	ND		3.8	0.93	
319-86-8	delta-BHC	ND		3.8	0.71	
60-57-1	Dieldrin	ND		3.8	0.91	
959-98-8	Endosulfan I	ND		3.8	0.73	
33213-65-9	Endosulfan II	ND		3.8	0.68	
1031-07-8	Endosulfan sulfate	ND		3.8	0.71	
72-20-8	Endrin	ND		3.8	0.75	
7421-93-4	Endrin aldehyde	ND		3.8	0.97	
53494-70-5	Endrin ketone	ND		3.8	0.93	
58-89-9	gamma-BHC (Lindane)	ND		3.8	0.70	
5103-74-2	trans-Chlordane	ND		3.8	1.2	
76-44-8	Heptachlor	ND		3.8	0.82	
1024-57-3	Heptachlor epoxide	ND		3.8	0.98	
72-43-5	Methoxychlor	1.6	J	3.8	0.77	NJ
8001-35-2	Toxaphene	ND		38	22	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	60		45-120
877-09-8	Tetrachloro-m-xylene	64		30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' | Lab Sample ID: 480-240036-12

Matrix: Solid | Lab File ID: 5_90188.D

Analysis Method: 8081B | Date Collected: 06/30/2026 13:00

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.16(g) | Date Analyzed: 07/02/2026 15:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 15.7 % Solids: 84.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.9	0.76	
72-55-9	4,4'-DDE	ND		3.9	0.82	
50-29-3	4,4'-DDT	ND		3.9	0.92	
319-85-7	beta-BHC	ND		3.9	0.70	
5103-71-9	cis-Chlordane	ND		3.9	1.9	
319-84-6	alpha-BHC	ND		3.9	0.70	
309-00-2	Aldrin	ND		3.9	0.96	
319-86-8	delta-BHC	ND		3.9	0.73	
60-57-1	Dieldrin	ND		3.9	0.94	
959-98-8	Endosulfan I	ND		3.9	0.75	
33213-65-9	Endosulfan II	ND		3.9	0.70	
1031-07-8	Endosulfan sulfate	ND		3.9	0.73	
72-20-8	Endrin	ND		3.9	0.77	
7421-93-4	Endrin aldehyde	ND		3.9	1.0	
53494-70-5	Endrin ketone	ND		3.9	0.96	
58-89-9	gamma-BHC (Lindane)	ND		3.9	0.72	
5103-74-2	trans-Chlordane	ND		3.9	1.2	
76-44-8	Heptachlor	ND		3.9	0.85	
1024-57-3	Heptachlor epoxide	ND		3.9	1.0	
72-43-5	Methoxychlor	ND		3.9	0.80	
8001-35-2	Toxaphene	ND		39	23	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		45-120
877-09-8	Tetrachloro-m-xylene	97		30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' DUP | Lab Sample ID: 480-240036-13

Matrix: Solid | Lab File ID: 5_90189.D

Analysis Method: 8081B | Date Collected: 06/30/2026 13:00

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.09(g) | Date Analyzed: 07/02/2026 16:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 15.0 % Solids: 85.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.9	0.76	
72-55-9	4,4'-DDE	ND		3.9	0.82	
50-29-3	4,4'-DDT	ND		3.9	0.91	
319-85-7	beta-BHC	ND		3.9	0.70	
5103-71-9	cis-Chlordane	ND		3.9	1.9	
319-84-6	alpha-BHC	ND		3.9	0.70	
309-00-2	Aldrin	ND		3.9	0.96	
319-86-8	delta-BHC	ND		3.9	0.72	
60-57-1	Dieldrin	ND		3.9	0.94	
959-98-8	Endosulfan I	ND		3.9	0.75	
33213-65-9	Endosulfan II	ND		3.9	0.70	
1031-07-8	Endosulfan sulfate	ND		3.9	0.73	
72-20-8	Endrin	ND		3.9	0.77	
7421-93-4	Endrin aldehyde	ND		3.9	1.0	
53494-70-5	Endrin ketone	ND		3.9	0.96	
58-89-9	gamma-BHC (Lindane)	ND		3.9	0.72	
5103-74-2	trans-Chlordane	ND		3.9	1.2	
76-44-8	Heptachlor	ND		3.9	0.84	
1024-57-3	Heptachlor epoxide	ND		3.9	1.0	
72-43-5	Methoxychlor	ND		3.9	0.79	
8001-35-2	Toxaphene	ND		39	23	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	79		45-120
877-09-8	Tetrachloro-m-xylene	111		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 1-3' | Lab Sample ID: 480-240036-14

Matrix: Solid | Lab File ID: 5_90190.D

Analysis Method: 8081B | Date Collected: 06/30/2026 13:45

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.12(g) | Date Analyzed: 07/02/2026 16:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 13.5 % Solids: 86.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		77	15	
72-55-9	4,4'-DDE	ND		77	16	
50-29-3	4,4'-DDT	ND		77	18	
319-85-7	beta-BHC	ND		77	14	
5103-71-9	cis-Chlordane	ND		77	38	
319-84-6	alpha-BHC	ND		77	14	
309-00-2	Aldrin	ND		77	19	
319-86-8	delta-BHC	ND		77	14	
60-57-1	Dieldrin	ND		77	18	
959-98-8	Endosulfan I	ND		77	15	
33213-65-9	Endosulfan II	ND		77	14	
1031-07-8	Endosulfan sulfate	ND		77	14	
72-20-8	Endrin	ND		77	15	
7421-93-4	Endrin aldehyde	ND		77	20	
53494-70-5	Endrin ketone	ND		77	19	
58-89-9	gamma-BHC (Lindane)	ND		77	14	
5103-74-2	trans-Chlordane	ND		77	24	
76-44-8	Heptachlor	ND		77	17	
1024-57-3	Heptachlor epoxide	ND		77	20	
72-43-5	Methoxychlor	21	J	77	16	
8001-35-2	Toxaphene	ND		770	450	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124	S1+	45-120
877-09-8	Tetrachloro-m-xylene	175	S1+	30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 4-6' | Lab Sample ID: 480-240036-15

Matrix: Solid | Lab File ID: 5_90191.D

Analysis Method: 8081B | Date Collected: 06/30/2026 13:45

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.05(g) | Date Analyzed: 07/02/2026 16:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 13.2 % Solids: 86.8 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.8	0.74	
72-55-9	4,4'-DDE	ND		3.8	0.80	
50-29-3	4,4'-DDT	ND		3.8	0.90	
319-85-7	beta-BHC	ND		3.8	0.69	
5103-71-9	cis-Chlordane	ND		3.8	1.9	
319-84-6	alpha-BHC	ND		3.8	0.69	
309-00-2	Aldrin	ND		3.8	0.94	
319-86-8	delta-BHC	ND		3.8	0.71	
60-57-1	Dieldrin	ND		3.8	0.92	
959-98-8	Endosulfan I	ND		3.8	0.73	
33213-65-9	Endosulfan II	ND		3.8	0.69	
1031-07-8	Endosulfan sulfate	ND		3.8	0.71	
72-20-8	Endrin	ND		3.8	0.76	
7421-93-4	Endrin aldehyde	ND		3.8	0.98	
53494-70-5	Endrin ketone	ND		3.8	0.94	
58-89-9	gamma-BHC (Lindane)	ND		3.8	0.70	
5103-74-2	trans-Chlordane	ND		3.8	1.2	
76-44-8	Heptachlor	ND		3.8	0.83	
1024-57-3	Heptachlor epoxide	ND		3.8	0.99	
72-43-5	Methoxychlor	3.5	J	3.8	0.78	
8001-35-2	Toxaphene	ND		38	22	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	68		45-120
877-09-8	Tetrachloro-m-xylene	84		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: RI-MW-3 20-25' | Lab Sample ID: 480-240036-16

Matrix: Solid | Lab File ID: 5_90192.D

Analysis Method: 8081B | Date Collected: 06/30/2026 00:00

Extraction Method: 3546 | Date Extracted: 07/01/2026 13:26

Sample wt/vol: 15.19(g) | Date Analyzed: 07/02/2026 17:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 20.3 % Solids: 79.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779771 | Units: ug/Kg

Preparation Batch No.: 779730 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		4.1	0.80	
72-55-9	4,4'-DDE	ND		4.1	0.87	
50-29-3	4,4'-DDT	ND		4.1	0.97	
319-85-7	beta-BHC	ND		4.1	0.74	
5103-71-9	cis-Chlordane	ND		4.1	2.1	
319-84-6	alpha-BHC	ND		4.1	0.74	
309-00-2	Aldrin	ND		4.1	1.0	
319-86-8	delta-BHC	ND		4.1	0.77	
60-57-1	Dieldrin	ND		4.1	0.99	
959-98-8	Endosulfan I	ND		4.1	0.79	
33213-65-9	Endosulfan II	ND		4.1	0.74	
1031-07-8	Endosulfan sulfate	ND		4.1	0.77	
72-20-8	Endrin	ND		4.1	0.82	
7421-93-4	Endrin aldehyde	ND		4.1	1.1	
53494-70-5	Endrin ketone	ND		4.1	1.0	
58-89-9	gamma-BHC (Lindane)	ND		4.1	0.76	
5103-74-2	trans-Chlordane	ND		4.1	1.3	
76-44-8	Heptachlor	ND		4.1	0.89	
1024-57-3	Heptachlor epoxide	ND		4.1	1.1	
72-43-5	Methoxychlor	2.0	J	4.1	0.84	
8001-35-2	Toxaphene	ND		41	24	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	52		45-120
877-09-8	Tetrachloro-m-xylene	80		30-124

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Method 8082A

Polychlorinated Biphenyls (PCBs) (GC) by Method 8082A

No data validation qualifieres were added

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FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 1-3' | Lab Sample ID: 480-240036-1

Matrix: Solid | Lab File ID: 70013918.D

Analysis Method: 8082A | Date Collected: 06/30/2026 10:30

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.16(g) | Date Analyzed: 07/06/2026 12:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 18.9 % Solids: 81.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.29	0.056
11104-28-2	PCB-1221	ND		0.29	0.056
11141-16-5	PCB-1232	ND		0.29	0.056
53469-21-9	PCB-1242	ND		0.29	0.056
12672-29-6	PCB-1248	ND		0.29	0.056
11097-69-1	PCB-1254	ND		0.29	0.13
11096-82-5	PCB-1260	ND		0.29	0.13

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		60-154
2051-24-3	DCB Decachlorobiphenyl	89		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5' | Lab Sample ID: 480-240036-2

Matrix: Solid | Lab File ID: 70013919.D

Analysis Method: 8082A | Date Collected: 06/30/2026 10:30

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.26(g) | Date Analyzed: 07/06/2026 12:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 15.1 % Solids: 84.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.26	0.051
11104-28-2	PCB-1221	ND		0.26	0.051
11141-16-5	PCB-1232	ND		0.26	0.051
53469-21-9	PCB-1242	ND		0.26	0.051
12672-29-6	PCB-1248	ND		0.26	0.051
11097-69-1	PCB-1254	ND		0.26	0.12
11096-82-5	PCB-1260	ND		0.26	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		60-154
2051-24-3	DCB Decachlorobiphenyl	89		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6' | Lab Sample ID: 480-240036-3

Matrix: Solid | Lab File ID: 70013920.D

Analysis Method: 8082A | Date Collected: 06/30/2026 10:30

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.04(g) | Date Analyzed: 07/06/2026 12:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 17.8 % Solids: 82.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.30	0.058
11104-28-2	PCB-1221	ND		0.30	0.058
11141-16-5	PCB-1232	ND		0.30	0.058
53469-21-9	PCB-1242	ND		0.30	0.058
12672-29-6	PCB-1248	ND		0.30	0.058
11097-69-1	PCB-1254	ND		0.30	0.14
11096-82-5	PCB-1260	ND		0.30	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	93		60-154
2051-24-3	DCB Decachlorobiphenyl	80		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 1-3' | Lab Sample ID: 480-240036-4

Matrix: Solid | Lab File ID: 70013921.D

Analysis Method: 8082A | Date Collected: 06/30/2026 09:30

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.01(g) | Date Analyzed: 07/06/2026 12:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 13.8 % Solids: 86.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.29	0.056
11104-28-2	PCB-1221	ND		0.29	0.056
11141-16-5	PCB-1232	ND		0.29	0.056
53469-21-9	PCB-1242	ND		0.29	0.056
12672-29-6	PCB-1248	ND		0.29	0.056
11097-69-1	PCB-1254	ND		0.29	0.14
11096-82-5	PCB-1260	ND		0.29	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	96		60-154
2051-24-3	DCB Decachlorobiphenyl	83		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 4-6' | Lab Sample ID: 480-240036-5

Matrix: Solid | Lab File ID: 70013916.D

Analysis Method: 8082A | Date Collected: 06/30/2026 09:30

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.01(g) | Date Analyzed: 07/06/2026 11:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 15.9 % Solids: 84.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.30	0.058
11104-28-2	PCB-1221	ND		0.30	0.058
11141-16-5	PCB-1232	ND		0.30	0.058
53469-21-9	PCB-1242	ND		0.30	0.058
12672-29-6	PCB-1248	ND		0.30	0.058
11097-69-1	PCB-1254	ND		0.30	0.14
11096-82-5	PCB-1260	ND		0.30	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		60-154
2051-24-3	DCB Decachlorobiphenyl	94		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' | Lab Sample ID: 480-240036-6

Matrix: Solid | Lab File ID: 70013922.D

Analysis Method: 8082A | Date Collected: 06/30/2026 11:15

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.10(g) | Date Analyzed: 07/06/2026 13:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 30.2 % Solids: 69.8 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.34	0.067
11104-28-2	PCB-1221	ND		0.34	0.067
11141-16-5	PCB-1232	ND		0.34	0.067
53469-21-9	PCB-1242	ND		0.34	0.067
12672-29-6	PCB-1248	ND		0.34	0.067
11097-69-1	PCB-1254	ND		0.34	0.16
11096-82-5	PCB-1260	ND		0.34	0.16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	90		60-154
2051-24-3	DCB Decachlorobiphenyl	77		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 4-6' | Lab Sample ID: 480-240036-7

Matrix: Solid | Lab File ID: 70014064.D

Analysis Method: 8082A | Date Collected: 06/30/2026 11:15

Extraction Method: 3550C | Date Extracted: 07/08/2026 13:02

Sample wt/vol: 2.07(g) | Date Analyzed: 07/09/2026 08:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 15.7 % Solids: 84.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780128 | Units: mg/Kg

Preparation Batch No.: 780170 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.29	0.056
11104-28-2	PCB-1221	ND		0.29	0.056
11141-16-5	PCB-1232	ND		0.29	0.056
53469-21-9	PCB-1242	ND		0.29	0.056
12672-29-6	PCB-1248	ND		0.29	0.056
11097-69-1	PCB-1254	ND		0.29	0.13
11096-82-5	PCB-1260	ND		0.29	0.13

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	87		60-154
2051-24-3	DCB Decachlorobiphenyl	68		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3' | Lab Sample ID: 480-240036-8

Matrix: Solid | Lab File ID: 70013923.D

Analysis Method: 8082A | Date Collected: 06/30/2026 12:30

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.03(g) | Date Analyzed: 07/06/2026 13:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 18.6 % Solids: 81.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.30	0.059
11104-28-2	PCB-1221	ND		0.30	0.059
11141-16-5	PCB-1232	ND		0.30	0.059
53469-21-9	PCB-1242	ND		0.30	0.059
12672-29-6	PCB-1248	ND		0.30	0.059
11097-69-1	PCB-1254	ND		0.30	0.14
11096-82-5	PCB-1260	ND		0.30	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		60-154
2051-24-3	DCB Decachlorobiphenyl	78		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' | Lab Sample ID: 480-240036-9

Matrix: Solid | Lab File ID: 70013924.D

Analysis Method: 8082A | Date Collected: 06/30/2026 12:30

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.02(g) | Date Analyzed: 07/06/2026 13:54

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 16.4 % Solids: 83.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.30	0.058
11104-28-2	PCB-1221	ND		0.30	0.058
11141-16-5	PCB-1232	ND		0.30	0.058
53469-21-9	PCB-1242	ND		0.30	0.058
12672-29-6	PCB-1248	ND		0.30	0.058
11097-69-1	PCB-1254	ND		0.30	0.14
11096-82-5	PCB-1260	ND		0.30	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		60-154
2051-24-3	DCB Decachlorobiphenyl	86		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' DUP | Lab Sample ID: 480-240036-10

Matrix: Solid | Lab File ID: 70013925.D

Analysis Method: 8082A | Date Collected: 06/30/2026 12:30

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.03(g) | Date Analyzed: 07/06/2026 14:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 15.0 % Solids: 85.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.29	0.057
11104-28-2	PCB-1221	ND		0.29	0.057
11141-16-5	PCB-1232	ND		0.29	0.057
53469-21-9	PCB-1242	ND		0.29	0.057
12672-29-6	PCB-1248	ND		0.29	0.057
11097-69-1	PCB-1254	ND		0.29	0.14
11096-82-5	PCB-1260	ND		0.29	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	96		60-154
2051-24-3	DCB Decachlorobiphenyl	85		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2' | Lab Sample ID: 480-240036-11

Matrix: Solid | Lab File ID: 70013926.D

Analysis Method: 8082A | Date Collected: 06/30/2026 13:00

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.32(g) | Date Analyzed: 07/06/2026 14:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 14.1 % Solids: 85.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.25	0.049
11104-28-2	PCB-1221	ND		0.25	0.049
11141-16-5	PCB-1232	ND		0.25	0.049
53469-21-9	PCB-1242	ND		0.25	0.049
12672-29-6	PCB-1248	ND		0.25	0.049
11097-69-1	PCB-1254	ND		0.25	0.12
11096-82-5	PCB-1260	ND		0.25	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	97		60-154
2051-24-3	DCB Decachlorobiphenyl	89		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' | Lab Sample ID: 480-240036-12

Matrix: Solid | Lab File ID: 70013927.D

Analysis Method: 8082A | Date Collected: 06/30/2026 13:00

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.16(g) | Date Analyzed: 07/06/2026 14:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 15.7 % Solids: 84.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.27	0.054
11104-28-2	PCB-1221	ND		0.27	0.054
11141-16-5	PCB-1232	ND		0.27	0.054
53469-21-9	PCB-1242	ND		0.27	0.054
12672-29-6	PCB-1248	ND		0.27	0.054
11097-69-1	PCB-1254	ND		0.27	0.13
11096-82-5	PCB-1260	ND		0.27	0.13

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	102		60-154
2051-24-3	DCB Decachlorobiphenyl	91		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' DUP | Lab Sample ID: 480-240036-13

Matrix: Solid | Lab File ID: 70013928.D

Analysis Method: 8082A | Date Collected: 06/30/2026 13:00

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.11(g) | Date Analyzed: 07/06/2026 15:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 15.0 % Solids: 85.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.28	0.055
11104-28-2	PCB-1221	ND		0.28	0.055
11141-16-5	PCB-1232	ND		0.28	0.055
53469-21-9	PCB-1242	ND		0.28	0.055
12672-29-6	PCB-1248	ND		0.28	0.055
11097-69-1	PCB-1254	ND		0.28	0.13
11096-82-5	PCB-1260	ND		0.28	0.13

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		60-154
2051-24-3	DCB Decachlorobiphenyl	87		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 1-3' | Lab Sample ID: 480-240036-14

Matrix: Solid | Lab File ID: 70013929.D

Analysis Method: 8082A | Date Collected: 06/30/2026 13:45

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.21(g) | Date Analyzed: 07/06/2026 15:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 13.5 % Solids: 86.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.26	0.051
11104-28-2	PCB-1221	ND		0.26	0.051
11141-16-5	PCB-1232	ND		0.26	0.051
53469-21-9	PCB-1242	ND		0.26	0.051
12672-29-6	PCB-1248	ND		0.26	0.051
11097-69-1	PCB-1254	ND		0.26	0.12
11096-82-5	PCB-1260	ND		0.26	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	99		60-154
2051-24-3	DCB Decachlorobiphenyl	87		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 4-6' | Lab Sample ID: 480-240036-15

Matrix: Solid | Lab File ID: 70013932.D

Analysis Method: 8082A | Date Collected: 06/30/2026 13:45

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.14(g) | Date Analyzed: 07/06/2026 16:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 13.2 % Solids: 86.8 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.27	0.053
11104-28-2	PCB-1221	ND		0.27	0.053
11141-16-5	PCB-1232	ND		0.27	0.053
53469-21-9	PCB-1242	ND		0.27	0.053
12672-29-6	PCB-1248	ND		0.27	0.053
11097-69-1	PCB-1254	ND		0.27	0.13
11096-82-5	PCB-1260	ND		0.27	0.13

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	93		60-154
2051-24-3	DCB Decachlorobiphenyl	79		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: RI-MW-3 20-25' | Lab Sample ID: 480-240036-16

Matrix: Solid | Lab File ID: 70013933.D

Analysis Method: 8082A | Date Collected: 06/30/2026 00:00

Extraction Method: 3550C | Date Extracted: 07/02/2026 08:41

Sample wt/vol: 2.05(g) | Date Analyzed: 07/06/2026 16:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 20.3 % Solids: 79.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779890 | Units: mg/Kg

Preparation Batch No.: 779787 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.31	0.060
11104-28-2	PCB-1221	ND		0.31	0.060
11141-16-5	PCB-1232	ND		0.31	0.060
53469-21-9	PCB-1242	ND		0.31	0.060
12672-29-6	PCB-1248	ND		0.31	0.060
11097-69-1	PCB-1254	ND		0.31	0.14
11096-82-5	PCB-1260	ND		0.31	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	91		60-154
2051-24-3	DCB Decachlorobiphenyl	77		65-174

1633A

Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1

Matrix: Solid
Lab File ID: 26JUL11E-38.d

Analysis Method: 1633A
Date Collected: 06/30/2026 10:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.54(g)
Date Analyzed: 07/12/2026 11:47

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 18.9 % Solids: 81.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.097
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.097
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.20		0.19	0.097
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	3.6		0.19	0.097
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1

Matrix: Solid
Lab File ID: 26JUL11E-38.d

Analysis Method: 1633A
Date Collected: 06/30/2026 10:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.54(g)
Date Analyzed: 07/12/2026 11:47

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 18.9 % Solids: 81.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.097	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.097	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.49	

MKP 7/31/2026

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1

Matrix: Solid
Lab File ID: 26JUL11E-38.d

Analysis Method: 1633A
Date Collected: 06/30/2026 10:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.54(g)
Date Analyzed: 07/12/2026 11:47

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 18.9 % Solids: 81.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	87.9		8-130
2283397-79-3	13C5 PFPeA	89.6		35-130
2328024-54-8	13C5 PFHxA	83.8		40-130
2328024-55-9	13C4 PFHpA	87.0		40-130
1350614-84-4	13C8 PFOA	78.3		40-130
2283397-80-6	13C9 PFNA	78.6		40-130
2328024-56-0	13C6 PFDA	70.8		40-130
STL02580	13C7 PFUnA	68.8		40-130
STL02116	13C2 PFTeDA	59.1		20-130
2708218-83-9	13C3 PFBS	75.9		40-135
2708218-85-1	13C3 PFHxS	69.1		40-130
2265893-05-6	13C8 PFOS	55.7		40-130
STL01056	13C8 FOSA	68.8		40-130
1400690-70-1	d3-NMeFOSAA	73.1		40-135
1265205-97-7	d5-NEtFOSAA	67.5		40-150
STL02395	13C2 4:2 FTS	72.1		40-165
STL02279	13C2 6:2 FTS	80.7		40-215
STL02280	13C2 8:2 FTS	73.1		40-275
STL02255	13C3 HFPO-DA	81.3		40-130
STL02277	d7-N-MeFOSE-M	42.1		20-130
STL02278	d9-N-EtFOSE-M	38.8		15-130
STL02704	d5-NEtPFOSA	44.6		10-130
STL02705	d3-NMePFOSA	53.9		10-130
960315-52-0	13C2 PFDoA	61.7		40-130
STL03731	13C3-PFDoS	44.0		20-150
STL03747	13C3-3:3 FTCA	87.8		20-150
STL03748	13C3-5:3 FTCA	83.7		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2

Matrix: Solid
Lab File ID: 26JUL11E-39.d

Analysis Method: 1633A
Date Collected: 06/30/2026 10:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.40(g)
Date Analyzed: 07/12/2026 12:01

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.1 % Solids: 84.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.11	J	0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2

Matrix: Solid
Lab File ID: 26JUL11E-39.d

Analysis Method: 1633A
Date Collected: 06/30/2026 10:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.40(g)
Date Analyzed: 07/12/2026 12:01

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.1 % Solids: 84.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2

Matrix: Solid
Lab File ID: 26JUL11E-39.d

Analysis Method: 1633A
Date Collected: 06/30/2026 10:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.40(g)
Date Analyzed: 07/12/2026 12:01

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.1 % Solids: 84.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	92.4		8-130
2283397-79-3	13C5 PFPeA	100		35-130
2328024-54-8	13C5 PFHxA	93.1		40-130
2328024-55-9	13C4 PFHpA	102		40-130
1350614-84-4	13C8 PFOA	88.6		40-130
2283397-80-6	13C9 PFNA	94.5		40-130
2328024-56-0	13C6 PFDA	84.6		40-130
STL02580	13C7 PFUnA	81.7		40-130
STL02116	13C2 PFTeDA	81.3		20-130
2708218-83-9	13C3 PFBS	86.2		40-135
2708218-85-1	13C3 PFHxS	83.5		40-130
2265893-05-6	13C8 PFOS	74.5		40-130
STL01056	13C8 FOSA	76.0		40-130
1400690-70-1	d3-NMeFOSAA	76.6		40-135
1265205-97-7	d5-NEtFOSAA	74.6		40-150
STL02395	13C2 4:2 FTS	78.6		40-165
STL02279	13C2 6:2 FTS	83.5		40-215
STL02280	13C2 8:2 FTS	70.9		40-275
STL02255	13C3 HFPO-DA	86.8		40-130
STL02277	d7-N-MeFOSE-M	51.3		20-130
STL02278	d9-N-EtFOSE-M	48.7		15-130
STL02704	d5-NEtPFOSA	58.7		10-130
STL02705	d3-NMePFOSA	67.5		10-130
960315-52-0	13C2 PFDoA	74.6		40-130
STL03731	13C3-PFDoS	59.6		20-150
STL03747	13C3-3:3 FTCA	96.6		20-150
STL03748	13C3-5:3 FTCA	93.6		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3

Matrix: Solid
Lab File ID: 26JUL11E-40.d

Analysis Method: 1633A
Date Collected: 06/30/2026 10:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.53(g)
Date Analyzed: 07/12/2026 12:15

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 17.8 % Solids: 82.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.38	0.096
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.096
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.18	J	0.19	0.096
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6' Lab Sample ID: 480-240036-3

Matrix: Solid Lab File ID: 26JUL11E-40.d

Analysis Method: 1633A Date Collected: 06/30/2026 10:30

Extraction Method: 1633A Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.53(g) Date Analyzed: 07/12/2026 12:15

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 17.8 % Solids: 82.2 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014 Units: ng/g

Preparation Batch No.: 846397 Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.096	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.096	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3

Matrix: Solid
Lab File ID: 26JUL11E-40.d

Analysis Method: 1633A
Date Collected: 06/30/2026 10:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.53(g)
Date Analyzed: 07/12/2026 12:15

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 17.8 % Solids: 82.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	77.1		8-130
2283397-79-3	13C5 PFPeA	83.6		35-130
2328024-54-8	13C5 PFHxA	80.1		40-130
2328024-55-9	13C4 PFHpA	84.8		40-130
1350614-84-4	13C8 PFOA	77.8		40-130
2283397-80-6	13C9 PFNA	80.0		40-130
2328024-56-0	13C6 PFDA	74.4		40-130
STL02580	13C7 PFUnA	75.7		40-130
STL02116	13C2 PFTeDA	69.9		20-130
2708218-83-9	13C3 PFBS	72.4		40-135
2708218-85-1	13C3 PFHxS	70.1		40-130
2265893-05-6	13C8 PFOS	68.2		40-130
STL01056	13C8 FOSA	62.3		40-130
1400690-70-1	d3-NMeFOSAA	65.1		40-135
1265205-97-7	d5-NEtFOSAA	60.8		40-150
STL02395	13C2 4:2 FTS	64.1		40-165
STL02279	13C2 6:2 FTS	63.0		40-215
STL02280	13C2 8:2 FTS	62.1		40-275
STL02255	13C3 HFPO-DA	75.9		40-130
STL02277	d7-N-MeFOSE-M	53.3		20-130
STL02278	d9-N-EtFOSE-M	47.5		15-130
STL02704	d5-NEtPFOSA	48.5		10-130
STL02705	d3-NMePFOSA	56.9		10-130
960315-52-0	13C2 PFDoA	65.3		40-130
STL03731	13C3-PFDoS	56.9		20-150
STL03747	13C3-3:3 FTCA	75.2		20-150
STL03748	13C3-5:3 FTCA	74.2		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4

Matrix: Solid
Lab File ID: 26JUL11E-41.d

Analysis Method: 1633A
Date Collected: 06/30/2026 09:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.40(g)
Date Analyzed: 07/12/2026 12:28

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.8 % Solids: 86.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.10	J	0.39	0.097
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.17	J	0.19	0.097
307-24-4	Perfluorohexanoic acid (PFHxA)	0.097	J	0.19	0.097
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097
335-67-1	Perfluorooctanoic acid (PFOA)	0.24		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.097
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.53		0.19	0.097
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 1-3' Lab Sample ID: 480-240036-4

Matrix: Solid Lab File ID: 26JUL11E-41.d

Analysis Method: 1633A Date Collected: 06/30/2026 09:30

Extraction Method: 1633A Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.40(g) Date Analyzed: 07/12/2026 12:28

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.8 % Solids: 86.2 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014 Units: ng/g

Preparation Batch No.: 846397 Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.097	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.097	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4

Matrix: Solid
Lab File ID: 26JUL11E-41.d

Analysis Method: 1633A
Date Collected: 06/30/2026 09:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.40(g)
Date Analyzed: 07/12/2026 12:28

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.8 % Solids: 86.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	77.5		8-130
2283397-79-3	13C5 PFPeA	88.4		35-130
2328024-54-8	13C5 PFHxA	83.9		40-130
2328024-55-9	13C4 PFHpA	90.8		40-130
1350614-84-4	13C8 PFOA	77.3		40-130
2283397-80-6	13C9 PFNA	82.8		40-130
2328024-56-0	13C6 PFDA	77.4		40-130
STL02580	13C7 PFUnA	75.1		40-130
STL02116	13C2 PFTeDA	70.0		20-130
2708218-83-9	13C3 PFBS	73.0		40-135
2708218-85-1	13C3 PFHxS	73.7		40-130
2265893-05-6	13C8 PFOS	69.2		40-130
STL01056	13C8 FOSA	69.0		40-130
1400690-70-1	d3-NMeFOSAA	75.2		40-135
1265205-97-7	d5-NEtFOSAA	70.2		40-150
STL02395	13C2 4:2 FTS	64.8		40-165
STL02279	13C2 6:2 FTS	79.8		40-215
STL02280	13C2 8:2 FTS	68.7		40-275
STL02255	13C3 HFPO-DA	77.7		40-130
STL02277	d7-N-MeFOSE-M	52.8		20-130
STL02278	d9-N-EtFOSE-M	47.1		15-130
STL02704	d5-NEtPFOSA	55.2		10-130
STL02705	d3-NMePFOSA	62.6		10-130
960315-52-0	13C2 PFDoA	68.5		40-130
STL03731	13C3-PFDoS	55.4		20-150
STL03747	13C3-3:3 FTCA	84.7		20-150
STL03748	13C3-5:3 FTCA	86.2		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5

Matrix: Solid
Lab File ID: 26JUL11E-42.d

Analysis Method: 1633A
Date Collected: 06/30/2026 09:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.42(g)
Date Analyzed: 07/12/2026 12:42

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.9 % Solids: 84.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	0.077	J	0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5

Matrix: Solid
Lab File ID: 26JUL11E-42.d

Analysis Method: 1633A
Date Collected: 06/30/2026 09:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.42(g)
Date Analyzed: 07/12/2026 12:42

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.9 % Solids: 84.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5

Matrix: Solid
Lab File ID: 26JUL11E-42.d

Analysis Method: 1633A
Date Collected: 06/30/2026 09:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.42(g)
Date Analyzed: 07/12/2026 12:42

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.9 % Solids: 84.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	85.4		8-130
2283397-79-3	13C5 PFPeA	96.6		35-130
2328024-54-8	13C5 PFHxA	85.3		40-130
2328024-55-9	13C4 PFHpA	94.7		40-130
1350614-84-4	13C8 PFOA	81.5		40-130
2283397-80-6	13C9 PFNA	80.1		40-130
2328024-56-0	13C6 PFDA	72.4		40-130
STL02580	13C7 PFUnA	65.7		40-130
STL02116	13C2 PFTeDA	53.8		20-130
2708218-83-9	13C3 PFBS	81.1		40-135
2708218-85-1	13C3 PFHxS	77.1		40-130
2265893-05-6	13C8 PFOS	64.2		40-130
STL01056	13C8 FOSA	58.7		40-130
1400690-70-1	d3-NMeFOSAA	57.9		40-135
1265205-97-7	d5-NEtFOSAA	53.0		40-150
STL02395	13C2 4:2 FTS	78.6		40-165
STL02279	13C2 6:2 FTS	70.8		40-215
STL02280	13C2 8:2 FTS	57.6		40-275
STL02255	13C3 HFPO-DA	84.5		40-130
STL02277	d7-N-MeFOSE-M	29.3		20-130
STL02278	d9-N-EtFOSE-M	28.9		15-130
STL02704	d5-NEtPFOSA	42.0		10-130
STL02705	d3-NMePFOSA	50.8		10-130
960315-52-0	13C2 PFDoA	59.2		40-130
STL03731	13C3-PFDoS	43.3		20-150
STL03747	13C3-3:3 FTCA	86.3		20-150
STL03748	13C3-5:3 FTCA	79.2		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6

Matrix: Solid
Lab File ID: 26JUL11E-45.d

Analysis Method: 1633A
Date Collected: 06/30/2026 11:15

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.87(g)
Date Analyzed: 07/12/2026 13:23

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 30.2 % Solids: 69.8
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.13	J	0.40	0.10
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.14	J	0.20	0.10
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10
335-67-1	Perfluorooctanoic acid (PFOA)	0.21		0.20	0.060
375-95-1	Perfluorononanoic acid (PFNA)	0.18	J	0.20	0.10
335-76-2	Perfluorodecanoic acid (PFDA)	0.19	J	0.20	0.060
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.15	J	0.20	0.10
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.43		0.20	0.10
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.15	J	0.20	0.10
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6

Matrix: Solid
Lab File ID: 26JUL11E-45.d

Analysis Method: 1633A
Date Collected: 06/30/2026 11:15

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.87(g)
Date Analyzed: 07/12/2026 13:23

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 30.2 % Solids: 69.8
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.11	J	0.20	0.10	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.80	J	1.0	0.50	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.4		1.0	0.50	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.10	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.10	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6

Matrix: Solid
Lab File ID: 26JUL11E-45.d

Analysis Method: 1633A
Date Collected: 06/30/2026 11:15

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.87(g)
Date Analyzed: 07/12/2026 13:23

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 30.2 % Solids: 69.8
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	73.9		8-130
2283397-79-3	13C5 PFPeA	82.9		35-130
2328024-54-8	13C5 PFHxA	78.6		40-130
2328024-55-9	13C4 PFHpA	81.0		40-130
1350614-84-4	13C8 PFOA	75.9		40-130
2283397-80-6	13C9 PFNA	80.5		40-130
2328024-56-0	13C6 PFDA	67.9		40-130
STL02580	13C7 PFUnA	67.6		40-130
STL02116	13C2 PFTeDA	61.1		20-130
2708218-83-9	13C3 PFBS	72.3		40-135
2708218-85-1	13C3 PFHxS	69.3		40-130
2265893-05-6	13C8 PFOS	67.1		40-130
STL01056	13C8 FOSA	58.5		40-130
1400690-70-1	d3-NMeFOSAA	65.8		40-135
1265205-97-7	d5-NEtFOSAA	67.5		40-150
STL02395	13C2 4:2 FTS	79.8		40-165
STL02279	13C2 6:2 FTS	85.7		40-215
STL02280	13C2 8:2 FTS	66.9		40-275
STL02255	13C3 HFPO-DA	74.2		40-130
STL02277	d7-N-MeFOSE-M	37.8		20-130
STL02278	d9-N-EtFOSE-M	36.9		15-130
STL02704	d5-NEtPFOSA	48.4		10-130
STL02705	d3-NMePFOSA	55.2		10-130
960315-52-0	13C2 PFDoA	64.2		40-130
STL03731	13C3-PFDoS	51.2		20-150
STL03747	13C3-3:3 FTCA	81.5		20-150
STL03748	13C3-5:3 FTCA	75.0		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7

Matrix: Solid
Lab File ID: 26Jul10-335.d

Analysis Method: 1633A
Date Collected: 06/30/2026 11:15

Extraction Method: 1633A
Date Extracted: 07/06/2026 14:16

Sample wt/vol: 2.43(g)
Date Analyzed: 07/10/2026 22:52

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.7 % Solids: 84.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849415
Units: ng/g

Preparation Batch No.: 846677
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	
335-67-1	Perfluorooctanoic acid (PFOA)	ND	F1	0.20	0.059	UJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098	
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7

Matrix: Solid
Lab File ID: 26Jul10-335.d

Analysis Method: 1633A
Date Collected: 06/30/2026 11:15

Extraction Method: 1633A
Date Extracted: 07/06/2026 14:16

Sample wt/vol: 2.43(g)
Date Analyzed: 07/10/2026 22:52

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.7 % Solids: 84.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849415
Units: ng/g

Preparation Batch No.: 846677
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7

Matrix: Solid
Lab File ID: 26Jul10-335.d

Analysis Method: 1633A
Date Collected: 06/30/2026 11:15

Extraction Method: 1633A
Date Extracted: 07/06/2026 14:16

Sample wt/vol: 2.43(g)
Date Analyzed: 07/10/2026 22:52

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.7 % Solids: 84.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849415
Units: ng/g

Preparation Batch No.: 846677
Instrument ID: 30637

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	105		8-130
2283397-79-3	13C5 PFPeA	113		35-130
2328024-54-8	13C5 PFHxA	111		40-130
2328024-55-9	13C4 PFHpA	116		40-130
1350614-84-4	13C8 PFOA	77.8		40-130
2283397-80-6	13C9 PFNA	120		40-130
2328024-56-0	13C6 PFDA	127		40-130
STL02580	13C7 PFUnA	126		40-130
STL02116	13C2 PFTeDA	88.4		20-130
2708218-83-9	13C3 PFBS	100		40-135
2708218-85-1	13C3 PFHxS	105		40-130
2265893-05-6	13C8 PFOS	113		40-130
STL01056	13C8 FOSA	103		40-130
1400690-70-1	d3-NMeFOSAA	98.2		40-135
1265205-97-7	d5-NEtFOSAA	137		40-150
STL02395	13C2 4:2 FTS	120		40-165
STL02279	13C2 6:2 FTS	113		40-215
STL02280	13C2 8:2 FTS	99.1		40-275
STL02255	13C3 HFPO-DA	119		40-130
STL02277	d7-N-MeFOSE-M	51.9		20-130
STL02278	d9-N-EtFOSE-M	41.5		15-130
STL02704	d5-NEtPFOSA	73.1		10-130
STL02705	d3-NMePFOSA	89.9		10-130
960315-52-0	13C2 PFDoA	110		40-130
STL03731	13C3-PFDoS	85.6		20-150
STL03747	13C3-3:3 FTCA	115		20-150
STL03748	13C3-5:3 FTCA	97.9		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8

Matrix: Solid
Lab File ID: 26Jul10-338.d

Analysis Method: 1633A
Date Collected: 06/30/2026 12:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 14:16

Sample wt/vol: 2.54(g)
Date Analyzed: 07/10/2026 23:32

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 18.6 % Solids: 81.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849415
Units: ng/g

Preparation Batch No.: 846677
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.097
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.097
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3' Lab Sample ID: 480-240036-8

Matrix: Solid Lab File ID: 26Jul10-338.d

Analysis Method: 1633A Date Collected: 06/30/2026 12:30

Extraction Method: 1633A Date Extracted: 07/06/2026 14:16

Sample wt/vol: 2.54(g) Date Analyzed: 07/10/2026 23:32

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 10(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 18.6 % Solids: 81.4 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849415 Units: ng/g

Preparation Batch No.: 846677 Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.097	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.097	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8

Matrix: Solid
Lab File ID: 26Jul10-338.d

Analysis Method: 1633A
Date Collected: 06/30/2026 12:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 14:16

Sample wt/vol: 2.54(g)
Date Analyzed: 07/10/2026 23:32

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 18.6 % Solids: 81.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849415
Units: ng/g

Preparation Batch No.: 846677
Instrument ID: 30637

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	94.4		8-130
2283397-79-3	13C5 PFPeA	108		35-130
2328024-54-8	13C5 PFHxA	104		40-130
2328024-55-9	13C4 PFHpA	109		40-130
1350614-84-4	13C8 PFOA	69.4		40-130
2283397-80-6	13C9 PFNA	97.3		40-130
2328024-56-0	13C6 PFDA	99.6		40-130
STL02580	13C7 PFUnA	99.1		40-130
STL02116	13C2 PFTeDA	80.5		20-130
2708218-83-9	13C3 PFBS	96.6		40-135
2708218-85-1	13C3 PFHxS	94.2		40-130
2265893-05-6	13C8 PFOS	88.7		40-130
STL01056	13C8 FOSA	86.5		40-130
1400690-70-1	d3-NMeFOSAA	88.6		40-135
1265205-97-7	d5-NEtFOSAA	119		40-150
STL02395	13C2 4:2 FTS	140		40-165
STL02279	13C2 6:2 FTS	115		40-215
STL02280	13C2 8:2 FTS	96.1		40-275
STL02255	13C3 HFPO-DA	112		40-130
STL02277	d7-N-MeFOSE-M	62.4		20-130
STL02278	d9-N-EtFOSE-M	58.8		15-130
STL02704	d5-NEtPFOSA	72.9		10-130
STL02705	d3-NMePFOSA	83.0		10-130
960315-52-0	13C2 PFDoA	89.6		40-130
STL03731	13C3-PFDoS	77.8		20-150
STL03747	13C3-3:3 FTCA	105		20-150
STL03748	13C3-5:3 FTCA	95.0		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9

Matrix: Solid
Lab File ID: 26JUL11E-46.d

Analysis Method: 1633A
Date Collected: 06/30/2026 12:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.48(g)
Date Analyzed: 07/12/2026 13:36

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.4 % Solids: 83.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.096
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.096
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.096
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9

Matrix: Solid
Lab File ID: 26JUL11E-46.d

Analysis Method: 1633A
Date Collected: 06/30/2026 12:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.48(g)
Date Analyzed: 07/12/2026 13:36

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.4 % Solids: 83.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.096	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.096	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9

Matrix: Solid
Lab File ID: 26JUL11E-46.d

Analysis Method: 1633A
Date Collected: 06/30/2026 12:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.48(g)
Date Analyzed: 07/12/2026 13:36

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.4 % Solids: 83.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	77.5		8-130
2283397-79-3	13C5 PFPeA	78.6		35-130
2328024-54-8	13C5 PFHxA	76.0		40-130
2328024-55-9	13C4 PFHpA	80.2		40-130
1350614-84-4	13C8 PFOA	75.6		40-130
2283397-80-6	13C9 PFNA	75.5		40-130
2328024-56-0	13C6 PFDA	67.8		40-130
STL02580	13C7 PFUnA	58.6		40-130
STL02116	13C2 PFTeDA	41.5		20-130
2708218-83-9	13C3 PFBS	69.3		40-135
2708218-85-1	13C3 PFHxS	69.9		40-130
2265893-05-6	13C8 PFOS	64.9		40-130
STL01056	13C8 FOSA	57.9		40-130
1400690-70-1	d3-NMeFOSAA	54.7		40-135
1265205-97-7	d5-NEtFOSAA	48.2		40-150
STL02395	13C2 4:2 FTS	62.6		40-165
STL02279	13C2 6:2 FTS	64.9		40-215
STL02280	13C2 8:2 FTS	57.3		40-275
STL02255	13C3 HFPO-DA	75.6		40-130
STL02277	d7-N-MeFOSE-M	22.9		20-130
STL02278	d9-N-EtFOSE-M	19.1		15-130
STL02704	d5-NEtPFOSA	36.7		10-130
STL02705	d3-NMePFOSA	47.6		10-130
960315-52-0	13C2 PFDoA	48.8		40-130
STL03731	13C3-PFDoS	35.3		20-150
STL03747	13C3-3:3 FTCA	84.4		20-150
STL03748	13C3-5:3 FTCA	70.3		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' DUP
Lab Sample ID: 480-240036-10

Matrix: Solid
Lab File ID: 26JUL11E-47.d

Analysis Method: 1633A
Date Collected: 06/30/2026 12:30

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.39(g)
Date Analyzed: 07/12/2026 13:50

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.0 % Solids: 85.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' DUP Lab Sample ID: 480-240036-10

Matrix: Solid Lab File ID: 26JUL11E-47.d

Analysis Method: 1633A Date Collected: 06/30/2026 12:30

Extraction Method: 1633A Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.39(g) Date Analyzed: 07/12/2026 13:50

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.0 % Solids: 85.0 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014 Units: ng/g

Preparation Batch No.: 846397 Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' DUP Lab Sample ID: 480-240036-10

Matrix: Solid Lab File ID: 26JUL11E-47.d

Analysis Method: 1633A Date Collected: 06/30/2026 12:30

Extraction Method: 1633A Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.39(g) Date Analyzed: 07/12/2026 13:50

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.0 % Solids: 85.0 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014 Units: ng/g

Preparation Batch No.: 846397 Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	74.3		8-130
2283397-79-3	13C5 PFPeA	77.6		35-130
2328024-54-8	13C5 PFHxA	74.5		40-130
2328024-55-9	13C4 PFHpA	79.3		40-130
1350614-84-4	13C8 PFOA	76.1		40-130
2283397-80-6	13C9 PFNA	73.9		40-130
2328024-56-0	13C6 PFDA	70.6		40-130
STL02580	13C7 PFUnA	68.1		40-130
STL02116	13C2 PFTeDA	54.0		20-130
2708218-83-9	13C3 PFBS	65.1		40-135
2708218-85-1	13C3 PFHxS	73.1		40-130
2265893-05-6	13C8 PFOS	67.4		40-130
STL01056	13C8 FOSA	60.7		40-130
1400690-70-1	d3-NMeFOSAA	58.9		40-135
1265205-97-7	d5-NEtFOSAA	55.5		40-150
STL02395	13C2 4:2 FTS	59.3		40-165
STL02279	13C2 6:2 FTS	64.3		40-215
STL02280	13C2 8:2 FTS	53.4		40-275
STL02255	13C3 HFPO-DA	71.1		40-130
STL02277	d7-N-MeFOSE-M	32.0		20-130
STL02278	d9-N-EtFOSE-M	28.8		15-130
STL02704	d5-NEtPFOSA	43.7		10-130
STL02705	d3-NMePFOSA	54.0		10-130
960315-52-0	13C2 PFDoA	57.6		40-130
STL03731	13C3-PFDoS	46.9		20-150
STL03747	13C3-3:3 FTCA	76.8		20-150
STL03748	13C3-5:3 FTCA	70.4		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2'
Lab Sample ID: 480-240036-11

Matrix: Solid
Lab File ID: 26JUL11E-48.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:00

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.34(g)
Date Analyzed: 07/12/2026 14:03

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.1 % Solids: 85.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.40	0.099
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.060
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.099
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.060
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.10	J	0.20	0.099
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2'
Lab Sample ID: 480-240036-11

Matrix: Solid
Lab File ID: 26JUL11E-48.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:00

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.34(g)
Date Analyzed: 07/12/2026 14:03

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.1 % Solids: 85.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.099	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.099	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2'
Lab Sample ID: 480-240036-11

Matrix: Solid
Lab File ID: 26JUL11E-48.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:00

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.34(g)
Date Analyzed: 07/12/2026 14:03

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.1 % Solids: 85.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	73.2		8-130
2283397-79-3	13C5 PFPeA	78.1		35-130
2328024-54-8	13C5 PFHxA	75.3		40-130
2328024-55-9	13C4 PFHpA	81.2		40-130
1350614-84-4	13C8 PFOA	75.0		40-130
2283397-80-6	13C9 PFNA	78.7		40-130
2328024-56-0	13C6 PFDA	72.7		40-130
STL02580	13C7 PFUnA	71.3		40-130
STL02116	13C2 PFTeDA	63.6		20-130
2708218-83-9	13C3 PFBS	65.7		40-135
2708218-85-1	13C3 PFHxS	66.0		40-130
2265893-05-6	13C8 PFOS	64.3		40-130
STL01056	13C8 FOSA	61.2		40-130
1400690-70-1	d3-NMeFOSAA	62.1		40-135
1265205-97-7	d5-NEtFOSAA	59.5		40-150
STL02395	13C2 4:2 FTS	64.0		40-165
STL02279	13C2 6:2 FTS	62.4		40-215
STL02280	13C2 8:2 FTS	63.4		40-275
STL02255	13C3 HFPO-DA	73.0		40-130
STL02277	d7-N-MeFOSE-M	40.5		20-130
STL02278	d9-N-EtFOSE-M	34.8		15-130
STL02704	d5-NEtPFOSA	50.2		10-130
STL02705	d3-NMePFOSA	59.8		10-130
960315-52-0	13C2 PFDoA	67.1		40-130
STL03731	13C3-PFDoS	49.8		20-150
STL03747	13C3-3:3 FTCA	73.1		20-150
STL03748	13C3-5:3 FTCA	66.9		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12

Matrix: Solid
Lab File ID: 26JUL11E-51.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:00

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.41(g)
Date Analyzed: 07/12/2026 14:44

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.7 % Solids: 84.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	0.10	J	0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12

Matrix: Solid
Lab File ID: 26JUL11E-51.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:00

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.41(g)
Date Analyzed: 07/12/2026 14:44

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.7 % Solids: 84.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12

Matrix: Solid
Lab File ID: 26JUL11E-51.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:00

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.41(g)
Date Analyzed: 07/12/2026 14:44

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.7 % Solids: 84.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	79.5		8-130
2283397-79-3	13C5 PFPeA	85.1		35-130
2328024-54-8	13C5 PFHxA	75.8		40-130
2328024-55-9	13C4 PFHpA	82.8		40-130
1350614-84-4	13C8 PFOA	76.8		40-130
2283397-80-6	13C9 PFNA	76.3		40-130
2328024-56-0	13C6 PFDA	79.9		40-130
STL02580	13C7 PFUnA	77.2		40-130
STL02116	13C2 PFTeDA	61.9		20-130
2708218-83-9	13C3 PFBS	73.7		40-135
2708218-85-1	13C3 PFHxS	73.5		40-130
2265893-05-6	13C8 PFOS	70.0		40-130
STL01056	13C8 FOSA	61.9		40-130
1400690-70-1	d3-NMeFOSAA	60.0		40-135
1265205-97-7	d5-NEtFOSAA	58.7		40-150
STL02395	13C2 4:2 FTS	67.4		40-165
STL02279	13C2 6:2 FTS	66.0		40-215
STL02280	13C2 8:2 FTS	65.0		40-275
STL02255	13C3 HFPO-DA	73.7		40-130
STL02277	d7-N-MeFOSE-M	44.6		20-130
STL02278	d9-N-EtFOSE-M	41.2		15-130
STL02704	d5-NEtPFOSA	45.8		10-130
STL02705	d3-NMePFOSA	55.9		10-130
960315-52-0	13C2 PFDoA	67.1		40-130
STL03731	13C3-PFDoS	50.4		20-150
STL03747	13C3-3:3 FTCA	75.5		20-150
STL03748	13C3-5:3 FTCA	73.4		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13

Matrix: Solid
Lab File ID: 26JUL11E-52.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:00

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.36(g)
Date Analyzed: 07/12/2026 14:58

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.0 % Solids: 85.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.40	0.10
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.060
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.10
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.060
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' DUP Lab Sample ID: 480-240036-13

Matrix: Solid Lab File ID: 26JUL11E-52.d

Analysis Method: 1633A Date Collected: 06/30/2026 13:00

Extraction Method: 1633A Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.36(g) Date Analyzed: 07/12/2026 14:58

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.0 % Solids: 85.0 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014 Units: ng/g

Preparation Batch No.: 846397 Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.10	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.10	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13

Matrix: Solid
Lab File ID: 26JUL11E-52.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:00

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.36(g)
Date Analyzed: 07/12/2026 14:58

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.0 % Solids: 85.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	76.7		8-130
2283397-79-3	13C5 PFPeA	86.6		35-130
2328024-54-8	13C5 PFHxA	82.3		40-130
2328024-55-9	13C4 PFHpA	85.5		40-130
1350614-84-4	13C8 PFOA	80.6		40-130
2283397-80-6	13C9 PFNA	83.9		40-130
2328024-56-0	13C6 PFDA	79.2		40-130
STL02580	13C7 PFUnA	77.2		40-130
STL02116	13C2 PFTeDA	62.6		20-130
2708218-83-9	13C3 PFBS	77.0		40-135
2708218-85-1	13C3 PFHxS	76.2		40-130
2265893-05-6	13C8 PFOS	73.9		40-130
STL01056	13C8 FOSA	63.6		40-130
1400690-70-1	d3-NMeFOSAA	61.6		40-135
1265205-97-7	d5-NEtFOSAA	59.4		40-150
STL02395	13C2 4:2 FTS	68.2		40-165
STL02279	13C2 6:2 FTS	71.2		40-215
STL02280	13C2 8:2 FTS	68.3		40-275
STL02255	13C3 HFPO-DA	77.2		40-130
STL02277	d7-N-MeFOSE-M	34.0		20-130
STL02278	d9-N-EtFOSE-M	30.8		15-130
STL02704	d5-NEtPFOSA	46.9		10-130
STL02705	d3-NMePFOSA	54.5		10-130
960315-52-0	13C2 PFDoA	67.1		40-130
STL03731	13C3-PFDoS	50.6		20-150
STL03747	13C3-3:3 FTCA	81.1		20-150
STL03748	13C3-5:3 FTCA	70.1		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 1-3'
Lab Sample ID: 480-240036-14

Matrix: Solid
Lab File ID: 26JUL11E-53.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:45

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.36(g)
Date Analyzed: 07/12/2026 15:11

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.5 % Solids: 86.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	0.062	J	0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 1-3'
Lab Sample ID: 480-240036-14

Matrix: Solid
Lab File ID: 26JUL11E-53.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:45

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.36(g)
Date Analyzed: 07/12/2026 15:11

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.5 % Solids: 86.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	UJ
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 1-3'
Lab Sample ID: 480-240036-14

Matrix: Solid
Lab File ID: 26JUL11E-53.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:45

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.36(g)
Date Analyzed: 07/12/2026 15:11

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.5 % Solids: 86.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	56.0		8-130
2283397-79-3	13C5 PFPeA	60.6		35-130
2328024-54-8	13C5 PFHxA	58.3		40-130
2328024-55-9	13C4 PFHpA	62.6		40-130
1350614-84-4	13C8 PFOA	54.0		40-130
2283397-80-6	13C9 PFNA	62.6		40-130
2328024-56-0	13C6 PFDA	61.4		40-130
STL02580	13C7 PFUnA	64.0		40-130
STL02116	13C2 PFTeDA	50.4		20-130
2708218-83-9	13C3 PFBS	52.9		40-135
2708218-85-1	13C3 PFHxS	58.2		40-130
2265893-05-6	13C8 PFOS	60.7		40-130
STL01056	13C8 FOSA	47.2		40-130
1400690-70-1	d3-NMeFOSAA	48.3		40-135
1265205-97-7	d5-NEtFOSAA	49.7		40-150
STL02395	13C2 4:2 FTS	44.6		40-165
STL02279	13C2 6:2 FTS	46.7		40-215
STL02280	13C2 8:2 FTS	46.9		40-275
STL02255	13C3 HFPO-DA	54.3		40-130
STL02277	d7-N-MeFOSE-M	33.1		20-130
STL02278	d9-N-EtFOSE-M	32.4		15-130
STL02704	d5-NEtPFOSA	39.4		10-130
STL02705	d3-NMePFOSA	45.2		10-130
960315-52-0	13C2 PFDoA	57.7		40-130
STL03731	13C3-PFDoS	42.6		20-150
STL03747	13C3-3:3 FTCA	54.1		20-150
STL03748	13C3-5:3 FTCA	51.0		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15

Matrix: Solid
Lab File ID: 26JUL11E-54.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:45

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.38(g)
Date Analyzed: 07/12/2026 15:25

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.2 % Solids: 86.8
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.097
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.097
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15

Matrix: Solid
Lab File ID: 26JUL11E-54.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:45

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.38(g)
Date Analyzed: 07/12/2026 15:25

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.2 % Solids: 86.8
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.097	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.097	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15

Matrix: Solid
Lab File ID: 26JUL11E-54.d

Analysis Method: 1633A
Date Collected: 06/30/2026 13:45

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.38(g)
Date Analyzed: 07/12/2026 15:25

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.2 % Solids: 86.8
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	88.5		8-130
2283397-79-3	13C5 PFPeA	97.0		35-130
2328024-54-8	13C5 PFHxA	86.0		40-130
2328024-55-9	13C4 PFHpA	92.3		40-130
1350614-84-4	13C8 PFOA	84.8		40-130
2283397-80-6	13C9 PFNA	81.5		40-130
2328024-56-0	13C6 PFDA	68.0		40-130
STL02580	13C7 PFUnA	59.2		40-130
STL02116	13C2 PFTeDA	41.8		20-130
2708218-83-9	13C3 PFBS	79.3		40-135
2708218-85-1	13C3 PFHxS	75.8		40-130
2265893-05-6	13C8 PFOS	64.1		40-130
STL01056	13C8 FOSA	58.7		40-130
1400690-70-1	d3-NMeFOSAA	52.0		40-135
1265205-97-7	d5-NEtFOSAA	47.4		40-150
STL02395	13C2 4:2 FTS	72.7		40-165
STL02279	13C2 6:2 FTS	71.2		40-215
STL02280	13C2 8:2 FTS	55.3		40-275
STL02255	13C3 HFPO-DA	84.2		40-130
STL02277	d7-N-MeFOSE-M	21.9		20-130
STL02278	d9-N-EtFOSE-M	17.0		15-130
STL02704	d5-NEtPFOSA	35.7		10-130
STL02705	d3-NMePFOSA	44.5		10-130
960315-52-0	13C2 PFDoA	49.6		40-130
STL03731	13C3-PFDoS	35.3		20-150
STL03747	13C3-3:3 FTCA	99.5		20-150
STL03748	13C3-5:3 FTCA	80.4		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16

Matrix: Solid
Lab File ID: 26JUL11E-55.d

Analysis Method: 1633A
Date Collected: 06/30/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.52(g)
Date Analyzed: 07/12/2026 15:38

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 20.3 % Solids: 79.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.40	0.10
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.060
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.10
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.060
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240036-1

SDG No.:

Client Sample ID: RI-MW-3 20-25' Lab Sample ID: 480-240036-16

Matrix: Solid Lab File ID: 26JUL11E-55.d

Analysis Method: 1633A Date Collected: 06/30/2026 00:00

Extraction Method: 1633A Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.52(g) Date Analyzed: 07/12/2026 15:38

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 20.3 % Solids: 79.7 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014 Units: ng/g

Preparation Batch No.: 846397 Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.10	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.10	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	

MKP 7/31/2026

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240036-1

SDG No.:

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16

Matrix: Solid
Lab File ID: 26JUL11E-55.d

Analysis Method: 1633A
Date Collected: 06/30/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/06/2026 07:31

Sample wt/vol: 2.52(g)
Date Analyzed: 07/12/2026 15:38

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 20.3 % Solids: 79.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 850014
Units: ng/g

Preparation Batch No.: 846397
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	82.5		8-130
2283397-79-3	13C5 PFPeA	92.2		35-130
2328024-54-8	13C5 PFHxA	86.8		40-130
2328024-55-9	13C4 PFHpA	87.7		40-130
1350614-84-4	13C8 PFOA	80.7		40-130
2283397-80-6	13C9 PFNA	85.8		40-130
2328024-56-0	13C6 PFDA	77.4		40-130
STL02580	13C7 PFUnA	74.7		40-130
STL02116	13C2 PFTeDA	63.6		20-130
2708218-83-9	13C3 PFBS	75.7		40-135
2708218-85-1	13C3 PFHxS	78.5		40-130
2265893-05-6	13C8 PFOS	72.3		40-130
STL01056	13C8 FOSA	65.2		40-130
1400690-70-1	d3-NMeFOSAA	61.6		40-135
1265205-97-7	d5-NEtFOSAA	60.3		40-150
STL02395	13C2 4:2 FTS	69.5		40-165
STL02279	13C2 6:2 FTS	70.3		40-215
STL02280	13C2 8:2 FTS	62.2		40-275
STL02255	13C3 HFPO-DA	78.5		40-130
STL02277	d7-N-MeFOSE-M	48.4		20-130
STL02278	d9-N-EtFOSE-M	48.6		15-130
STL02704	d5-NEtPFOSA	49.1		10-130
STL02705	d3-NMePFOSA	57.9		10-130
960315-52-0	13C2 PFDoA	63.9		40-130
STL03731	13C3-PFDoS	53.9		20-150
STL03747	13C3-3:3 FTCA	83.0		20-150
STL03748	13C3-5:3 FTCA	82.2		20-150

METALS

COVER PAGE
METALS

Lab Name: Eurofins Buffalo Job Number: 480-240036-1

SDG No.:

Project: 375 Michigan Remedial Investigation

Client Sample ID	Lab Sample ID
TT-1 1-3'	480-240036-1
TT-1 4-5'	480-240036-2
TT-1 5-6'	480-240036-3
TT-2 1-3'	480-240036-4
TT-2 4-6'	480-240036-5
TT-3 1-3'	480-240036-6
TT-3 4-6'	480-240036-7
TT-4 1-3'	480-240036-8
TT-4 4-6'	480-240036-9
TT-4 4-6' DUP	480-240036-10
TT-5 1-2'	480-240036-11
TT-5 4-6'	480-240036-12
TT-5 4-6' DUP	480-240036-13
TT-6 1-3'	480-240036-14
TT-6 4-6'	480-240036-15
RI-MW-3 20-25'	480-240036-16

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 10:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779745
Instrument ID: ICAP4
% Solids: 81.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	20500	12.1	10.4	mg/Kg			1	6010D
7440-36-0	Antimony	4.0	18.1	0.64	mg/Kg	J		1	6010D
7440-38-2	Arsenic	5.0	2.4	1.1	mg/Kg			1	6010D
7440-39-3	Barium	150	0.60	0.17	mg/Kg			1	6010D
7440-41-7	Beryllium	0.89	0.24	0.048	mg/Kg			1	6010D
7440-43-9	Cadmium	0.33	0.24	0.085	mg/Kg			1	6010D
7440-70-2	Calcium	63700	60.4	32.6	mg/Kg			1	6010D
7440-47-3	Chromium	24.9	0.60	0.43	mg/Kg			1	6010D
7440-48-4	Cobalt	9.7	0.60	0.12	mg/Kg			1	6010D
7440-50-8	Copper	26.5	1.2	0.69	mg/Kg			1	6010D
7439-89-6	Iron	21700	12.1	10.2	mg/Kg			1	6010D
7439-92-1	Lead	79.8	1.2	0.56	mg/Kg			1	6010D
7439-95-4	Magnesium	21000	24.2	10.2	mg/Kg			1	6010D
7439-96-5	Manganese	489	1.2	0.34	mg/Kg			1	6010D
7440-02-0	Nickel	21.3	6.0	0.30	mg/Kg			1	6010D
7440-09-7	Potassium	5920	36.2	29.3	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.8	0.97	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.72	0.24	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	345	169	74.1	mg/Kg			1	6010D
7440-28-0	Thallium	ND	7.2	0.92	mg/Kg			1	6010D
7440-62-2	Vanadium	36.0	0.60	0.16	mg/Kg			1	6010D
7440-66-6	Zinc	104	2.4	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.092	0.024	0.0055	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 10:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779745
Instrument ID: ICAP4
% Solids: 84.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	15900	11.3	9.7	mg/Kg			1	6010D
7440-36-0	Antimony	ND	16.9	0.60	mg/Kg			1	6010D
7440-38-2	Arsenic	2.7	2.3	0.99	mg/Kg			1	6010D
7440-39-3	Barium	110	0.56	0.16	mg/Kg			1	6010D
7440-41-7	Beryllium	0.62	0.23	0.045	mg/Kg			1	6010D
7440-43-9	Cadmium	0.28	0.23	0.079	mg/Kg			1	6010D
7440-70-2	Calcium	70800	56.4	30.5	mg/Kg			1	6010D
7440-47-3	Chromium	18.2	0.56	0.41	mg/Kg			1	6010D
7440-48-4	Cobalt	8.1	0.56	0.11	mg/Kg			1	6010D
7440-50-8	Copper	13.8	1.1	0.64	mg/Kg			1	6010D
7439-89-6	Iron	17300	11.3	9.6	mg/Kg			1	6010D
7439-92-1	Lead	29.9	1.1	0.52	mg/Kg			1	6010D
7439-95-4	Magnesium	27200	22.6	9.6	mg/Kg			1	6010D
7439-96-5	Manganese	439	1.1	0.32	mg/Kg			1	6010D
7440-02-0	Nickel	15.4	5.6	0.28	mg/Kg			1	6010D
7440-09-7	Potassium	5730	33.9	27.4	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.5	0.90	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.68	0.23	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	362	158	69.2	mg/Kg			1	6010D
7440-28-0	Thallium	ND	6.8	0.86	mg/Kg			1	6010D
7440-62-2	Vanadium	28.1	0.56	0.15	mg/Kg			1	6010D
7440-66-6	Zinc	72.6	2.3	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.035	0.023	0.0053	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 10:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779745
Instrument ID: ICAP4
% Solids: 82.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	14900	12.4	10.7	mg/Kg			1	6010D
7440-36-0	Antimony	ND	18.6	0.66	mg/Kg			1	6010D
7440-38-2	Arsenic	1.1	2.5	1.1	mg/Kg	J		1	6010D
7440-39-3	Barium	95.1	0.62	0.17	mg/Kg			1	6010D
7440-41-7	Beryllium	0.58	0.25	0.050	mg/Kg			1	6010D
7440-43-9	Cadmium	0.23	0.25	0.087	mg/Kg	J		1	6010D
7440-70-2	Calcium	67400	62.1	33.5	mg/Kg			1	6010D
7440-47-3	Chromium	17.4	0.62	0.45	mg/Kg			1	6010D
7440-48-4	Cobalt	7.1	0.62	0.12	mg/Kg			1	6010D
7440-50-8	Copper	14.3	1.2	0.71	mg/Kg			1	6010D
7439-89-6	Iron	16500	12.4	10.5	mg/Kg			1	6010D
7439-92-1	Lead	9.0	1.2	0.57	mg/Kg			1	6010D
7439-95-4	Magnesium	33000	24.8	10.5	mg/Kg			1	6010D
7439-96-5	Manganese	420	1.2	0.35	mg/Kg			1	6010D
7440-02-0	Nickel	14.4	6.2	0.31	mg/Kg			1	6010D
7440-09-7	Potassium	5160	37.2	30.1	mg/Kg			1	6010D
7782-49-2	Selenium	ND	5.0	0.99	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.74	0.25	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	403	174	76.1	mg/Kg			1	6010D
7440-28-0	Thallium	ND	7.4	0.94	mg/Kg			1	6010D
7440-62-2	Vanadium	27.5	0.62	0.16	mg/Kg			1	6010D
7440-66-6	Zinc	67.9	2.5	1.3	mg/Kg			1	6010D
7439-97-6	Mercury	0.025	0.025	0.0057	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 09:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779745
Instrument ID: ICAP4
% Solids: 86.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	13900	11.3	9.7	mg/Kg			1	6010D
7440-36-0	Antimony	ND	16.9	0.60	mg/Kg			1	6010D
7440-38-2	Arsenic	4.2	2.3	0.99	mg/Kg			1	6010D
7440-39-3	Barium	93.3	0.56	0.16	mg/Kg			1	6010D
7440-41-7	Beryllium	0.61	0.23	0.045	mg/Kg			1	6010D
7440-43-9	Cadmium	0.27	0.23	0.079	mg/Kg			1	6010D
7440-70-2	Calcium	140000	282	152	mg/Kg			5	6010D
7440-47-3	Chromium	17.1	0.56	0.41	mg/Kg			1	6010D
7440-48-4	Cobalt	7.9	0.56	0.11	mg/Kg			1	6010D
7440-50-8	Copper	15.8	1.1	0.64	mg/Kg			1	6010D
7439-89-6	Iron	15900	11.3	9.6	mg/Kg			1	6010D
7439-92-1	Lead	46.1	1.1	0.52	mg/Kg			1	6010D
7439-95-4	Magnesium	15800	22.6	9.6	mg/Kg			1	6010D
7439-96-5	Manganese	330	1.1	0.32	mg/Kg			1	6010D
7440-02-0	Nickel	16.1	5.6	0.28	mg/Kg			1	6010D
7440-09-7	Potassium	4120	33.9	27.4	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.5	0.90	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.68	0.23	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	285	158	69.2	mg/Kg			1	6010D
7440-28-0	Thallium	ND	6.8	0.86	mg/Kg			1	6010D
7440-62-2	Vanadium	24.5	0.56	0.15	mg/Kg			1	6010D
7440-66-6	Zinc	124	2.3	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.084	0.023	0.0052	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-2 4-6' | Lab Sample ID: 480-240036-5

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/30/2026 09:30

Reporting Basis: DRY | Date Received: 06/30/2026 15:45

Preparation Batch Number: 779745 | Instrument ID: ICAP4

% Solids: 84.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	16700	12.1	10.4	mg/Kg		F2	1	6010D	
7440-36-0	Antimony	ND	18.1	0.64	mg/Kg		F1	1	6010D	UJ
7440-38-2	Arsenic	2.8	2.4	1.1	mg/Kg			1	6010D	
7440-39-3	Barium	106	0.60	0.17	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.66	0.24	0.048	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.25	0.24	0.084	mg/Kg			1	6010D	
7440-70-2	Calcium	75600	60.3	32.6	mg/Kg			1	6010D	J
7440-47-3	Chromium	20.0	0.60	0.43	mg/Kg			1	6010D	J
7440-48-4	Cobalt	7.5	0.60	0.12	mg/Kg			1	6010D	
7440-50-8	Copper	15.3	1.2	0.69	mg/Kg			1	6010D	
7439-89-6	Iron	18500	12.1	10.2	mg/Kg			1	6010D	J
7439-92-1	Lead	23.3	1.2	0.55	mg/Kg		F2 F1	1	6010D	J+
7439-95-4	Magnesium	29200	24.1	10.2	mg/Kg			1	6010D	J
7439-96-5	Manganese	415	1.2	0.34	mg/Kg		F1	1	6010D	J-
7440-02-0	Nickel	15.4	6.0	0.30	mg/Kg			1	6010D	
7440-09-7	Potassium	5380	36.2	29.2	mg/Kg		F1	1	6010D	J-
7782-49-2	Selenium	ND	4.8	0.96	mg/Kg			1	6010D	
7440-22-4	Silver	ND	0.72	0.24	mg/Kg		^5+	1	6010D	
7440-23-5	Sodium	347	169	73.9	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	7.2	0.92	mg/Kg			1	6010D	
7440-62-2	Vanadium	30.4	0.60	0.16	mg/Kg			1	6010D	J
7440-66-6	Zinc	79.1	2.4	1.2	mg/Kg		F2 F1	1	6010D	J+
7439-97-6	Mercury	0.028	0.023	0.0052	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 11:15
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779745
Instrument ID: ICAP4
% Solids: 69.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	13300	15.0	13.0	mg/Kg			1	6010D
7440-36-0	Antimony	ND	22.5	0.80	mg/Kg			1	6010D
7440-38-2	Arsenic	11.6	3.0	1.3	mg/Kg			1	6010D
7440-39-3	Barium	433	0.75	0.21	mg/Kg			1	6010D
7440-41-7	Beryllium	0.71	0.30	0.060	mg/Kg			1	6010D
7440-43-9	Cadmium	0.93	0.30	0.11	mg/Kg			1	6010D
7440-70-2	Calcium	48200	75.1	40.6	mg/Kg			1	6010D
7440-47-3	Chromium	24.2	0.75	0.54	mg/Kg			1	6010D
7440-48-4	Cobalt	8.8	0.75	0.15	mg/Kg			1	6010D
7440-50-8	Copper	99.7	1.5	0.86	mg/Kg			1	6010D
7439-89-6	Iron	21900	15.0	12.7	mg/Kg			1	6010D
7439-92-1	Lead	1110	1.5	0.69	mg/Kg			1	6010D
7439-95-4	Magnesium	9170	30.1	12.7	mg/Kg			1	6010D
7439-96-5	Manganese	524	1.5	0.42	mg/Kg			1	6010D
7440-02-0	Nickel	19.4	7.5	0.38	mg/Kg			1	6010D
7440-09-7	Potassium	2710	45.1	36.4	mg/Kg			1	6010D
7782-49-2	Selenium	ND	6.0	1.2	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.90	0.30	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	216	210	92.1	mg/Kg			1	6010D
7440-28-0	Thallium	ND	9.0	1.1	mg/Kg			1	6010D
7440-62-2	Vanadium	29.6	0.75	0.20	mg/Kg			1	6010D
7440-66-6	Zinc	325	3.0	1.5	mg/Kg			1	6010D
7439-97-6	Mercury	1.1	0.029	0.0066	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 11:15
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779745
Instrument ID: ICAP4
% Solids: 84.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	18200	12.2	10.5	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	18.2	0.64	mg/Kg		F1 F2	1	6010D	UJ
7440-38-2	Arsenic	3.0	2.4	1.1	mg/Kg			1	6010D	
7440-39-3	Barium	97.4	0.61	0.17	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.73	0.24	0.049	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.25	0.24	0.085	mg/Kg			1	6010D	
7440-70-2	Calcium	76800	60.8	32.8	mg/Kg			1	6010D	
7440-47-3	Chromium	21.2	0.61	0.44	mg/Kg			1	6010D	
7440-48-4	Cobalt	7.7	0.61	0.12	mg/Kg			1	6010D	
7440-50-8	Copper	15.4	1.2	0.69	mg/Kg			1	6010D	
7439-89-6	Iron	20300	12.2	10.3	mg/Kg			1	6010D	
7439-92-1	Lead	8.5	1.2	0.56	mg/Kg			1	6010D	
7439-95-4	Magnesium	24900	24.3	10.3	mg/Kg			1	6010D	
7439-96-5	Manganese	386	1.2	0.34	mg/Kg		F1	1	6010D	J+
7440-02-0	Nickel	18.1	6.1	0.30	mg/Kg			1	6010D	
7440-09-7	Potassium	5550	36.5	29.5	mg/Kg		F1	1	6010D	J+
7782-49-2	Selenium	ND	4.9	0.97	mg/Kg			1	6010D	
7440-22-4	Silver	ND	0.73	0.24	mg/Kg		^5+	1	6010D	
7440-23-5	Sodium	301	170	74.6	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	7.3	0.92	mg/Kg			1	6010D	
7440-62-2	Vanadium	31.5	0.61	0.16	mg/Kg			1	6010D	
7440-66-6	Zinc	70.9	2.4	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	0.021	0.023	0.0054	mg/Kg	J		1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 12:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779745
Instrument ID: ICAP4
% Solids: 81.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	24200	12.0	10.4	mg/Kg			1	6010D
7440-36-0	Antimony	ND	18.1	0.64	mg/Kg			1	6010D
7440-38-2	Arsenic	4.4	2.4	1.1	mg/Kg			1	6010D
7440-39-3	Barium	328	0.60	0.17	mg/Kg			1	6010D
7440-41-7	Beryllium	2.8	0.24	0.048	mg/Kg			1	6010D
7440-43-9	Cadmium	0.29	0.24	0.084	mg/Kg			1	6010D
7440-70-2	Calcium	159000	301	162	mg/Kg			5	6010D
7440-47-3	Chromium	17.6	0.60	0.43	mg/Kg			1	6010D
7440-48-4	Cobalt	6.9	0.60	0.12	mg/Kg			1	6010D
7440-50-8	Copper	17.4	1.2	0.69	mg/Kg			1	6010D
7439-89-6	Iron	15700	12.0	10.2	mg/Kg			1	6010D
7439-92-1	Lead	258	1.2	0.55	mg/Kg			1	6010D
7439-95-4	Magnesium	11300	24.1	10.2	mg/Kg			1	6010D
7439-96-5	Manganese	2320	1.2	0.34	mg/Kg			1	6010D
7440-02-0	Nickel	11.6	6.0	0.30	mg/Kg			1	6010D
7440-09-7	Potassium	3270	36.1	29.2	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.8	0.96	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.72	0.24	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	418	168	73.8	mg/Kg			1	6010D
7440-28-0	Thallium	ND	7.2	0.91	mg/Kg			1	6010D
7440-62-2	Vanadium	26.2	0.60	0.16	mg/Kg			1	6010D
7440-66-6	Zinc	117	2.4	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.035	0.025	0.0058	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-4 4-6' | Lab Sample ID: 480-240036-9

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/30/2026 12:30

Reporting Basis: DRY | Date Received: 06/30/2026 15:45

Preparation Batch Number: 779745 | Instrument ID: ICAP4

% Solids: 83.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	19100	11.3	9.7	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	16.9	0.60	mg/Kg			1	6010D	
7440-38-2	Arsenic	3.4	2.3	0.99	mg/Kg			1	6010D	
7440-39-3	Barium	145	0.56	0.16	mg/Kg			1	6010D	J
7440-41-7	Beryllium	0.74	0.23	0.045	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.30	0.23	0.079	mg/Kg			1	6010D	
7440-70-2	Calcium	76500	56.5	30.5	mg/Kg			1	6010D	
7440-47-3	Chromium	21.2	0.56	0.41	mg/Kg			1	6010D	
7440-48-4	Cobalt	10.5	0.56	0.11	mg/Kg			1	6010D	
7440-50-8	Copper	16.6	1.1	0.64	mg/Kg			1	6010D	
7439-89-6	Iron	21000	11.3	9.6	mg/Kg			1	6010D	
7439-92-1	Lead	13.6	1.1	0.52	mg/Kg			1	6010D	
7439-95-4	Magnesium	31300	22.6	9.6	mg/Kg			1	6010D	
7439-96-5	Manganese	508	1.1	0.32	mg/Kg			1	6010D	
7440-02-0	Nickel	19.2	5.6	0.28	mg/Kg			1	6010D	
7440-09-7	Potassium	6800	33.9	27.4	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.5	0.90	mg/Kg			1	6010D	
7440-22-4	Silver	ND	0.68	0.23	mg/Kg		^5+	1	6010D	
7440-23-5	Sodium	434	158	69.3	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.8	0.86	mg/Kg			1	6010D	
7440-62-2	Vanadium	34.3	0.56	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	83.0	2.3	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	0.013	0.024	0.0056	mg/Kg	J		1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-4 4-6' DUP
Lab Sample ID: 480-240036-10
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 12:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779745
Instrument ID: ICAP4
% Solids: 85.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	14400	11.2	9.7	mg/Kg			1	6010D
7440-36-0	Antimony	ND	16.8	0.59	mg/Kg			1	6010D
7440-38-2	Arsenic	2.4	2.2	0.99	mg/Kg			1	6010D
7440-39-3	Barium	82.4	0.56	0.16	mg/Kg			1	6010D
7440-41-7	Beryllium	0.59	0.22	0.045	mg/Kg			1	6010D
7440-43-9	Cadmium	0.27	0.22	0.078	mg/Kg			1	6010D
7440-70-2	Calcium	63800	56.0	30.2	mg/Kg			1	6010D
7440-47-3	Chromium	17.0	0.56	0.40	mg/Kg			1	6010D
7440-48-4	Cobalt	7.4	0.56	0.11	mg/Kg			1	6010D
7440-50-8	Copper	14.9	1.1	0.64	mg/Kg			1	6010D
7439-89-6	Iron	16800	11.2	9.5	mg/Kg			1	6010D
7439-92-1	Lead	12.3	1.1	0.52	mg/Kg			1	6010D
7439-95-4	Magnesium	27200	22.4	9.5	mg/Kg			1	6010D
7439-96-5	Manganese	396	1.1	0.31	mg/Kg			1	6010D
7440-02-0	Nickel	14.3	5.6	0.28	mg/Kg			1	6010D
7440-09-7	Potassium	4850	33.6	27.1	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.5	0.90	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.67	0.22	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	346	157	68.7	mg/Kg			1	6010D
7440-28-0	Thallium	ND	6.7	0.85	mg/Kg			1	6010D
7440-62-2	Vanadium	28.6	0.56	0.15	mg/Kg			1	6010D
7440-66-6	Zinc	69.5	2.2	1.1	mg/Kg			1	6010D
7439-97-6	Mercury	0.011	0.024	0.0055	mg/Kg	J		1	7471B

J

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-5 1-2'
Lab Sample ID: 480-240036-11
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 13:00
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779745
Instrument ID: ICAP4
% Solids: 85.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	16000	11.6	10.0	mg/Kg			1	6010D
7440-36-0	Antimony	ND	17.5	0.62	mg/Kg			1	6010D
7440-38-2	Arsenic	7.1	2.3	1.0	mg/Kg			1	6010D
7440-39-3	Barium	143	0.58	0.16	mg/Kg			1	6010D
7440-41-7	Beryllium	0.72	0.23	0.047	mg/Kg			1	6010D
7440-43-9	Cadmium	0.53	0.23	0.082	mg/Kg			1	6010D
7440-70-2	Calcium	46600	58.2	31.4	mg/Kg			1	6010D
7440-47-3	Chromium	20.6	0.58	0.42	mg/Kg			1	6010D
7440-48-4	Cobalt	9.1	0.58	0.12	mg/Kg			1	6010D
7440-50-8	Copper	30.3	1.2	0.66	mg/Kg			1	6010D
7439-89-6	Iron	21700	11.6	9.9	mg/Kg			1	6010D
7439-92-1	Lead	355	1.2	0.54	mg/Kg			1	6010D
7439-95-4	Magnesium	12700	23.3	9.9	mg/Kg			1	6010D
7439-96-5	Manganese	355	1.2	0.33	mg/Kg			1	6010D
7440-02-0	Nickel	18.6	5.8	0.29	mg/Kg			1	6010D
7440-09-7	Potassium	3980	34.9	28.2	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.7	0.93	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.70	0.23	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	224	163	71.4	mg/Kg			1	6010D
7440-28-0	Thallium	ND	7.0	0.88	mg/Kg			1	6010D
7440-62-2	Vanadium	31.9	0.58	0.15	mg/Kg			1	6010D
7440-66-6	Zinc	192	2.3	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.36	0.023	0.0053	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 13:00
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779745
Instrument ID: ICAP4
% Solids: 84.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	16000	12.4	10.7	mg/Kg			1	6010D
7440-36-0	Antimony	ND	18.7	0.66	mg/Kg			1	6010D
7440-38-2	Arsenic	2.8	2.5	1.1	mg/Kg			1	6010D
7440-39-3	Barium	96.5	0.62	0.17	mg/Kg			1	6010D
7440-41-7	Beryllium	0.63	0.25	0.050	mg/Kg			1	6010D
7440-43-9	Cadmium	0.22	0.25	0.087	mg/Kg	J		1	6010D
7440-70-2	Calcium	69300	62.2	33.6	mg/Kg			1	6010D
7440-47-3	Chromium	18.2	0.62	0.45	mg/Kg			1	6010D
7440-48-4	Cobalt	8.6	0.62	0.12	mg/Kg			1	6010D
7440-50-8	Copper	14.3	1.2	0.71	mg/Kg			1	6010D
7439-89-6	Iron	17800	12.4	10.6	mg/Kg			1	6010D
7439-92-1	Lead	10.6	1.2	0.57	mg/Kg			1	6010D
7439-95-4	Magnesium	28600	24.9	10.6	mg/Kg			1	6010D
7439-96-5	Manganese	469	1.2	0.35	mg/Kg			1	6010D
7440-02-0	Nickel	16.3	6.2	0.31	mg/Kg			1	6010D
7440-09-7	Potassium	5480	37.3	30.2	mg/Kg			1	6010D
7782-49-2	Selenium	ND	5.0	1.0	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.75	0.25	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	328	174	76.3	mg/Kg			1	6010D
7440-28-0	Thallium	ND	7.5	0.95	mg/Kg			1	6010D
7440-62-2	Vanadium	29.3	0.62	0.16	mg/Kg			1	6010D
7440-66-6	Zinc	64.8	2.5	1.3	mg/Kg			1	6010D
7439-97-6	Mercury	0.0099	0.023	0.0053	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 13:00
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779745
Instrument ID: ICAP4
% Solids: 85.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	13300	11.2	9.6	mg/Kg			1	6010D
7440-36-0	Antimony	ND	16.8	0.59	mg/Kg			1	6010D
7440-38-2	Arsenic	3.1	2.2	0.98	mg/Kg			1	6010D
7440-39-3	Barium	80.4	0.56	0.16	mg/Kg			1	6010D
7440-41-7	Beryllium	0.54	0.22	0.045	mg/Kg			1	6010D
7440-43-9	Cadmium	0.22	0.22	0.078	mg/Kg			1	6010D
7440-70-2	Calcium	72400	55.9	30.2	mg/Kg			1	6010D
7440-47-3	Chromium	15.8	0.56	0.40	mg/Kg			1	6010D
7440-48-4	Cobalt	7.5	0.56	0.11	mg/Kg			1	6010D
7440-50-8	Copper	15.1	1.1	0.64	mg/Kg			1	6010D
7439-89-6	Iron	16800	11.2	9.5	mg/Kg			1	6010D
7439-92-1	Lead	14.1	1.1	0.51	mg/Kg			1	6010D
7439-95-4	Magnesium	32400	22.4	9.5	mg/Kg			1	6010D
7439-96-5	Manganese	438	1.1	0.31	mg/Kg			1	6010D
7440-02-0	Nickel	13.6	5.6	0.28	mg/Kg			1	6010D
7440-09-7	Potassium	4440	33.6	27.1	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.5	0.90	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.67	0.22	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	322	157	68.6	mg/Kg			1	6010D
7440-28-0	Thallium	ND	6.7	0.85	mg/Kg			1	6010D
7440-62-2	Vanadium	27.0	0.56	0.15	mg/Kg			1	6010D
7440-66-6	Zinc	62.4	2.2	1.1	mg/Kg			1	6010D
7439-97-6	Mercury	0.015	0.024	0.0054	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-6 1-3' | Lab Sample ID: 480-240036-14

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/30/2026 13:45

Reporting Basis: DRY | Date Received: 06/30/2026 15:45

Preparation Batch Number: 779745 | Instrument ID: ICAP4

% Solids: 86.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	16300	11.7	10.1	mg/Kg			1	6010D
7440-36-0	Antimony	ND	17.5	0.62	mg/Kg			1	6010D
7440-38-2	Arsenic	7.1	2.3	1.0	mg/Kg			1	6010D
7440-39-3	Barium	169	0.58	0.16	mg/Kg			1	6010D
7440-41-7	Beryllium	0.69	0.23	0.047	mg/Kg			1	6010D
7440-43-9	Cadmium	0.58	0.23	0.082	mg/Kg			1	6010D
7440-70-2	Calcium	74900	58.5	31.6	mg/Kg			1	6010D
7440-47-3	Chromium	20.9	0.58	0.42	mg/Kg			1	6010D
7440-48-4	Cobalt	10.6	0.58	0.12	mg/Kg			1	6010D
7440-50-8	Copper	27.4	1.2	0.67	mg/Kg			1	6010D
7439-89-6	Iron	22100	11.7	9.9	mg/Kg			1	6010D
7439-92-1	Lead	436	1.2	0.54	mg/Kg			1	6010D
7439-95-4	Magnesium	10900	23.4	9.9	mg/Kg			1	6010D
7439-96-5	Manganese	508	1.2	0.33	mg/Kg			1	6010D
7440-02-0	Nickel	18.7	5.8	0.29	mg/Kg			1	6010D
7440-09-7	Potassium	3520	35.1	28.4	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.7	0.94	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.70	0.23	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	206	164	71.7	mg/Kg			1	6010D
7440-28-0	Thallium	ND	7.0	0.89	mg/Kg			1	6010D
7440-62-2	Vanadium	32.7	0.58	0.15	mg/Kg			1	6010D
7440-66-6	Zinc	195	2.3	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.51	0.024	0.0055	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TT-6 4-6' | Lab Sample ID: 480-240036-15

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG ID.:

Matrix: Solid | Date Sampled: 06/30/2026 13:45

Reporting Basis: DRY | Date Received: 06/30/2026 15:45

Preparation Batch Number: 779745 | Instrument ID: ICAP4

% Solids: 86.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	15000	11.5	9.9	mg/Kg			1	6010D
7440-36-0	Antimony	ND	17.2	0.61	mg/Kg			1	6010D
7440-38-2	Arsenic	3.6	2.3	1.0	mg/Kg			1	6010D
7440-39-3	Barium	95.8	0.57	0.16	mg/Kg			1	6010D
7440-41-7	Beryllium	0.61	0.23	0.046	mg/Kg			1	6010D
7440-43-9	Cadmium	0.22	0.23	0.080	mg/Kg	J		1	6010D
7440-70-2	Calcium	63500	57.4	31.0	mg/Kg			1	6010D
7440-47-3	Chromium	18.4	0.57	0.41	mg/Kg			1	6010D
7440-48-4	Cobalt	8.6	0.57	0.11	mg/Kg			1	6010D
7440-50-8	Copper	15.3	1.1	0.65	mg/Kg			1	6010D
7439-89-6	Iron	18500	11.5	9.7	mg/Kg			1	6010D
7439-92-1	Lead	8.5	1.1	0.53	mg/Kg			1	6010D
7439-95-4	Magnesium	26800	23.0	9.7	mg/Kg			1	6010D
7439-96-5	Manganese	446	1.1	0.32	mg/Kg			1	6010D
7440-02-0	Nickel	16.6	5.7	0.29	mg/Kg			1	6010D
7440-09-7	Potassium	4790	34.4	27.8	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.6	0.92	mg/Kg			1	6010D
7440-22-4	Silver	ND	0.69	0.23	mg/Kg		^5+	1	6010D
7440-23-5	Sodium	351	161	70.4	mg/Kg			1	6010D
7440-28-0	Thallium	ND	6.9	0.87	mg/Kg			1	6010D
7440-62-2	Vanadium	29.6	0.57	0.15	mg/Kg			1	6010D
7440-66-6	Zinc	70.7	2.3	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.018	0.024	0.0055	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 00:00
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779834
Instrument ID: ICAP4
% Solids: 79.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	16000	13.0	11.2	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	19.5	0.69	mg/Kg			1	6010D	
7440-38-2	Arsenic	3.9	2.6	1.1	mg/Kg			1	6010D	
7440-39-3	Barium	109	0.65	0.18	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.65	0.26	0.052	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.30	0.26	0.091	mg/Kg			1	6010D	
7440-70-2	Calcium	66800	65.1	35.2	mg/Kg			1	6010D	
7440-47-3	Chromium	19.6	0.65	0.47	mg/Kg			1	6010D	
7440-48-4	Cobalt	9.3	0.65	0.13	mg/Kg			1	6010D	
7440-50-8	Copper	15.3	1.3	0.74	mg/Kg			1	6010D	
7439-89-6	Iron	18500	13.0	11.0	mg/Kg			1	6010D	
7439-92-1	Lead	24.5	1.3	0.60	mg/Kg			1	6010D	
7439-95-4	Magnesium	29100	26.1	11.0	mg/Kg			1	6010D	
7439-96-5	Manganese	440	1.3	0.36	mg/Kg			1	6010D	
7440-02-0	Nickel	17.1	6.5	0.33	mg/Kg			1	6010D	
7440-09-7	Potassium	5510	39.1	31.6	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	5.2	1.0	mg/Kg			1	6010D	
7440-22-4	Silver	0.40	0.78	0.26	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	460	182	79.9	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	7.8	0.99	mg/Kg			1	6010D	
7440-62-2	Vanadium	30.5	0.65	0.17	mg/Kg			1	6010D	
7440-66-6	Zinc	74.4	2.6	1.3	mg/Kg			1	6010D	
7439-97-6	Mercury	0.017	0.024	0.0056	mg/Kg	J		1	7471B	

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GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job Number: 480-240036-1

SDG No.:

Project: 375 Michigan Remedial Investigation

Client Sample ID	Lab Sample ID
TT-1 1-3'	480-240036-1
TT-1 4-5'	480-240036-2
TT-1 5-6'	480-240036-3
TT-2 1-3'	480-240036-4
TT-2 4-6'	480-240036-5
TT-3 1-3'	480-240036-6
TT-3 4-6'	480-240036-7
TT-4 1-3'	480-240036-8
TT-4 4-6'	480-240036-9
TT-4 4-6' DUP	480-240036-10
TT-5 1-2'	480-240036-11
TT-5 4-6'	480-240036-12
TT-5 4-6' DUP	480-240036-13
TT-6 1-3'	480-240036-14
TT-6 4-6'	480-240036-15
RI-MW-3 20-25'	480-240036-16

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-1 1-3'
Lab Sample ID: 480-240036-1
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 10:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 81.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.2	0.57	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-1 4-5'
Lab Sample ID: 480-240036-2
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 10:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 84.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.54	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-1 5-6'
Lab Sample ID: 480-240036-3
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 10:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 82.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.55	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-2 1-3'
Lab Sample ID: 480-240036-4
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 09:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 86.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.53	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-2 4-6'
Lab Sample ID: 480-240036-5
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 09:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 84.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
57-12-5	Cyanide, Total	ND	1.1	0.54	mg/Kg		F1	1	9012B	UJ

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1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-3 1-3'
Lab Sample ID: 480-240036-6
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 11:15
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 69.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.75	1.4	0.67	mg/Kg	J		1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-3 4-6'
Lab Sample ID: 480-240036-7
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 11:15
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 84.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
57-12-5	Cyanide, Total	ND	1.2	0.56	mg/Kg		F1	1	9012B	UJ

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1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-4 1-3'
Lab Sample ID: 480-240036-8
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 12:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 81.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.55	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-4 4-6'
Lab Sample ID: 480-240036-9
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 12:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 779852
Instrument ID: SEAL 1
% Solids: 83.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.53	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-4 4-6' DUP
Lab Sample ID: 480-240036-10
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 12:30
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 780075
Instrument ID: SEAL 1
% Solids: 85.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
57-12-5	Cyanide, Total	ND	1.1	0.53	mg/Kg		F1	1	9012B	UJ

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1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-5 1-2'
Lab Sample ID: 480-240036-11
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 13:00
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 780075
Instrument ID: SEAL 1
% Solids: 85.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.51	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-5 4-6'
Lab Sample ID: 480-240036-12
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 13:00
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 780075
Instrument ID: SEAL 1
% Solids: 84.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.55	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-5 4-6' DUP
Lab Sample ID: 480-240036-13
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 13:00
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 780075
Instrument ID: SEAL 1
% Solids: 85.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.0	0.50	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-6 1-3'
Lab Sample ID: 480-240036-14
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 13:45
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 780075
Instrument ID: SEAL 1
% Solids: 86.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.2	0.56	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: TT-6 4-6'
Lab Sample ID: 480-240036-15
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 13:45
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 780075
Instrument ID: SEAL 1
% Solids: 86.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.53	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-MW-3 20-25'
Lab Sample ID: 480-240036-16
Lab Name: Eurofins Buffalo
Job No.: 480-240036-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/30/2026 00:00
Reporting Basis: DRY
Date Received: 06/30/2026 15:45
Preparation Batch Number: 780075
Instrument ID: SEAL 1
% Solids: 79.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.54	mg/Kg			1	9012B

General Chemistry Raw Data Report

Job ID: 480-240036-1

Batch: 779728 — **Analyst Initials: VXF**

Method: Moisture — **Instrument: No Equipment Used for this Test**

Lab Sample ID: 480-240036-B-1

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	18.8767550702028	%
Percent Solids	None	1	81.1232449297972	%

Lab Sample ID: 480-240036-B-2

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.1181102362205	%
Percent Solids	None	1	84.8818897637795	%

Lab Sample ID: 480-240036-B-3

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	17.8378378378378	%
Percent Solids	None	1	82.1621621621622	%

Lab Sample ID: 480-240036-B-4

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.8028169014084	%
Percent Solids	None	1	86.1971830985916	%

Lab Sample ID: 480-240036-B-5

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.8699808795411	%
Percent Solids	None	1	84.1300191204589	%

Lab Sample ID: 480-240036-B-5 MS

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.8699808795411	%
Percent Solids	None	1	84.1300191204589	%

Lab Sample ID: 480-240036-B-5 MSD

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.8699808795411	%
Percent Solids	None	1	84.1300191204589	%

Lab Sample ID: 480-240036-B-6

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	30.225988700565	%
Percent Solids	None	1	69.774011299435	%

Lab Sample ID: 480-240036-B-7

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.7079646017699	%
Percent Solids	None	1	84.2920353982301	%

Batch: 779728 (Continued)
Method: Moisture

Analyst Initials: VXF
Instrument: No Equipment Used for this Test

Lab Sample ID: 480-240036-B-7 MS

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.7079646017699	%
Percent Solids	None	1	84.2920353982301	%

Lab Sample ID: 480-240036-B-7 MSD

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.7079646017699	%
Percent Solids	None	1	84.2920353982301	%

Lab Sample ID: 480-240036-B-8

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	18.6317321688501	%
Percent Solids	None	1	81.3682678311499	%

Lab Sample ID: 480-240036-B-9

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	16.380655226209	%
Percent Solids	None	1	83.619344773791	%

Lab Sample ID: 480-240036-B-10

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15	%
Percent Solids	None	1	85	%

Lab Sample ID: 480-240036-B-11

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.0939597315436	%
Percent Solids	None	1	85.9060402684564	%

Lab Sample ID: 480-240036-B-12

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.6626506024096	%
Percent Solids	None	1	84.3373493975904	%

Lab Sample ID: 480-240036-B-13

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.9565217391304	%
Percent Solids	None	1	85.0434782608696	%

Lab Sample ID: 480-240036-B-14

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.5391923990499	%
Percent Solids	None	1	86.4608076009501	%

Batch: 779728 (Continued)

Analyst Initials: VXF

Method: Moisture

Instrument: No Equipment Used for this Test

Lab Sample ID: 480-240036-B-15

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.1979695431472	%
Percent Solids	None	1	86.8020304568528	%

Lab Sample ID: 480-240036-B-16

Analysis Date: Jul 01, 2026 13:12

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	20.3370786516854	%
Percent Solids	None	1	79.6629213483146	%

Shipping and Receiving Documents

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214744-42931 1
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 5
Company: Brydges Engineering in Environment & Energy DPC	PWSID:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days): 10			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI Soil	Project #: 48030331			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	6010D, 7471B, 9012B	8081B, 8082A, 8270E	8260D TCL VOCs + TICs (ML Bulk)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
TT-1 1-3'	6/30/26	1032	G	Solid			X	X	X	X		
TT-1 4-5'				Solid								
TT-1 5-6'				Solid								
TT-2 1-3'		930		Solid								
TT-2 4-6'				Solid								
TT-2 4-6' MS				Solid	X							
TT-2 4-6 MSD				Solid	X							
TT-3 -3		1115		Solid								
TT 3 4-6				Solid								
TT 3 4 6 MS				Solid	X							
TT 3 4-6 MSD				Solid	X							

480-240036 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	6/30/26 3:15	BE3	[signature]	6-30-26 1545	ET
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.4 5, 29.7, IR #5 C1, Tce

Ver: 03/20/2026

Page 6380 of 6387

07/15/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Beninati John	Carrier Tracking No(s):	COC No: 480-214744-42931.2
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 2 of 5
Company: Brydges Engineering in Environment & Energy DPC	PWSID:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days): 10			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI Soil	Project #: 48030331			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	6010D, 7471B, 9012B	8081B, 8082A, 8270E	8260D TCL VOCs + TICs (ML Bulk)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
TT-4 1-3'	6/30	1230	G	Solid			X	X	X	X		
TT-4 4-6'				Solid								
TT-4 4-6' DUP				Solid								
TT-5 1-2'		1000		Solid								
TT-5 4-6				Solid								
TT-5 4-6 DUP				Solid								
TT-6 1-3'		1445		Solid			X	X	X	X		
TT-6 4-6'				Solid			X	X	X	X		
				Solid								
				Solid								
				Solid								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Paul Hall	4/30/26 345	BE3	Cooper	6-30-26 1545	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 24.5, 29.7 IR#81 ICE

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99314.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240036-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_SnakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TT-1 1-3' (480-240036-1)	6/30/26	10:30 Eastern	G	Solid			X	1	
TT-1 4-5' (480-240036-2)	6/30/26	10:30 Eastern	G	Solid			X	1	
TT-1 5-6' (480-240036-3)	6/30/26	10:30 Eastern	G	Solid			X	1	
TT-2 1-3' (480-240036-4)	6/30/26	09:30 Eastern	G	Solid			X	1	
TT-2 4-6' (480-240036-5)	6/30/26	09:30 Eastern	G	Solid			X	1	
TT-2 4-6' (480-240036-5MS)	6/30/26	09:30 Eastern	G	Solid			X	1	
TT-2 4-6' (480-240036-5MSD)	6/30/26	09:30 Eastern	G	Solid			X	1	
TT-3 1-3' (480-240036-6)	6/30/26	11:15 Eastern	G	Solid			X	1	
TT-3 4-6' (480-240036-7)	6/30/26	11:15 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[signature] 1700	7-1-26 1700	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				7/2/26 10:00	ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R:3.5 C:4.0

AW

07/15/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99314.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240036-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TT-3 4-6' (480-240036-7MS)	6/30/26	11:15 Eastern	G	Solid			X	1	
TT-3 4-6' (480-240036-7MSD)	6/30/26	11:15 Eastern	G	Solid			X	1	
TT-4 1-3' (480-240036-8)	6/30/26	12:30 Eastern	G	Solid			X	1	
TT-4 4-6' (480-240036-9)	6/30/26	12:30 Eastern	G	Solid			X	1	
TT-4 4-6' DUP (480-240036-10)	6/30/26	12:30 Eastern	G	Solid			X	1	
TT-5 1-2' (480-240036-11)	6/30/26	13:00 Eastern	G	Solid			X	1	
TT-5 4-6' (480-240036-12)	6/30/26	13:00 Eastern	G	Solid			X	1	
TT-5 4-6' DUP (480-240036-13)	6/30/26	13:00 Eastern	G	Solid			X	1	
TT-6 1-3' (480-240036-14)	6/30/26	13:45 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			Cairn	7-1-26 1700	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				7/2/26 16:40	ET

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
Δ Yes Δ No		R:3.5 C:4.0

RAW

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99314.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 3 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240036-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TT-6 4-6' (480-240036-15)	6/30/26	13:45 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[signature]	7-1-26 1700	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				7/2/26 10:40	ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		R:3.5 C:4.0

IAW

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99316.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240036-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RI-MW-3 20-25' (480-240036-16)	6/30/26	Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			Comm	7-1-26 1700	ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				7/2/26 10:40	ELET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		R: 3.5 C: 4.0

Appendix B

Laboratory QC Documentation

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02443.D

Lab ID: 480-240036-5 MS Client ID: TT-2 4-6' MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	58.5	ND	52.7	90	77-121	vs
1,1,2,2-Tetrachloroethane	58.5	ND	30.8	53	80-120	F1 vs
1,1,2-Trichloro-1,2,2-trifluoroethane	58.5	ND	48.4	83	60-140	vs
1,1,2-Trichloroethane	58.5	ND	39.6	68	78-122	F1 vs
1,1-Dichloroethane	58.5	ND	56.1	96	73-126	vs
1,1-Dichloroethene	58.5	ND	51.4	88	59-125	vs
1,2,4-Trichlorobenzene	58.5	ND	26.6	45	64-120	F1 vs
1,2-Dibromo-3-Chloropropane	58.5	ND	26.8	46	63-124	F1 vs
1,2-Dichlorobenzene	58.5	ND	34.3	59	75-120	F1 vs
1,2-Dichloroethane	58.5	ND	51.1	87	77-122	vs
1,2-Dichloropropane	58.5	ND	58.3	100	75-124	vs
1,3-Dichlorobenzene	58.5	ND	35.2	60	74-120	F1 vs
1,4-Dichlorobenzene	58.5	ND	34.5	59	73-120	F1 vs
2-Butanone (MEK)	292	ND	196	67	70-134	F1 vs
2-Hexanone	292	ND	151	52	59-130	F1 vs
4-Methyl-2-pentanone (MIBK)	292	ND	159	54	65-133	F1 vs
Acetone	292	ND	205	70	61-137	vs
Benzene	58.5	ND	55.6	95	79-127	vs
Bromoform	58.5	ND	37.4	64	68-126	F1 vs
Bromomethane	58.5	ND	60.0	102	37-149	vs
Carbon disulfide	58.5	ND	50.4	86	64-131	vs
Carbon tetrachloride	58.5	ND	53.1	91	75-135	vs
Chlorobenzene	58.5	ND	42.8	73	76-124	F1 vs
Dibromochloromethane	58.5	ND	41.7	71	76-125	F1 vs
Chloroethane	58.5	ND	60.8	104	69-135	vs
Chloroform	58.5	0.93 J	52.8	89	80-120	vs
Chloromethane	58.5	ND	67.5	115	63-127	vs
cis-1,2-Dichloroethene	58.5	ND	55.8	95	80-120	vs
Cyclohexane	58.5	ND	50.0	85	65-120	vs
Bromodichloromethane	58.5	ND	55.6	95	80-122	vs
Dichlorodifluoromethane	58.5	ND	62.5	107	57-142	vs
Ethylbenzene	58.5	ND	42.0	72	80-120	F1 vs
1,2-Dibromoethane	58.5	ND	37.7	64	78-120	F1 vs
Isopropylbenzene	58.5	ND	37.8	65	72-120	F1 vs
Methyl acetate	117	ND	79.5	68	55-136	vs
Methyl tert-butyl ether	58.5	ND	46.2	79	63-125	vs
Methylcyclohexane	58.5	ND	44.5	76	60-140	vs
Methylene Chloride	58.5	ND	58.4	100	61-127	vs
Tetrachloroethene	58.5	ND	38.9	66	74-122	F1 vs
Toluene	58.5	ND	43.8	75	74-128	vs
trans-1,2-Dichloroethene	58.5	ND	53.2	91	78-126	vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02443.D

Lab ID: 480-240036-5 MS Client ID: TT-2 4-6' MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	58.5	ND	40.4	69	73-123	F1 vs
Trichloroethene	58.5	ND	54.4	93	77-129	vs
Trichlorofluoromethane	58.5	ND	54.5	93	65-146	vs
Vinyl chloride	58.5	ND	61.0	104	61-133	vs
cis-1,3-Dichloropropene	58.5	ND	54.8	94	80-120	vs
Styrene	58.5	ND	42.5	73	80-120	F1 vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02445.D

Lab ID: 480-240036-7 MS Client ID: TT-3 4-6' MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	59.2	ND	48.4	82	77-121	vs
1,1,2,2-Tetrachloroethane	59.2	ND	29.1	49	80-120	F1 vs
1,1,2-Trichloro-1,2,2-trifluoroethane	59.2	ND	41.9	71	60-140	vs
1,1,2-Trichloroethane	59.2	ND	38.0	64	78-122	F1 vs
1,1-Dichloroethane	59.2	ND	54.0	91	73-126	vs
1,1-Dichloroethene	59.2	ND	45.9	77	59-125	vs
1,2,4-Trichlorobenzene	59.2	ND	19.9	34	64-120	F1 vs
1,2-Dibromo-3-Chloropropane	59.2	ND	24.9	42	63-124	F1 vs
1,2-Dichlorobenzene	59.2	ND	28.1	48	75-120	F1 vs
1,2-Dichloroethane	59.2	ND	47.8	81	77-122	vs
1,2-Dichloropropane	59.2	ND	52.9	89	75-124	vs
1,3-Dichlorobenzene	59.2	ND	28.7	48	74-120	F1 vs
1,4-Dichlorobenzene	59.2	ND	28.4	48	73-120	F1 vs
2-Butanone (MEK)	296	ND	194	66	70-134	F1 vs
2-Hexanone	296	ND	150	51	59-130	F1 vs
4-Methyl-2-pentanone (MIBK)	296	ND	156	53	65-133	F1 vs
Acetone	296	ND	198	67	61-137	vs
Benzene	59.2	ND	51.6	87	79-127	vs
Bromoform	59.2	ND	34.1	58	68-126	F1 vs
Bromomethane	59.2	ND	56.4	95	37-149	vs
Carbon disulfide	59.2	ND	44.8	76	64-131	vs
Carbon tetrachloride	59.2	ND	47.2	80	75-135	vs
Chlorobenzene	59.2	ND	37.1	63	76-124	F1 vs
Dibromochloromethane	59.2	ND	39.5	67	76-125	F1 vs
Chloroethane	59.2	ND	54.9	93	69-135	vs
Chloroform	59.2	0.82 J	49.9	83	80-120	vs
Chloromethane	59.2	ND	60.9	103	63-127	vs
cis-1,2-Dichloroethene	59.2	ND	51.2	87	80-120	vs
Cyclohexane	59.2	ND	41.9	71	65-120	vs
Bromodichloromethane	59.2	ND	51.7	87	80-122	vs
Dichlorodifluoromethane	59.2	ND	54.2	92	57-142	vs
Ethylbenzene	59.2	ND	35.9	61	80-120	F1 vs
1,2-Dibromoethane	59.2	ND	34.9	59	78-120	F1 vs
Isopropylbenzene	59.2	ND	32.7	55	72-120	F1 vs
Methyl acetate	118	ND	75.1	63	55-136	vs
Methyl tert-butyl ether	59.2	ND	46.6	79	63-125	vs
Methylcyclohexane	59.2	ND	37.1	63	60-140	vs
Methylene Chloride	59.2	ND	56.6	96	61-127	vs
Tetrachloroethene	59.2	ND	33.3	56	74-122	F1 vs
Toluene	59.2	ND	38.4	65	74-128	F1 vs
trans-1,2-Dichloroethene	59.2	ND	48.2	81	78-126	vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02445.D

Lab ID: 480-240036-7 MS Client ID: TT-3 4-6' MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	59.2	ND	36.9	62	73-123	F1 vs
Trichloroethene	59.2	ND	47.3	80	77-129	vs
Trichlorofluoromethane	59.2	ND	49.1	83	65-146	vs
Vinyl chloride	59.2	ND	54.6	92	61-133	vs
cis-1,3-Dichloropropene	59.2	ND	50.0	84	80-120	vs
Styrene	59.2	ND	35.9	61	80-120	F1 vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02444.D

Lab ID: 480-240036-5 MSD Client ID: TT-2 4-6' MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	58.5	48.6	83	8	30	77-121	vs
1,1,2,2-Tetrachloroethane	58.5	29.5	50	4	30	80-120	F1 vs
1,1,2-Trichloro-1,2,2-trifluoroethane	58.5	46.5	79	4	30	60-140	vs
1,1,2-Trichloroethane	58.5	38.7	66	2	30	78-122	F1 vs
1,1-Dichloroethane	58.5	51.8	89	8	30	73-126	vs
1,1-Dichloroethene	58.5	47.4	81	8	30	59-125	vs
1,2,4-Trichlorobenzene	58.5	27.3	47	2	30	64-120	F1 vs
1,2-Dibromo-3-Chloropropane	58.5	24.5	42	9	30	63-124	F1 vs
1,2-Dichlorobenzene	58.5	33.0	56	4	30	75-120	F1 vs
1,2-Dichloroethane	58.5	47.2	81	8	30	77-122	vs
1,2-Dichloropropane	58.5	53.1	91	9	30	75-124	vs
1,3-Dichlorobenzene	58.5	34.4	59	2	30	74-120	F1 vs
1,4-Dichlorobenzene	58.5	33.6	57	3	30	73-120	F1 vs
2-Butanone (MEK)	292	180	62	8	30	70-134	F1 vs
2-Hexanone	292	140	48	8	30	59-130	F1 vs
4-Methyl-2-pentanone (MIBK)	292	148	51	7	30	65-133	F1 vs
Acetone	292	192	66	6	30	61-137	vs
Benzene	58.5	51.8	89	7	30	79-127	vs
Bromoform	58.5	35.3	60	6	30	68-126	F1 vs
Bromomethane	58.5	52.9	90	13	30	37-149	vs
Carbon disulfide	58.5	44.5	76	12	30	64-131	vs
Carbon tetrachloride	58.5	49.2	84	8	30	75-135	vs
Chlorobenzene	58.5	40.1	69	7	30	76-124	F1 vs
Dibromochloromethane	58.5	39.1	67	7	30	76-125	F1 vs
Chloroethane	58.5	54.8	94	10	30	69-135	vs
Chloroform	58.5	48.9	82	8	30	80-120	vs
Chloromethane	58.5	58.8	101	14	30	63-127	vs
cis-1,2-Dichloroethene	58.5	50.3	86	10	30	80-120	vs
Cyclohexane	58.5	46.1	79	8	30	65-120	vs
Bromodichloromethane	58.5	52.3	89	6	30	80-122	vs
Dichlorodifluoromethane	58.5	55.1	94	13	30	57-142	vs
Ethylbenzene	58.5	39.4	67	6	30	80-120	F1 vs
1,2-Dibromoethane	58.5	36.1	62	4	30	78-120	F1 vs
Isopropylbenzene	58.5	36.1	62	4	30	72-120	F1 vs
Methyl acetate	117	69.4	59	14	30	55-136	vs
Methyl tert-butyl ether	58.5	42.8	73	8	30	63-125	vs
Methylcyclohexane	58.5	41.3	71	7	30	60-140	vs
Methylene Chloride	58.5	54.0	92	8	30	61-127	vs
Tetrachloroethene	58.5	37.4	64	4	30	74-122	F1 vs
Toluene	58.5	40.9	70	7	30	74-128	F1 vs
trans-1,2-Dichloroethene	58.5	48.1	82	10	30	78-126	vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02444.D

Lab ID: 480-240036-5 MSD Client ID: TT-2 4-6' MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
trans-1,3-Dichloropropene	58.5	38.5	66	5	30	73-123	F1 vs
Trichloroethene	58.5	48.8	83	11	30	77-129	vs
Trichlorofluoromethane	58.5	49.6	85	9	30	65-146	vs
Vinyl chloride	58.5	53.3	91	14	30	61-133	vs
cis-1,3-Dichloropropene	58.5	51.0	87	7	30	80-120	vs
Styrene	58.5	39.8	68	6	30	80-120	F1 vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02446.D

Lab ID: 480-240036-7 MSD Client ID: TT-3 4-6' MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	59.3	45.8	77	5	30	77-121	vs
1,1,2,2-Tetrachloroethane	59.3	29.4	50	1	30	80-120	F1 vs
1,1,2-Trichloro-1,2,2-trifluoroethane	59.3	38.9	66	7	30	60-140	vs
1,1,2-Trichloroethane	59.3	37.8	64	1	30	78-122	F1 vs
1,1-Dichloroethane	59.3	51.8	87	4	30	73-126	vs
1,1-Dichloroethene	59.3	42.9	72	7	30	59-125	vs
1,2,4-Trichlorobenzene	59.3	20.5	35	3	30	64-120	F1 vs
1,2-Dibromo-3-Chloropropane	59.3	24.8	42	0	30	63-124	F1 vs
1,2-Dichlorobenzene	59.3	28.0	47	1	30	75-120	F1 vs
1,2-Dichloroethane	59.3	50.3	85	5	30	77-122	vs
1,2-Dichloropropane	59.3	54.2	91	2	30	75-124	vs
1,3-Dichlorobenzene	59.3	28.4	48	1	30	74-120	F1 vs
1,4-Dichlorobenzene	59.3	28.3	48	0	30	73-120	F1 vs
2-Butanone (MEK)	297	191	64	2	30	70-134	F1 vs
2-Hexanone	297	155	52	3	30	59-130	F1 vs
4-Methyl-2-pentanone (MIBK)	297	161	54	3	30	65-133	F1 vs
Acetone	297	193	65	2	30	61-137	vs
Benzene	59.3	51.0	86	1	30	79-127	vs
Bromoform	59.3	36.2	61	6	30	68-126	F1 vs
Bromomethane	59.3	55.0	93	2	30	37-149	vs
Carbon disulfide	59.3	41.9	71	7	30	64-131	vs
Carbon tetrachloride	59.3	44.4	75	6	30	75-135	vs
Chlorobenzene	59.3	36.9	62	0	30	76-124	F1 vs
Dibromochloromethane	59.3	40.8	69	3	30	76-125	F1 vs
Chloroethane	59.3	53.3	90	3	30	69-135	vs
Chloroform	59.3	49.1	81	2	30	80-120	vs
Chloromethane	59.3	58.6	99	4	30	63-127	vs
cis-1,2-Dichloroethene	59.3	50.4	85	2	30	80-120	vs
Cyclohexane	59.3	39.1	66	7	30	65-120	vs
Bromodichloromethane	59.3	52.9	89	2	30	80-122	vs
Dichlorodifluoromethane	59.3	51.0	86	6	30	57-142	vs
Ethylbenzene	59.3	35.4	60	2	30	80-120	F1 vs
1,2-Dibromoethane	59.3	35.9	60	3	30	78-120	F1 vs
Isopropylbenzene	59.3	30.9	52	6	30	72-120	F1 vs
Methyl acetate	119	79.3	67	5	30	55-136	vs
Methyl tert-butyl ether	59.3	46.6	79	0	30	63-125	vs
Methylcyclohexane	59.3	33.9	57	9	30	60-140	F1 vs
Methylene Chloride	59.3	57.8	97	2	30	61-127	vs
Tetrachloroethene	59.3	31.6	53	5	30	74-122	F1 vs
Toluene	59.3	38.1	64	1	30	74-128	F1 vs
trans-1,2-Dichloroethene	59.3	45.3	76	6	30	78-126	F1 vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02446.D

Lab ID: 480-240036-7 MSD Client ID: TT-3 4-6' MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
trans-1,3-Dichloropropene	59.3	38.8	65	5	30	73-123	F1 vs
Trichloroethene	59.3	46.4	78	2	30	77-129	vs
Trichlorofluoromethane	59.3	43.3	73	13	30	65-146	vs
Vinyl chloride	59.3	50.6	85	8	30	61-133	vs
cis-1,3-Dichloropropene	59.3	52.4	88	5	30	80-120	vs
Styrene	59.3	36.5	61	2	30	80-120	F1 vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Lab Sample ID: CCVIS 480-779859/4 Calibration Date: 07/02/2026 20:00

Instrument ID: HP5977M Calib Start Date: 05/29/2026 00:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/29/2026 02:23

Lab File ID: M02419.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D	
Dichlorodifluoromethane	Ave	1.437	2.390	0.1000	83.2	50.0	66.0*	50.0	
Chloromethane	Ave	2.376	3.519	0.1000	74.0	50.0	48.0*	20.0	
Vinyl chloride	Ave	1.969	2.975	0.1000	75.5	50.0	51.0*	20.0	
Butadiene	Ave	2.049	3.347		81.7	50.0	63.0*	20.0	NT
Bromomethane	Ave	1.003	1.356	0.1000	67.6	50.0	35.0	50.0	
Chloroethane	Ave	1.100	1.557	0.1000	70.7	50.0	41.0	50.0	
Trichlorofluoromethane	Ave	1.822	2.603	0.1000	71.4	50.0	43.0*	20.0	
Ethyl ether	Ave	1.328	1.483		55.9	50.0	12.0	20.0	
Acrolein	Ave	0.1214	0.1180		243	250	-3.0	50.0	
1,1-Dichloroethene	Ave	0.9688	1.190	0.1000	61.4	50.0	23.0*	20.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.247	1.634	0.1000	65.5	50.0	31.0*	20.0	
Acetone	Ave	0.5276	0.5991	0.1000	284	250	14.0	50.0	
Iodomethane	Ave	2.010	2.304		57.3	50.0	15.0	20.0	
Carbon disulfide	Ave	3.840	4.698	0.1000	61.2	50.0	22.0*	20.0	
3-Chloro-1-propene	Ave	2.301	2.904		63.1	50.0	26.0*	20.0	NT
Methyl acetate	Ave	1.169	1.282	0.1000	110	100	10.0	50.0	
Methylene Chloride	Lin1		1.482	0.1000	59.5	50.0	19.0	20.0	
2-Methyl-2-propanol	Ave	0.1661	0.1527		460	500	-8.0	50.0	
Methyl tert-butyl ether	Ave	3.628	3.750	0.1000	51.7	50.0	3.0	20.0	
trans-1,2-Dichloroethene	Ave	1.204	1.433	0.1000	59.5	50.0	19.0	20.0	
Acrylonitrile	Ave	0.7026	0.7299		519	500	4.0	20.0	
Hexane	Ave	2.535	3.302		65.1	50.0	30.0*	20.0	NT
1,1-Dichloroethane	Ave	2.689	3.195	0.2000	59.4	50.0	19.0	20.0	
Vinyl acetate	Ave	2.492	2.892		116	100	16.0	20.0	
2,2-Dichloropropane	Ave	1.404	1.709		60.9	50.0	22.0*	20.0	NT
cis-1,2-Dichloroethene	Ave	1.314	1.543	0.1000	58.7	50.0	17.0	20.0	
2-Butanone (MEK)	Ave	0.7170	0.8848	0.1000	309	250	23.0*	20.0	
Chlorobromomethane	Ave	0.6739	0.7238		53.7	50.0	7.0	20.0	
Tetrahydrofuran	Ave	0.4702	0.5324		113	100	13.0	20.0	
Chloroform	Ave	2.317	2.533	0.2000	54.6	50.0	9.0	20.0	
1,1,1-Trichloroethane	Ave	1.724	2.204	0.1000	63.9	50.0	28.0*	20.0	
Cyclohexane	Ave	3.201	4.294	0.1000	67.1	50.0	34.0*	20.0	
Carbon tetrachloride	Ave	1.364	1.860	0.1000	68.2	50.0	36.0*	20.0	
1,1-Dichloropropene	Ave	1.545	1.962		63.5	50.0	27.0*	20.0	NT
Benzene	Ave	4.533	5.434	0.5000	59.9	50.0	20.0	20.0	
Isobutyl alcohol	Ave	0.0517	0.0631		1520	1250	22.0	50.0	
1,2-Dichloroethane	Ave	2.016	2.184	0.1000	54.2	50.0	8.0	20.0	
n-Heptane	Ave	2.417	3.296		68.2	50.0	36.0*	20.0	NT
Trichloroethene	Ave	1.182	1.465	0.2000	62.0	50.0	24.0*	20.0	
Methylcyclohexane	Ave	2.151	2.758	0.1000	64.1	50.0	28.0*	20.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Lab Sample ID: CCVIS 480-779859/4 Calibration Date: 07/02/2026 20:00

Instrument ID: HP5977M Calib Start Date: 05/29/2026 00:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/29/2026 02:23

Lab File ID: M02419.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D	
1,2-Dichloropropane	Ave	1.473	1.716	0.1000	58.2	50.0	16.0	20.0	
Dibromomethane	Ave	0.7518	0.8050	0.1000	53.5	50.0	7.0	20.0	
1,4-Dioxane	Ave	0.0072	0.0061		859	1000	-14.0	50.0	
Bromodichloromethane	Ave	1.502	1.760	0.2000	58.6	50.0	17.0	20.0	
2-Chloroethyl vinyl ether	Ave	0.7885	0.8987		57.0	50.0	14.0	20.0	
cis-1,3-Dichloropropene	Ave	1.660	2.022	0.2000	60.9	50.0	22.0*	20.0	
4-Methyl-2-pentanone (MIBK)	Ave	0.8030	0.7210	0.1000	224	250	-10.0	20.0	
Toluene	Ave	1.381	1.332	0.4000	48.2	50.0	-4.0	20.0	
trans-1,3-Dichloropropene	Ave	0.7058	0.6734	0.1000	47.7	50.0	-5.0	20.0	
Ethyl methacrylate	Ave	0.6704	0.5865		43.7	50.0	-13.0	20.0	
1,1,2-Trichloroethane	Ave	0.4187	0.3763	0.1000	44.9	50.0	-10.0	20.0	
Tetrachloroethene	Ave	0.5651	0.5735	0.2000	50.7	50.0	1.0	20.0	
1,3-Dichloropropane	Ave	0.8308	0.7499		45.1	50.0	-10.0	20.0	
2-Hexanone	Ave	0.5305	0.4919	0.1000	232	250	-7.0	20.0	
Dibromochloromethane	Ave	0.5087	0.5131	0.1000	50.4	50.0	1.0	20.0	
1,2-Dibromoethane	Ave	0.4902	0.4438		45.3	50.0	-9.0	20.0	
Chlorobenzene	Ave	1.561	1.439	0.5000	46.1	50.0	-8.0	20.0	
Ethylbenzene	Ave	2.685	2.609	0.1000	48.6	50.0	-3.0	20.0	
1,1,1,2-Tetrachloroethane	Ave	0.5258	0.5152		49.0	50.0	-2.0	20.0	
m-Xylene & p-Xylene	Ave	1.038	0.9819	0.1000	47.3	50.0	-5.0	20.0	
o-Xylene	Ave	1.064	0.9736	0.3000	45.7	50.0	-9.0	20.0	
Styrene	Ave	1.702	1.572	0.3000	46.2	50.0	-8.0	20.0	
Bromoform	Ave	0.3066	0.3111	0.1000	50.7	50.0	1.0	50.0	
Isopropylbenzene	Ave	2.806	2.600	0.1000	46.3	50.0	-7.0	20.0	
Bromobenzene	Ave	0.6840	0.5561		40.7	50.0	-19.0	20.0	
1,1,2,2-Tetrachloroethane	Ave	0.7551	0.6137	0.3000	40.6	50.0	-19.0	20.0	
N-Propylbenzene	Ave	3.349	3.085		46.1	50.0	-8.0	20.0	
1,2,3-Trichloropropane	Ave	0.2407	0.1789		37.2	50.0	-26.0*	20.0	NT
trans-1,4-Dichloro-2-butene	Ave	0.2725	0.2386		43.8	50.0	-12.0	50.0	
2-Chlorotoluene	Ave	0.6672	0.5995		44.9	50.0	-10.0	20.0	
1,3,5-Trimethylbenzene	Ave	2.434	2.194		45.1	50.0	-10.0	20.0	
4-Chlorotoluene	Ave	0.6833	0.5984		43.8	50.0	-12.0	20.0	
tert-Butylbenzene	Ave	0.5051	0.4747		47.0	50.0	-6.0	20.0	
1,2,4-Trimethylbenzene	Ave	2.551	2.213		43.4	50.0	-13.0	20.0	
sec-Butylbenzene	Ave	3.103	2.891		46.6	50.0	-7.0	20.0	
1,3-Dichlorobenzene	Ave	1.338	1.125	0.6000	42.0	50.0	-16.0	20.0	
4-Isopropyltoluene	Ave	2.704	2.443		45.2	50.0	-10.0	20.0	
1,4-Dichlorobenzene	Ave	1.368	1.123	0.5000	41.0	50.0	-18.0	20.0	
n-Butylbenzene	Ave	2.533	2.304		45.5	50.0	-9.0	20.0	
1,2-Dichlorobenzene	Ave	1.354	1.091	0.4000	40.3	50.0	-19.0	20.0	
1,2-Dibromo-3-Chloropropane	Ave	0.1393	0.1153	0.0500	41.4	50.0	-17.0	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Lab Sample ID: CCVIS 480-779859/4 Calibration Date: 07/02/2026 20:00

Instrument ID: HP5977M Calib Start Date: 05/29/2026 00:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/29/2026 02:23

Lab File ID: M02419.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D	
1,2,4-Trichlorobenzene	Ave	1.028	0.8070	0.2000	39.2	50.0	-22.0*	20.0	
Hexachlorobutadiene	Ave	0.5138	0.4468		43.5	50.0	-13.0	20.0	
Naphthalene	Ave	2.781	2.107		37.9	50.0	-24.0*	20.0	NT
1,2,3-Trichlorobenzene	Ave	1.067	0.8192		38.4	50.0	-23.0*	20.0	NT
Dibromofluoromethane (Surr)	Ave	1.333	1.386		52.0	50.0	4.0	20.0	
1,2-Dichloroethane-d4 (Surr)	Ave	0.7880	0.7816		49.6	50.0	-1.0	20.0	
Toluene-d8 (Surr)	Ave	2.367	2.109		44.6	50.0	-11.0	20.0	
4-Bromofluorobenzene (Surr)	Ave	0.7115	0.7483		52.6	50.0	5.0	20.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Lab Sample ID: ICV 480-779074/27 Calibration Date: 06/24/2026 04:58

Instrument ID: HP5977R Calib Start Date: 06/23/2026 22:12

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 06/24/2026 00:27

Lab File ID: R5112.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	2.545	1.578	0.1000	31.0	50.0	-38.0	50.0
Chloromethane	Ave	1.965	1.679	0.1000	42.7	50.0	-15.0	30.0
Vinyl chloride	Ave	2.183	1.937	0.1000	44.4	50.0	-11.0	30.0
Butadiene	Ave	1.867	1.738		46.5	50.0	-7.0	30.0
Bromomethane	Ave	1.389	1.330	0.1000	47.9	50.0	-4.0	50.0
Chloroethane	Ave	1.155	1.143	0.1000	49.5	50.0	-1.0	50.0
Trichlorofluoromethane	Ave	2.560	2.592	0.1000	50.6	50.0	1.0	30.0
Ethyl ether	Ave	0.9140	0.9706		53.1	50.0	6.0	30.0
Acrolein	Ave	0.0520	0.0542		260	250	4.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.666	1.749	0.1000	52.5	50.0	5.0	30.0
1,1-Dichloroethene	Ave	1.227	1.229	0.1000	50.1	50.0	0.0	30.0
Acetone	Ave	0.2311	0.2366	0.1000	256	250	2.0	50.0
Iodomethane	Ave	2.291	2.414		52.7	50.0	5.0	30.0
Carbon disulfide	Ave	4.962	5.008	0.1000	50.5	50.0	1.0	30.0
3-Chloro-1-propene	Ave	1.542	1.547		50.1	50.0	0.0	30.0
Methyl acetate	Ave	0.5740	0.6053	0.1000	105	100	5.0	50.0
Methylene Chloride	Lin1		1.649	0.1000	57.1	50.0	14.0	30.0
2-Methyl-2-propanol	Ave	0.1141	0.1250		548	500	10.0	50.0
Methyl tert-butyl ether	Ave	3.853	4.114	0.1000	53.4	50.0	7.0	30.0
trans-1,2-Dichloroethene	Ave	1.436	1.462	0.1000	50.9	50.0	2.0	30.0
Acrylonitrile	Ave	0.3446	0.3664		532	500	6.0	30.0
Hexane	Ave	1.869	1.689		45.2	50.0	-10.0	30.0
1,1-Dichloroethane	Ave	2.183	2.261	0.2000	51.8	50.0	4.0	30.0
Vinyl acetate	Ave	1.217	1.241		102	100	2.0	30.0
2,2-Dichloropropane	Ave	1.905	1.891		49.6	50.0	-1.0	30.0
cis-1,2-Dichloroethene	Ave	1.506	1.588	0.1000	52.7	50.0	5.0	30.0
2-Butanone (MEK)	Ave	0.3067	0.3218	0.1000	262	250	5.0	30.0
Chlorobromomethane	Ave	0.6947	0.7376		53.1	50.0	6.0	30.0
Tetrahydrofuran	Ave	0.2282	0.2335		102	100	2.0	30.0
Chloroform	Ave	2.358	2.456	0.2000	52.1	50.0	4.0	30.0
1,1,1-Trichloroethane	Ave	2.238	2.359	0.1000	52.7	50.0	5.0	30.0
Cyclohexane	Ave	2.530	2.549	0.1000	50.4	50.0	1.0	30.0
Carbon tetrachloride	Ave	1.868	2.041	0.1000	54.6	50.0	9.0	30.0
1,1-Dichloropropene	Ave	1.644	1.662		50.6	50.0	1.0	30.0
Benzene	Ave	5.024	5.138	0.5000	51.1	50.0	2.0	30.0
Isobutyl alcohol	Ave	0.0356	0.0383		1340	1250	8.0	50.0
1,2-Dichloroethane	Ave	1.259	1.333	0.1000	52.9	50.0	6.0	30.0
n-Heptane	Ave	1.375	1.335		48.6	50.0	-3.0	30.0
Trichloroethene	Ave	1.264	1.316	0.2000	52.1	50.0	4.0	30.0
Methylcyclohexane	Ave	2.867	2.857	0.1000	49.8	50.0	0.0	30.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779855/2-A

Matrix: Solid | Lab File ID: M02423.D

Analysis Method: EPA 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/02/2026 21:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 779859 | Units: ug/Kg

Preparation Batch No.: 779855 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	0.81
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	0.65
75-34-3	1,1-Dichloroethane	ND		5.0	0.61
75-35-4	1,1-Dichloroethene	ND		5.0	0.61
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.5
95-50-1	1,2-Dichlorobenzene	ND		5.0	0.39
107-06-2	1,2-Dichloroethane	ND		5.0	0.25
78-87-5	1,2-Dichloropropane	ND		5.0	2.5
541-73-1	1,3-Dichlorobenzene	ND		5.0	0.26
106-46-7	1,4-Dichlorobenzene	ND		5.0	0.70
78-93-3	2-Butanone (MEK)	ND		25	1.8
591-78-6	2-Hexanone	ND		25	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	1.6
67-64-1	Acetone	ND		25	4.2
71-43-2	Benzene	ND		5.0	0.25
75-25-2	Bromoform	ND		5.0	2.5
74-83-9	Bromomethane	ND		5.0	0.45
75-15-0	Carbon disulfide	ND		5.0	2.5
56-23-5	Carbon tetrachloride	ND		5.0	0.48
108-90-7	Chlorobenzene	ND		5.0	0.66
124-48-1	Dibromochloromethane	ND		5.0	0.64
75-00-3	Chloroethane	ND		5.0	1.1
67-66-3	Chloroform	0.755	J	5.0	0.31
74-87-3	Chloromethane	ND		5.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		5.0	0.64
110-82-7	Cyclohexane	ND		5.0	0.70
75-27-4	Bromodichloromethane	ND		5.0	0.67
75-71-8	Dichlorodifluoromethane	ND		5.0	0.41
100-41-4	Ethylbenzene	ND		5.0	0.35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779856/2-A

Matrix: Solid | Lab File ID: R5144.D

Analysis Method: EPA 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/02/2026 21:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	0.81
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	0.65
75-34-3	1,1-Dichloroethane	ND		5.0	0.61
75-35-4	1,1-Dichloroethene	ND		5.0	0.61
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.5
95-50-1	1,2-Dichlorobenzene	ND		5.0	0.39
107-06-2	1,2-Dichloroethane	ND		5.0	0.25
78-87-5	1,2-Dichloropropane	ND		5.0	2.5
541-73-1	1,3-Dichlorobenzene	ND		5.0	0.26
106-46-7	1,4-Dichlorobenzene	ND		5.0	0.70
78-93-3	2-Butanone (MEK)	ND		25	1.8
591-78-6	2-Hexanone	ND		25	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	1.6
67-64-1	Acetone	6.40	J	25	4.2
71-43-2	Benzene	ND		5.0	0.25
75-25-2	Bromoform	ND		5.0	2.5
74-83-9	Bromomethane	ND		5.0	0.45
75-15-0	Carbon disulfide	ND		5.0	2.5
56-23-5	Carbon tetrachloride	ND		5.0	0.48
108-90-7	Chlorobenzene	ND		5.0	0.66
124-48-1	Dibromochloromethane	ND		5.0	0.64
75-00-3	Chloroethane	ND		5.0	1.1
67-66-3	Chloroform	0.759	J	5.0	0.31
74-87-3	Chloromethane	ND		5.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		5.0	0.64
110-82-7	Cyclohexane	ND		5.0	0.70
75-27-4	Bromodichloromethane	ND		5.0	0.67
75-71-8	Dichlorodifluoromethane	ND		5.0	0.41
100-41-4	Ethylbenzene	ND		5.0	0.35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779856/2-A

Matrix: Solid | Lab File ID: R5144.D

Analysis Method: EPA 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/02/2026 21:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	ND		5.0	0.64
98-82-8	Isopropylbenzene	ND		5.0	0.75
79-20-9	Methyl acetate	ND		25	3.0
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.49
108-87-2	Methylcyclohexane	ND		5.0	0.76
75-09-2	Methylene Chloride	ND		5.0	2.3
127-18-4	Tetrachloroethene	ND		5.0	0.67
108-88-3	Toluene	0.394	J	5.0	0.38
156-60-5	trans-1,2-Dichloroethene	ND		5.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	2.2
79-01-6	Trichloroethene	ND		5.0	1.1
75-69-4	Trichlorofluoromethane	ND		5.0	0.47
75-01-4	Vinyl chloride	ND		5.0	0.61
1330-20-7	Xylenes, Total	ND		10	0.84
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	0.72
100-42-5	Styrene	ND		5.0	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		64-126
460-00-4	4-Bromofluorobenzene (Surr)	102		72-126
2037-26-5	Toluene-d8 (Surr)	101		71-125
1868-53-7	Dibromofluoromethane (Surr)	99		60-140

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779856/2-A

Matrix: Solid | Lab File ID: R5144.D

Analysis Method: EPA 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/02/2026 21:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 779862 | Units: ug/Kg

Preparation Batch No.: 779856 | Instrument ID: HP5977R

Number TICs Found: 1 | TIC Result Total: 5.47

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	11.39	5.47	T J	

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: V31750149.d

Lab ID: 480-240036-7 MS Client ID: TT-3 4-6' MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Biphenyl	3080	ND	2800	91	58-120	
bis (2-chloroisopropyl) ether	3080	ND	2430	79	31-120	
2,4,5-Trichlorophenol	3080	ND	2830	92	46-120	
2,4,6-Trichlorophenol	3080	ND	2820	92	41-123	
2,4-Dichlorophenol	3080	ND	2710	88	45-120	
2,4-Dimethylphenol	3080	ND	2680	87	52-120	
2,4-Dinitrophenol	6160	ND	4320	70	41-146	
2,4-Dinitrotoluene	3080	ND	3140	102	63-125	
2,6-Dinitrotoluene	3080	ND	3080	100	66-120	
2-Chloronaphthalene	3080	ND	2760	90	57-120	
1,4-Dioxane	3080	ND	1460	47	13-120	
2-Chlorophenol	3080	ND	2610	85	43-120	
2-Methylphenol	3080	ND	2620	85	48-120	
2-Methylnaphthalene	3080	ND	2730	89	55-120	
2-Nitroaniline	3080	ND	3050	99	61-120	
2-Nitrophenol	3080	ND	2990	97	37-120	
3,3'-Dichlorobenzidine	3080	ND	2700	88	37-126	
3-Nitroaniline	3080	ND	2780	90	48-120	
4,6-Dinitro-2-methylphenol	6160	ND	5860	95	23-149	
4-Bromophenyl phenyl ether	3080	ND	2960	96	58-120	
4-Chloro-3-methylphenol	3080	ND	2860	93	49-125	
4-Chloroaniline	3080	ND	2300	75	38-120	
4-Chlorophenyl phenyl ether	3080	ND	2820	92	63-124	
4-Methylphenol	3080	ND	2750	89	50-120	
4-Nitroaniline	3080	ND	2720	88	47-120	
4-Nitrophenol	6160	ND	5970	97	31-147	
Acenaphthene	3080	ND	2780	90	60-120	
Acenaphthylene	3080	ND	2860	93	58-121	
Acetophenone	3080	ND	2650	86	47-120	
Anthracene	3080	ND	3020	98	62-120	
Atrazine	3080	ND	3400	110	60-150	
Benzaldehyde	3080	ND	2750	89	10-150	
Benzo[a]anthracene	3080	ND	4180	136	65-120	F1
Benzo[a]pyrene	3080	ND	3870	126	64-120	F1
Benzo[b]fluoranthene	3080	ND	4540	147	10-150	
Benzo[g,h,i]perylene	3080	ND	3690	120	45-145	
Benzo[k]fluoranthene	3080	ND	3200	104	23-150	
Bis(2-chloroethoxy)methane	3080	ND	2620	85	52-120	
Bis(2-chloroethyl)ether	3080	ND	2480	80	45-120	
Bis(2-ethylhexyl) phthalate	3080	56 J	3000	96	61-133	
Butyl benzyl phthalate	3080	ND	3010	98	61-120	
Caprolactam	3080	ND	3060	99	37-133	

Column to be used to flag recovery and RPD values

FORM III EPA 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: V31750149.d

Lab ID: 480-240036-7 MS Client ID: TT-3 4-6' MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Carbazole	3080	ND	3060	99	59-120	
Chrysene	3080	ND	4260	138	64-120	F1
Dibenz(a,h)anthracene	3080	ND	3300	107	54-132	
Di-n-butyl phthalate	3080	ND	3030	98	58-130	
Di-n-octyl phthalate	3080	ND	3120	101	57-133	
Dibenzofuran	3080	ND	2830	92	62-120	
Diethyl phthalate	3080	ND	2880	94	66-120	
Dimethyl phthalate	3080	ND	2900	94	65-124	
Fluoranthene	3080	ND	5560	180	62-120	F1
Fluorene	3080	ND	2980	97	63-120	
Hexachlorobenzene	3080	ND	2920	95	60-120	
Hexachlorobutadiene	3080	ND	2410	78	45-120	
Hexachlorocyclopentadiene	3080	ND	1800	59	31-120	
Hexachloroethane	3080	ND	2240	73	21-120	
Indeno[1,2,3-cd]pyrene	3080	ND	3800	123	56-134	
Isophorone	3080	ND	2750	89	56-120	
N-Nitrosodi-n-propylamine	3080	ND	2740	89	46-120	
N-Nitrosodiphenylamine	3080	ND	2900	94	20-128	
Naphthalene	3080	ND	2540	82	46-120	
Nitrobenzene	3080	ND	2640	86	49-120	
Pentachlorophenol	6160	ND	4640	75	10-136	
Phenanthrene	3080	ND	3810	124	60-122	F1
Phenol	3080	ND	2620	85	50-120	
Pyrene	3080	ND	4530	147	61-133	F1

Column to be used to flag recovery and RPD values

FORM III EPA 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: V31750150.d

Lab ID: 480-240036-7 MSD Client ID: TT-3 4-6' MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Carbazole	3100	2800	90	9	20	59-120	
Chrysene	3100	3330	107	25	15	64-120	F2
Dibenz(a,h)anthracene	3100	3150	101	5	15	54-132	
Di-n-butyl phthalate	3100	2770	89	9	15	58-130	
Di-n-octyl phthalate	3100	2930	94	6	16	57-133	
Dibenzofuran	3100	2470	80	13	15	62-120	
Diethyl phthalate	3100	2700	87	6	15	66-120	
Dimethyl phthalate	3100	2620	84	10	15	65-124	
Fluoranthene	3100	4040	130	32	15	62-120	F1 F2
Fluorene	3100	2640	85	12	15	63-120	
Hexachlorobenzene	3100	2570	83	13	15	60-120	
Hexachlorobutadiene	3100	1740	56	32	44	45-120	
Hexachlorocyclopentadiene	3100	1370	44	27	49	31-120	
Hexachloroethane	3100	1440	46	43	46	21-120	
Indeno[1,2,3-cd]pyrene	3100	3300	106	14	15	56-134	
Isophorone	3100	2140	69	25	17	56-120	F2
N-Nitrosodi-n-propylamine	3100	2010	65	31	31	46-120	
N-Nitrosodiphenylamine	3100	2520	81	14	15	20-128	
Naphthalene	3100	1850	60	31	29	46-120	F2
Nitrobenzene	3100	1910	61	32	24	49-120	F2
Pentachlorophenol	6210	4090	66	13	35	10-136	
Phenanthrene	3100	2980	96	24	15	60-122	F2
Phenol	3100	1930	62	30	35	50-120	
Pyrene	3100	3340	108	30	35	61-133	

Column to be used to flag recovery and RPD values

FORM III EPA 8270E

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Lab Sample ID: CCVIS 480-779904/2 | Calibration Date: 07/06/2026 22:00

Instrument ID: HP5973V | Calib Start Date: 06/09/2026 10:36

GC Column: RXI-5Sil MS ID: 0.25(mm) | Calib End Date: 06/09/2026 13:37

Lab File ID: V31750142.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Biphenyl	Ave	1.712	1.791	0.0100	41800	40000	5.0	20.0
2-Chloronaphthalene	Ave	1.285	1.361	0.8000	42400	40000	6.0	20.0
2-Nitroaniline	Lin2		0.4120	0.0100	41800	40000	4.0	20.0
Dimethyl phthalate	Lin2		1.384	0.0100	40000	40000	0.0	20.0
1,3-Dinitrobenzene	Lin2		0.1080	0.0100	40800	40000	2.0	20.0
2,6-Dinitrotoluene	Lin2		0.3205	0.2000	42700	40000	7.0	20.0
Acenaphthylene	Lin2		2.064	0.9000	41400	40000	4.0	20.0
3-Nitroaniline	Lin2		0.3621	0.0100	41300	40000	3.0	20.0
Acenaphthene	Ave	1.311	1.339	0.9000	40800	40000	2.0	20.0
2,4-Dinitrophenol	Lin1		0.1708	0.0100	95000	80000	19.0	20.0
4-Nitrophenol	Lin2		0.2082	0.0100	87000	80000	9.0	20.0
2,4-Dinitrotoluene	Lin2		0.4298	0.2000	43200	40000	8.0	20.0
Dibenzofuran	Ave	1.764	1.769	0.8000	40100	40000	0.0	20.0
2,3,4,6-Tetrachlorophenol	Lin2		0.3425	0.0100	42900	40000	7.0	20.0
Diethyl phthalate	Lin2		1.333	0.0100	39600	40000	-1.0	20.0
Hexadecane	Lin2		1.022	0.0100	41200	40000	3.0	20.0
Fluorene	Ave	1.431	1.456	0.9000	40700	40000	2.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6907	0.6992	0.4000	40500	40000	1.0	20.0
4-Nitroaniline	Lin2		0.3717	0.0100	41400	40000	4.0	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1540	0.0100	99600	80000	25.0*	20.0
Diphenylamine	Ave	0.7318	0.7494	0.0100	35000	34200	2.0	20.0
N-Nitrosodiphenylamine	Ave	0.6257	0.6408	0.0100	41000	40000	2.0	20.0
1,2-Diphenylhydrazine	Lin2		1.555	0.0100	39700	40000	-1.0	20.0
Azobenzene	Ave	0.9407	0.9622	0.0100	40900	40000	2.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2466	0.2549	0.1000	41300	40000	3.0	20.0
Hexachlorobenzene	Ave	0.2780	0.2861	0.1000	41200	40000	3.0	20.0
Atrazine	Lin2		0.3494	0.0100	40300	40000	1.0	20.0
Pentachlorophenol	Lin2		0.1707	0.0500	83200	80000	4.0	20.0
n-Octadecane	Lin2		0.5855	0.0100	38800	40000	-3.0	20.0
Phenanthrene	Ave	1.287	1.319	0.7000	41000	40000	2.0	20.0
Anthracene	Lin2		1.368	0.7000	42100	40000	5.0	20.0
Carbazole	Ave	1.133	1.244	0.0100	43900	40000	10.0	20.0
Di-n-butyl phthalate	Lin2		1.422	0.0100	41900	40000	5.0	20.0
Fluoranthene	Lin2		1.568	0.6000	47000	40000	18.0	20.0
Benzidine	Lin2		0.9716	0.0100	71800	80000	-10.0	50.0
Pyrene	Ave	1.492	1.397	0.6000	37500	40000	-6.0	20.0
Butyl benzyl phthalate	Lin2		0.5921	0.0100	38400	40000	-4.0	20.0
3,3'-Dichlorobenzidine	Lin2		0.6803	0.0100	86100	80000	8.0	50.0
Benzo[a]anthracene	Ave	1.470	1.499	0.8000	40800	40000	2.0	20.0
Bis(2-ethylhexyl) phthalate	Lin2		0.8759	0.0100	38900	40000	-3.0	20.0
Chrysene	Ave	1.435	1.434	0.7000	40000	40000	0.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Lab Sample ID: CCVIS 480-780008/2 | Calibration Date: 07/07/2026 10:37

Instrument ID: HP5973V | Calib Start Date: 06/09/2026 10:36

GC Column: RXI-5Sil MS ID: 0.25(mm) | Calib End Date: 06/09/2026 13:37

Lab File ID: V31750173.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Biphenyl	Ave	1.712	1.759	0.0100	41100	40000	3.0	20.0
2-Chloronaphthalene	Ave	1.285	1.339	0.8000	41700	40000	4.0	20.0
2-Nitroaniline	Lin2		0.4224	0.0100	42800	40000	7.0	20.0
Dimethyl phthalate	Lin2		1.378	0.0100	39800	40000	-1.0	20.0
1,3-Dinitrobenzene	Lin2		0.1123	0.0100	42300	40000	6.0	20.0
2,6-Dinitrotoluene	Lin2		0.3185	0.2000	42400	40000	6.0	20.0
Acenaphthylene	Lin2		2.044	0.9000	41000	40000	3.0	20.0
3-Nitroaniline	Lin2		0.3633	0.0100	41400	40000	4.0	20.0
Acenaphthene	Ave	1.311	1.323	0.9000	40400	40000	1.0	20.0
2,4-Dinitrophenol	Lin1		0.1733	0.0100	96300	80000	20.0	20.0
4-Nitrophenol	Lin2		0.1987	0.0100	83100	80000	4.0	20.0
2,4-Dinitrotoluene	Lin2		0.4294	0.2000	43200	40000	8.0	20.0
Dibenzofuran	Ave	1.764	1.781	0.8000	40400	40000	1.0	20.0
2,3,4,6-Tetrachlorophenol	Lin2		0.3367	0.0100	42200	40000	5.0	20.0
Diethyl phthalate	Lin2		1.359	0.0100	40300	40000	1.0	20.0
Hexadecane	Lin2		1.056	0.0100	42500	40000	6.0	20.0
Fluorene	Ave	1.431	1.468	0.9000	41000	40000	3.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6907	0.7012	0.4000	40600	40000	2.0	20.0
4-Nitroaniline	Lin2		0.3708	0.0100	41300	40000	3.0	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1552	0.0100	100000	80000	25.0*	20.0
Diphenylamine	Ave	0.7318	0.7532	0.0100	35200	34200	3.0	20.0
N-Nitrosodiphenylamine	Ave	0.6257	0.6440	0.0100	41200	40000	3.0	20.0
1,2-Diphenylhydrazine	Lin2		1.608	0.0100	41100	40000	3.0	20.0
Azobenzene	Ave	0.9407	0.9905	0.0100	42100	40000	5.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2466	0.2509	0.1000	40700	40000	2.0	20.0
Hexachlorobenzene	Ave	0.2780	0.2800	0.1000	40300	40000	1.0	20.0
Atrazine	Lin2		0.3646	0.0100	42000	40000	5.0	20.0
Pentachlorophenol	Lin2		0.1685	0.0500	82200	80000	3.0	20.0
n-Octadecane	Lin2		0.6304	0.0100	41700	40000	4.0	20.0
Phenanthrene	Ave	1.287	1.319	0.7000	41000	40000	2.0	20.0
Anthracene	Lin2		1.348	0.7000	41500	40000	4.0	20.0
Carbazole	Ave	1.133	1.186	0.0100	41900	40000	5.0	20.0
Di-n-butyl phthalate	Lin2		1.455	0.0100	42900	40000	7.0	20.0
Fluoranthene	Lin2		1.421	0.6000	42600	40000	7.0	20.0
Benzidine	Lin2		1.020	0.0100	75300	80000	-6.0	50.0
Pyrene	Ave	1.492	1.550	0.6000	41600	40000	4.0	20.0
Butyl benzyl phthalate	Lin2		0.6800	0.0100	44000	40000	10.0	20.0
3,3'-Dichlorobenzidine	Lin2		0.6893	0.0100	87300	80000	9.0	50.0
Benzo[a]anthracene	Ave	1.470	1.523	0.8000	41400	40000	4.0	20.0
Bis(2-ethylhexyl) phthalate	Lin2		0.996	0.0100	44200	40000	10.0	20.0
Chrysene	Ave	1.435	1.461	0.7000	40700	40000	2.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Lab Sample ID: CCVIS 480-780139/2 | Calibration Date: 07/08/2026 23:11

Instrument ID: HP5973V | Calib Start Date: 06/09/2026 10:36

GC Column: RXI-5Sil MS ID: 0.25(mm) | Calib End Date: 06/09/2026 13:37

Lab File ID: V31750262.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6968	0.7747	0.0100	44500	40000	11.0	20.0
N-Nitrosodimethylamine	Ave	1.034	1.045	0.0100	40400	40000	1.0	50.0
Pyridine	Lin2		1.236	0.0100	79100	80000	-1.0	50.0
Benzaldehyde	Ave	1.132	0.8321	0.0100	29400	40000	-27.0	50.0
Aniline	Ave	2.486	2.383	0.0100	38300	40000	-4.0	20.0
Phenol	Ave	2.135	2.099	0.8000	39300	40000	-2.0	20.0
Bis(2-chloroethyl)ether	Ave	1.599	1.573	0.7000	39300	40000	-2.0	20.0
2-Chlorophenol	Ave	1.567	1.583	0.8000	40400	40000	1.0	20.0
n-Decane	Ave	1.889	2.001	0.0100	42400	40000	6.0	20.0
1,3-Dichlorobenzene	Ave	1.692	1.711	0.0100	40500	40000	1.0	20.0
1,4-Dichlorobenzene	Ave	1.721	1.709	0.0100	39700	40000	-1.0	20.0
Benzyl alcohol	Lin2		0.9703	0.0100	38200	40000	-4.0	20.0
1,2-Dichlorobenzene	Ave	1.600	1.587	0.0100	39700	40000	-1.0	20.0
Indene	Ave	0.6781	0.7289	0.0100	258000	240000	7.0	20.0
2-Methylphenol	Ave	1.415	1.340	0.7000	37900	40000	-5.0	20.0
bis (2-chloroisopropyl) ether	Ave	2.183	2.033	0.0100	37300	40000	-7.0	20.0
Acetophenone	Ave	2.059	1.936	0.0100	37600	40000	-6.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.123	1.052	0.5000	37500	40000	-6.0	20.0
4-Methylphenol	Ave	1.466	1.383	0.6000	37700	40000	-6.0	20.0
Hexachloroethane	Ave	0.6822	0.6990	0.3000	41000	40000	2.0	20.0
Nitrobenzene	Ave	0.4101	0.4499	0.2000	43900	40000	10.0	20.0
Isophorone	Lin2		0.7980	0.4000	41700	40000	4.0	20.0
2-Nitrophenol	Lin2		0.2147	0.1000	47500	40000	19.0	20.0
2,4-Dimethylphenol	Ave	0.3864	0.4030	0.2000	41700	40000	4.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.4765	0.4850	0.2400	40700	40000	2.0	20.0
2,4-Dichlorophenol	Lin2		0.3166	0.2000	40600	40000	1.0	20.0
Benzoic acid	Lin2		0.2748	0.0100	276000	240000	15.0	50.0
1,2,4-Trichlorobenzene	Ave	0.3523	0.3671	0.0100	41700	40000	4.0	20.0
Naphthalene	Ave	1.158	1.177	0.7000	40600	40000	2.0	20.0
4-Chloroaniline	Lin2		0.5060	0.0100	41200	40000	3.0	20.0
2,6-Dichlorophenol	Lin2		0.3107	0.0100	40500	40000	1.0	20.0
Hexachlorobutadiene	Ave	0.2031	0.2099	0.0100	41300	40000	3.0	20.0
Caprolactam	Lin2		0.1310	0.0100	48000	40000	20.0	50.0
4-Chloro-3-methylphenol	Lin2		0.3382	0.2000	42200	40000	6.0	20.0
2-Methylnaphthalene	Ave	0.7092	0.7341	0.4000	41400	40000	4.0	20.0
1-Methylnaphthalene	Ave	0.6720	0.7048	0.0100	42000	40000	5.0	20.0
Hexachlorocyclopentadiene	Lin2		0.3054	0.0500	27700	40000	-31.0*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6299	0.6168	0.0100	39200	40000	-2.0	20.0
2,4,6-Trichlorophenol	Lin2		0.4010	0.2000	41500	40000	4.0	20.0
2,4,5-Trichlorophenol	Lin2		0.4390	0.2000	41700	40000	4.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Lab Sample ID: CCVIS 480-780139/2 | Calibration Date: 07/08/2026 23:11

Instrument ID: HP5973V | Calib Start Date: 06/09/2026 10:36

GC Column: RXI-5Sil MS ID: 0.25(mm) | Calib End Date: 06/09/2026 13:37

Lab File ID: V31750262.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D	
Biphenyl	Ave	1.712	1.698	0.0100	39700	40000	-1.0	20.0	
2-Chloronaphthalene	Ave	1.285	1.290	0.8000	40200	40000	0.0	20.0	
2-Nitroaniline	Lin2		0.4407	0.0100	44600	40000	12.0	20.0	
Dimethyl phthalate	Lin2		1.488	0.0100	42900	40000	7.0	20.0	
1,3-Dinitrobenzene	Lin2		0.1397	0.0100	52000	40000	30.0*	20.0	NT
2,6-Dinitrotoluene	Lin2		0.3437	0.2000	45700	40000	14.0	20.0	
Acenaphthylene	Lin2		2.071	0.9000	41600	40000	4.0	20.0	
3-Nitroaniline	Lin2		0.4187	0.0100	47600	40000	19.0	20.0	
Acenaphthene	Ave	1.311	1.337	0.9000	40800	40000	2.0	20.0	
2,4-Dinitrophenol	Lin1		0.2196	0.0100	120000	80000	50.0*	20.0	
4-Nitrophenol	Lin2		0.2432	0.0100	101000	80000	27.0*	20.0	
2,4-Dinitrotoluene	Lin2		0.5006	0.2000	50100	40000	25.0*	20.0	
Dibenzofuran	Ave	1.764	1.852	0.8000	42000	40000	5.0	20.0	
2,3,4,6-Tetrachlorophenol	Lin2		0.3871	0.0100	48400	40000	21.0*	20.0	NT
Diethyl phthalate	Lin2		1.533	0.0100	45400	40000	14.0	20.0	
Hexadecane	Lin2		0.9848	0.0100	39700	40000	-1.0	20.0	
Fluorene	Ave	1.431	1.596	0.9000	44600	40000	11.0	20.0	
4-Chlorophenyl phenyl ether	Ave	0.6907	0.7359	0.4000	42600	40000	7.0	20.0	
4-Nitroaniline	Lin2		0.4365	0.0100	48500	40000	21.0*	20.0	
4,6-Dinitro-2-methylphenol	Lin1		0.1642	0.0100	106000	80000	32.0*	20.0	
Diphenylamine	Ave	0.7318	0.7057	0.0100	33000	34200	-4.0	20.0	
N-Nitrosodiphenylamine	Ave	0.6257	0.6034	0.0100	38600	40000	-4.0	20.0	
1,2-Diphenylhydrazine	Lin2		1.726	0.0100	44000	40000	10.0	20.0	
Azobenzene	Ave	0.9407	0.9002	0.0100	38300	40000	-4.0	20.0	
4-Bromophenyl phenyl ether	Ave	0.2466	0.2398	0.1000	38900	40000	-3.0	20.0	
Hexachlorobenzene	Ave	0.2780	0.2727	0.1000	39200	40000	-2.0	20.0	
Atrazine	Lin2		0.4254	0.0100	49000	40000	22.0*	20.0	
Pentachlorophenol	Lin2		0.1839	0.0500	89500	80000	12.0	20.0	
n-Octadecane	Lin2		0.5412	0.0100	35900	40000	-10.0	20.0	
Phenanthrene	Ave	1.287	1.313	0.7000	40800	40000	2.0	20.0	
Anthracene	Lin2		1.356	0.7000	41800	40000	4.0	20.0	
Carbazole	Ave	1.133	1.241	0.0100	43800	40000	9.0	20.0	
Di-n-butyl phthalate	Lin2		1.463	0.0100	43100	40000	8.0	20.0	
Fluoranthene	Lin2		1.539	0.6000	46200	40000	15.0	20.0	
Benzidine	Lin2		1.013	0.0100	74800	80000	-6.0	50.0	
Pyrene	Ave	1.492	1.409	0.6000	37800	40000	-6.0	20.0	
Butyl benzyl phthalate	Lin2		0.6014	0.0100	39000	40000	-2.0	20.0	
3,3'-Dichlorobenzidine	Lin2		0.6929	0.0100	87700	80000	10.0	50.0	
Benzo[a]anthracene	Ave	1.470	1.554	0.8000	42300	40000	6.0	20.0	
Bis(2-ethylhexyl) phthalate	Lin2		0.8800	0.0100	39100	40000	-2.0	20.0	
Chrysene	Ave	1.435	1.454	0.7000	40500	40000	1.0	20.0	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240036-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779769/1-A

Matrix: Solid | Lab File ID: V31750145.d

Analysis Method: EPA 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 07/02/2026 06:27

Sample wt/vol: 15(g) | Date Analyzed: 07/06/2026 23:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779769 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 5540

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	5540	T J	

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 5_90168.D

Lab ID: 480-240036-5 MS Client ID: TT-2 4-6' MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,4'-DDD	39.0	ND	20.8	53	37-126	
4,4'-DDE	39.0	ND	21.9	56	34-120	
4,4'-DDT	39.0	ND	22.2	57	43-123	
beta-BHC	39.0	ND	18.0	46	36-120	
cis-Chlordane	39.0	ND	23.2	60	35-120	
alpha-BHC	39.0	ND	19.1	49	39-120	
Aldrin	39.0	ND	25.5	65	37-125	
delta-BHC	39.0	ND	14.0	36	34-120	
Dieldrin	39.0	ND	23.0	59	45-120	
Endosulfan I	39.0	ND	19.1	49	39-120	
Endosulfan II	39.0	ND	17.2	44	34-126	
Endosulfan sulfate	39.0	ND	15.7	40	27-130	
Endrin	39.0	ND	23.3	60	47-121	
Endrin aldehyde	39.0	ND	15.1	39	33-123	
Endrin ketone	39.0	1.2 J	18.4	44	43-126	
gamma-BHC (Lindane)	39.0	ND	16.9	43	50-120	F1
trans-Chlordane	39.0	ND	21.2	54	31-120	
Heptachlor	39.0	ND	24.6	63	42-120	
Heptachlor epoxide	39.0	ND	23.9	61	40-120	
Methoxychlor	39.0	ND	19.3	49	44-150	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 5_90171.D

Lab ID: 480-240036-7 MSD Client ID: TT-3 4-6' MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,4'-DDD	38.9	15.9	41	39	21	37-126	F2
4,4'-DDE	38.9	14.6	38	30	18	34-120	F2
4,4'-DDT	38.9	17.7	46	51	25	43-123	F2
beta-BHC	38.9	13.0	33	38	19	36-120	F1 F2
cis-Chlordane	38.9	18.1	47	31	23	35-120	F2
alpha-BHC	38.9	15.3	39	41	15	39-120	F2
Aldrin	38.9	20.7	53	32	12	37-125	F2
delta-BHC	38.9	10.7	28	62	14	34-120	F1 F2
Dieldrin	38.9	18.4	47	39	12	45-120	F2
Endosulfan I	38.9	13.7	35	58	18	39-120	F1 F2
Endosulfan II	38.9	12.0	31	63	26	34-126	F1 F2
Endosulfan sulfate	38.9	10.7	27	43	35	27-130	F2
Endrin	38.9	18.4	47	42	20	47-121	F2
Endrin aldehyde	38.9	10.7	27	53	47	33-123	F1 F2
Endrin ketone	38.9	13.3	34	67	37	43-126	F1 F2
gamma-BHC (Lindane)	38.9	13.7	35	45	12	50-120	F1 F2
trans-Chlordane	38.9	15.9	41	31	15	31-120	F2
Heptachlor	38.9	20.3	52	33	22	42-120	F2
Heptachlor epoxide	38.9	19.1	49	34	15	40-120	F2
Methoxychlor	38.9	15.4	39	54	24	44-150	F1 F2

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 4-5' Lab Sample ID: 480-240036-2

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/02/2026 13:02 Date Analyzed (2): 07/02/2026 13:02

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDT	1		5.62	5.61	5.67	32		48.9
	2		6.48	6.43	6.49	19		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-1 5-6' Lab Sample ID: 480-240036-3

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/02/2026 13:22 Date Analyzed (2): 07/02/2026 13:22

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDT	1		5.62	5.61	5.67	10		25.2
	2		6.48	6.43	6.49	8.0		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-3 1-3' Lab Sample ID: 480-240036-6

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/02/2026 14:01 Date Analyzed (2): 07/02/2026 14:01

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
gamma-BHC (Lindane)	1		3.13	3.10	3.16	20		82.6
	2		3.58	3.57	3.63	47		
4,4'-DDT	1		5.63	5.61	5.67	62		92.3
	2		6.46	6.43	6.49	23		
Methoxychlor	1		6.12	6.11	6.17	45		128.2
	2		7.14	7.13	7.19	210		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 1-3' Lab Sample ID: 480-240036-8

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/02/2026 14:21 Date Analyzed (2): 07/02/2026 14:21

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDD	1		5.35	5.32	5.38	39		16.1
	2		6.13	6.10	6.16	46		
Methoxychlor	1		6.13	6.11	6.17	27		107.5
	2		7.15	7.13	7.19	88		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-4 4-6' Lab Sample ID: 480-240036-9

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/02/2026 14:40 Date Analyzed (2): 07/02/2026 14:40

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Methoxychlor	1		6.11	6.11	6.17	5.4		147.9
	2		7.16	7.13	7.19	0.82		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Client Sample ID: TT-5 1-2' Lab Sample ID: 480-240036-11

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/02/2026 15:39 Date Analyzed (2): 07/02/2026 15:39

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.87	2.85	2.91	0.83		2.6
	2		3.26	3.24	3.30	0.81		
4,4'-DDD	1		5.35	5.32	5.38	1.3		19.5
	2		6.13	6.10	6.16	1.6		
Methoxychlor	1		6.12	6.11	6.17	1.6		86.5
	2		7.14	7.13	7.19	4.1		

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Lab Sample ID: ICV 480-778736/20 Calibration Date: 06/19/2026 18:59

Instrument ID: HP6890-5 Calib Start Date: 06/19/2026 17:21

GC Column: RTX-CLPI ID: 0.53(mm) Calib End Date: 06/19/2026 18:40

Lab File ID: 5_89418.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		0.0295		0.281	0.500	-44.0*	20.0
Toxaphene Peak 2	Lin1		0.0742		0.489	0.500	-2.0	20.0
Toxaphene Peak 3	Lin1		0.0385		0.499	0.500	0.0	20.0
Toxaphene Peak 4	Lin1		0.0221		0.310	0.500	-38.0*	20.0
Toxaphene Peak 5	Lin1		0.0483		0.653	0.500	31.0*	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Lab Sample ID: ICV 480-778736/20 Calibration Date: 06/19/2026 18:59

Instrument ID: HP6890-5 Calib Start Date: 06/19/2026 17:21

GC Column: RTX-CLPII ID: 0.53(mm) Calib End Date: 06/19/2026 18:40

Lab File ID: 5_89418.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		0.0197		0.414	0.500	-17.0	20.0
Toxaphene Peak 2	Lin1		0.0171		0.267	0.500	-47.0*	20.0
Toxaphene Peak 3	Lin1		0.0437		0.403	0.500	-19.0	20.0
Toxaphene Peak 4	Lin1		0.0333		0.500	0.500	0.0	20.0
Toxaphene Peak 5	Lin1		0.0373		0.646	0.500	29.0*	20.0

FORM III
PFAS MATRIX SPIKE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240036-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 26Jul10-336.d

Lab ID: 480-240036-7 MS Client ID: TT-3 4-6' MS

COMPOUND	SPIKE ADDED (ng/g)	SAMPLE CONCENTRATION (ng/g)	MS CONCENTRATION (ng/g)	MS % REC	QC LIMITS REC	#
Perfluorobutanoic acid (PFBA)	4.96	ND	3.53	71	70-140	
Perfluoropentanoic acid (PFPeA)	2.48	ND	1.88	76	60-150	
Perfluorohexanoic acid (PFHxA)	2.48	ND	1.99	80	65-140	
Perfluoroheptanoic acid (PFHpA)	2.48	ND	1.87	75	65-145	
Perfluorooctanoic acid (PFOA)	2.48	ND	1.71	69	70-150	F1
Perfluorononanoic acid (PFNA)	2.48	ND	1.81	73	70-155	
Perfluorodecanoic acid (PFDA)	2.48	ND	1.89	76	70-155	
Perfluoroundecanoic acid (PFUnA)	2.48	ND	1.84	74	70-155	
Perfluorododecanoic acid (PFDoA)	2.48	ND	1.96	79	70-150	
Perfluorotridecanoic acid (PFTrDA)	2.48	ND	1.93	78	65-150	
Perfluorotetradecanoic acid (PFTeDA)	2.48	ND	1.93	78	65-150	
Perfluorobutanesulfonic acid (PFBS)	2.20	ND	1.62	73	65-145	
Perfluoropentanesulfonic acid (PFPeS)	2.33	ND	1.69	72	55-160	
Perfluorohexanesulfonic acid (PFHxS)	2.26	ND	1.76	78	60-150	
Perfluoroheptanesulfonic acid (PFHpS)	2.37	ND	1.66	70	65-155	
Perfluorooctanesulfonic acid (PFOS)	2.31	ND	1.94	84	65-160	
Perfluorononanesulfonic acid (PFNS)	2.39	ND	2.10	88	55-140	
Perfluorodecanesulfonic acid (PFDS)	2.39	ND	1.98	83	40-155	
Perfluorododecanesulfonic acid (PFDoS)	2.41	ND	1.73	72	25-160	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.66	ND	3.76	81	60-150	
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.73	ND	3.79	80	55-200	
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.77	ND	3.80	80	70-150	
Perfluorooctanesulfonamide (PFOSA)	2.48	ND	2.07	83	70-140	

Column to be used to flag recovery and RPD values

FORM III 1633A

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: TT-2 4-6' MS Lab ID: 480-240036-5 MS

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 84.1

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	28610		16700		1250	948	75-125	4	6010D
Antimony	68.39		ND		123	56	75-125	F1	6010D
Arsenic	207.8		2.8		246	83	75-125		6010D
Barium	368.9		106		246	107	75-125		6010D
Beryllium	109.7		0.66		123	89	75-125		6010D
Cadmium	112.9		0.25		123	92	75-125		6010D
Calcium	79120		75600		6140	57	75-125	4	6010D
Chromium	134.5		20.0		123	93	75-125		6010D
Cobalt	134.7		7.5		123	103	75-125		6010D
Copper	131.6		15.3		123	95	75-125		6010D
Iron	21410		18500		1250	228	75-125	4	6010D
Lead	146.3		23.3		123	100	75-125		6010D
Magnesium	34200		29200		6140	81	75-125	4	6010D
Manganese	519.7		415		123	85	75-125		6010D
Nickel	122.2		15.4		123	87	75-125		6010D
Potassium	15320		5380		6140	162	75-125	F1	6010D
Selenium	210.4		ND		246	86	75-125		6010D
Silver	10.65		ND		12.3	87	75-125	^5+	6010D
Sodium	6017		347		6140	92	75-125		6010D
Thallium	244.9		ND		246	100	75-125		6010D
Vanadium	152.7		30.4		123	100	75-125		6010D
Zinc	184.2		79.1		123	86	75-125		6010D
Mercury	0.390		0.028		0.405	89	80-120		7471B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: TT-3 4-6' MS Lab ID: 480-240036-7 MS

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 84.3

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	28140		18200		1270	781	75-125	4	6010D
Antimony	69.32		ND		124	56	75-125	F1	6010D
Arsenic	217.9		3.0		249	86	75-125		6010D
Barium	402.6		97.4		249	123	75-125		6010D
Beryllium	113.8		0.73		125	91	75-125		6010D
Cadmium	116.2		0.25		124	93	75-125		6010D
Calcium	68600		76800		6220	-132	75-125	4	6010D
Chromium	136.1		21.2		124	92	75-125		6010D
Cobalt	144.8		7.7		124	110	75-125		6010D
Copper	139.6		15.4		124	100	75-125		6010D
Iron	27210		20300		1270	546	75-125	4	6010D
Lead	148.5		8.5		124	113	75-125		6010D
Magnesium	32520		24900		6220	122	75-125	4	6010D
Manganese	1008		386		124	499	75-125	F1	6010D
Nickel	133.6		18.1		124	93	75-125		6010D
Potassium	15230		5550		6220	156	75-125	F1	6010D
Selenium	215.6		ND		249	87	75-125		6010D
Silver	10.82		ND		12.4	87	75-125	^5+	6010D
Sodium	6236		280		6220	96	75-125		6010D
Thallium	249.7		ND		249	100	75-125		6010D
Vanadium	158.7		31.5		124	102	75-125		6010D
Zinc	193.4		70.9		124	98	75-125		6010D
Mercury	0.421		0.021	J	0.402	99	80-120		7471B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: TT-2 4-6' MSD Lab ID: 480-240036-5 MSD

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 84.1

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Aluminum	23140		1260	509	75-125	21	20	4 F2	6010D
Antimony	76.99		123	63	75-125	12	20	F1	6010D
Arsenic	214.9		246	86	75-125	3	20		6010D
Barium	384.7		246	113	75-125	4	20		6010D
Beryllium	113.0		123	91	75-125	3	20		6010D
Cadmium	115.3		123	93	75-125	2	20		6010D
Calcium	68140		6160	-121	75-125	15	20	4	6010D
Chromium	132.8		123	92	75-125	1	20		6010D
Cobalt	132.9		123	102	75-125	1	20		6010D
Copper	137.9		123	100	75-125	5	20		6010D
Iron	19880		1260	106	75-125	7	20	4	6010D
Lead	402.7		123	308	75-125	93	20	F1 F2	6010D
Magnesium	28570		6160	-11	75-125	18	20	4	6010D
Manganese	506.1		123	74	75-125	3	20	F1	6010D
Nickel	122.6		123	87	75-125	0	20		6010D
Potassium	13060		6160	125	75-125	16	20		6010D
Selenium	214.5		246	87	75-125	2	20		6010D
Silver	11.01		12.3	89	75-125	3	20	^5+	6010D
Sodium	6189		6160	95	75-125	3	20		6010D
Thallium	245.0		246	100	75-125	0	20		6010D
Vanadium	150.6		123	98	75-125	1	20		6010D
Zinc	252.2		123	141	75-125	31	20	F1 F2	6010D
Mercury	0.415		0.379	102	80-120	6	20		7471B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: TT-3 4-6' MSD Lab ID: 480-240036-7 MSD

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 84.3

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Aluminum	27880		1140	845	75-125	1	20	4	6010D
Antimony	56.09		112	50	75-125	21	20	F1 F2	6010D
Arsenic	191.3		224	84	75-125	13	20		6010D
Barium	362.3		224	118	75-125	11	20		6010D
Beryllium	99.60		112	88	75-125	13	20		6010D
Cadmium	103.0		112	92	75-125	12	20		6010D
Calcium	72250		5600	-81	75-125	5	20	4	6010D
Chromium	122.8		112	91	75-125	10	20		6010D
Cobalt	130.8		112	110	75-125	10	20		6010D
Copper	124.6		112	97	75-125	11	20		6010D
Iron	24670		1140	385	75-125	10	20	4	6010D
Lead	137.4		112	115	75-125	8	20		6010D
Magnesium	33800		5600	159	75-125	4	20	4	6010D
Manganese	944.4		112	498	75-125	7	20	F1	6010D
Nickel	118.6		112	90	75-125	12	20		6010D
Potassium	14750		5600	164	75-125	3	20	F1	6010D
Selenium	189.5		224	85	75-125	13	20		6010D
Silver	9.59		11.2	86	75-125	12	20	^5+	6010D
Sodium	5564		5600	94	75-125	11	20		6010D
Thallium	223.6		224	100	75-125	11	20		6010D
Vanadium	144.0		112	101	75-125	10	20		6010D
Zinc	179.7		112	97	75-125	7	20		6010D
Mercury	0.422		0.400	100	80-120	0	20		7471B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: TT-2 4-6' PDS Lab ID: 480-240036-5 PDS

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	17100		16700		1230	NC	75-125		6010D
Antimony	114.4		ND		121	95	75-125		6010D
Arsenic	209.7		2.8		241	86	75-125		6010D
Barium	326.7		106		241	91	75-125		6010D
Beryllium	108.7		0.66		121	89	75-125		6010D
Cadmium	112.3		0.25		121	93	75-125		6010D
Calcium	76640		75600		6030	NC	75-125		6010D
Chromium	124.8		20.0		121	87	75-125		6010D
Cobalt	128.8		7.5		121	101	75-125		6010D
Copper	129.1		15.3		121	94	75-125		6010D
Iron	18600		18500		1230	NC	75-125		6010D
Lead	152.9		23.3		121	107	75-125		6010D
Magnesium	33280		29200		6030	67	75-125	W	6010D
Manganese	496.1		415		121	67	75-125	W	6010D
Nickel	117.8		15.4		121	85	75-125		6010D
Potassium	10850		5380		6030	91	75-125		6010D
Selenium	212.8		ND		241	88	75-125		6010D
Silver	9.52		ND		12.1	79	75-125		6010D
Sodium	6006		347		6030	94	75-125		6010D
Thallium	242.2		ND		241	100	75-125		6010D
Vanadium	137.3		30.4		120	89	75-125		6010D
Zinc	192.3		79.1		121	94	75-125		6010D

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 480-779918/9

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

Sample Matrix: LCS Source: LRC_00028

Analyte	(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	600	631.0		105	90	110		6010D
Antimony	5.00	5.13		103	90	110		6010D
Arsenic	5.00	5.05		101	90	110		6010D
Barium	20.0	21.08		105	90	110		6010D
Beryllium	25.0	23.53		94	90	110		6010D
Cadmium	5.00	5.32		106	90	110		6010D
Calcium	700	661.4		94	90	110		6010D
Chromium	10.0	9.53		95	90	110		6010D
Cobalt	20.0	21.11		106	90	110		6010D
Iron	600	580.0		97	90	110		6010D
Lead	40.0	44.00		110	90	110		6010D
Magnesium	400	429.5		107	90	110		6010D
Manganese	40.0	38.46		96	90	110		6010D
Nickel	10.0	9.41		94	90	110		6010D
Potassium	500	541.7		108	90	110		6010D
Selenium	40.0	40.94		102	90	110		6010D
Silver	3.00	4.38		146	90	110	^5+	6010D
Sodium	806	821.6		102	90	110		6010D
Sodium	806	842.9		105	90	110		6010D
Thallium	20.0	21.26		106	90	110		6010D
Vanadium	5.00	4.89		98	90	110		6010D
Zinc	20.0	19.53		98	90	110		6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 480-779976/20

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

Sample Matrix: LCS Source: LRC_00028

Analyte	(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	600	628.1		105	90	110		6010D
Antimony	5.00	5.14		103	90	110		6010D
Arsenic	5.00	5.08		102	90	110		6010D
Barium	20.0	20.96		105	90	110		6010D
Beryllium	25.0	23.29		93	90	110		6010D
Cadmium	5.00	5.37		107	90	110		6010D
Calcium	700	654.2		93	90	110		6010D
Chromium	10.0	9.44		94	90	110		6010D
Cobalt	20.0	21.01		105	90	110		6010D
Iron	600	576.8		96	90	110		6010D
Lead	40.0	43.32		108	90	110		6010D
Magnesium	400	427.8		107	90	110		6010D
Manganese	40.0	38.07		95	90	110		6010D
Nickel	10.0	9.23		92	90	110		6010D
Potassium	500	542.6		109	90	110		6010D
Selenium	40.0	40.82		102	90	110		6010D
Silver	3.00	2.02		67	90	110	^5-	6010D
Sodium	806	823.6		102	90	110		6010D
Sodium	806	850.4		106	90	110		6010D
Thallium	20.0	20.95		105	90	110		6010D
Vanadium	5.00	4.84		97	90	110		6010D
Zinc	20.0	19.43		97	90	110		6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 480-240036-5

SDG No:

Lab Name: Eurofins Buffalo Job No: 480-240036-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	16700		20120		20		6010D
Antimony	ND		ND		NC		6010D
Arsenic	2.8		ND		NC		6010D
Barium	106		127.2		20		6010D
Beryllium	0.66		0.800	J	NC		6010D
Cadmium	0.25		0.459	J	NC		6010D
Calcium	75600		97270		29	V	6010D
Chromium	20.0		25.10		25	V	6010D
Cobalt	7.5		8.39		11		6010D
Copper	15.3		17.43		14		6010D
Iron	20000		24650		23	V	6010D
Lead	23.3		23.26		0.22		6010D
Magnesium	29200		34770		19		6010D
Manganese	415		520.8		26	V	6010D
Nickel	15.4		20.42	J	NC		6010D
Potassium	5380		6387		19		6010D
Selenium	ND		ND		NC		6010D
Silver	ND		ND		NC		6010D
Sodium	347		430.7	J	NC		6010D
Thallium	ND		ND		NC		6010D
Vanadium	30.4		37.31		23	V	6010D
Zinc	79.1		92.12		16		6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 779868	Date: 07/02/2026 18:13		Prep Batch: 779852		Date: 07/02/2026 14:15						
9012B	480-240036-5	Cyanide, Total	ND		mg/Kg						F1
9012B	480-240036-5 MS	Cyanide, Total	0.558	J	mg/Kg	1.36	41	85-115			F1
Batch ID: 779868	Date: 07/02/2026 18:28		Prep Batch: 779852		Date: 07/02/2026 14:15						
9012B	480-240036-7	Cyanide, Total	ND		mg/Kg						F1
9012B	480-240036-7 MS	Cyanide, Total	ND		mg/Kg	1.34	0	85-115			F1
Batch ID: 780084	Date: 07/07/2026 16:28		Prep Batch: 780075		Date: 07/07/2026 13:40						
9012B	480-240036-10	Cyanide, Total	ND		mg/Kg						F1
9012B	480-240036-10 MS	Cyanide, Total	ND		mg/Kg	1.37	0	85-115			F1

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-240036-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 779868	Date: 07/02/2026 18:13		Prep Batch: 779852			Date: 07/02/2026 14:15					
9012B	480-240036-5 MSD	Cyanide, Total	ND		mg/Kg	1.28	0	85-115	NC	15	F1
Batch ID: 779868	Date: 07/02/2026 18:29		Prep Batch: 779852			Date: 07/02/2026 14:15					
9012B	480-240036-7 MSD	Cyanide, Total	ND		mg/Kg	1.27	0	85-115	NC	15	F1

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM V-IN

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

375 Michigan Ave. RI
Buffalo, NY
Project # 48030331

SDG: **J240063-1**
19 soil samples

Prepared for:

BE3 Corp.
960 Busti Avenue
Suite 150-B
Buffalo, NY 14213
Attention: Will Goldsmith

July 2026

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

REVIEWER'S NARRATIVE
BE3 SDG J240063-1: 375 Michigan Ave. RI

The data associated with this Sample Delivery Group (SDG) J240063-1, analyzed by Eurofins Buffalo, Buffalo, NY have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K Perry Date: 7/28/2026

Michael K. Perry
Chemist

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1.0 SUMMARY

SITE:	375 Michigan Ave. RI Buffalo, NY Site #: 48030331
SAMPLING DATE:	July 01, 2026
SAMPLE TYPE:	19 soil samples
LABORATORY:	Eurofins Buffalo Buffalo, NY
SDG No.:	J240063-1

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for nineteen soil samples collected on July 01, 2026. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), Pesticides, PCBs, PFASs, Metals, and Total Cyanide (TCN).

All analyses were performed by Eurofins Buffalo, Buffalo, NY and analyzed as SDG J240063-1. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Tables 6-1 through 6-7. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG J240063-1, nineteen samples were analyzed and results were reported for 3752 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have rejected/qualified and the corresponding QC reasons.

Note 1): As noted by the laboratory, the samples were not collected by SW-846 5035A protocol. This adds an element of uncertainty to the 8260D Volatile Organic Compounds (VOCs). Although not specifically indicated on the VOC data sheets with a "J" flag, the VOC data should be considered as estimated but usable.

Table 6-1 8260 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	Chloroform	CRQL-U	Analyte detected in method blank	Data changed to non-detect
RI-BH-3 1-3’ RI-BH-4 1-3’ RI-BH-9 1-3’ RI-BH-10 1-3’ RI-BH-11 1-3’ RI-BH-1 8-10’ RI-BH-2 1-3’ RI-BH-8 1-3’ RI-BH-8 8-10’ RI-BH-12 1-3’ RI-BH-12 8-10’	Acetone	CRQL-U	Analyte detected in method blank	Data changed to non-detect
RI-BH-3 1-3’ RI-BH-8 1-3’	Toluene	CRQL-U	Analyte detected in method blank	Data changed to non-detect
RI-BH-9 1-3’	TIC: RT 11.39 unknown	CRQL-U	Analyte detected in method blank	Data changed to non-detect
RI-BH-12 8-10’	30 out of 50 analytes outside QC limits low (see Form 1’s)	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
RI-BH-3 1-3’ RI-BH-4 1-3’ RI-BH-9 1-3’ RI-BH-10 1-3’ RI-BH-3 1-3’ RI-BH-1 1-3’	Dichlorodifluoromethane	J detects UJ non-detects	ICV %D > QC limit	Data are estimated

RI-BH-1 8-10’ RI-BH-2 1-3’ RI-BH-8 1-3’ RI-BH-8 8-10’ RI-BH-12 1-3’ RI-BH-12 8-10’				
RI-BH-5 1-3’ RI-BH-5 4-6’ RI-BH-6 1-3’ RI-BH-6 4-6’ RI-BH-71-3’ RI-BH-7 4-6’	1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloropropane 2-Butanone Acetone Benzene Bromodichloromethane Bromomethane Carbon disulfide Carbon tetrachloride Chloroethane Chloromethane Cyclohexane Dichlorodifluoromethane Methylene chloride Methylcyclohexane trans-1,2-Dichloroethene Trichloroethene Trichlorofluoromethane cis-1,3-Dichloropropene Vinyl chloride	J detects UJ non-detects	CCV %D > QC limit	Data are estimated

Table 6-2 8270 SVOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	4,6-Dinitro-2-methylphenol	J detects UJ non-detects	CCV %D > QC limit	Data are estimated
RI-BH-3 1-3' RI-BH-4 1-3' RI-BH-9 1-3'	2,4-Dinitrophenol	J detects UJ non-detects	CCV %D > QC limit	Data are estimated
RI-BH-8 1-3'	Bis(2-ethylhexl)phthalate	J detects	Analyte detected in method blank	Data are estimated
All samples	TIC: RTs 2.00 and 3.49 unknowns	CRQL-U	Analyte detected in method blank	Data changed to non-detect

Table 6-3 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-BH-4 1-3'	Endosulfan II Endrin aldehyde Endrin ketone g-BHC Methoxychlor	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
All samples	Toxaphene	J detects UJ non-detects	ICV %D > QC limit	Data are estimated
RI-BH-3 1-3'	Methoxychlor	NJ	% D for second column confirmation > 70 %	Data are estimated and tentatively identified
RI-BH-3 1-3'	4,4'DDT	J	% D for second column confirmation > 25 %	Data are estimated

RI-BH-9 1-3’	4,4’-DDE 4,4’-DDT	J	% D for second column confirmation > 25 %	Data are estimated
RI-BH-12 1-3’	Methoxychlor	J	% D for second column confirmation > 25 %	Data are estimated
RI-BH-6 1-3’	Methoxychlor	J	% D for second column confirmation > 25 %	Data are estimated
RI-BH-7 4-6’	4,4’-DDT Methoxychlor	NJ	% D for second column confirmation > 70 %	Data are estimated and tentatively identified
RI-BH-7 4-6’	g-BHC Endrin ketone	J	% D for second column confirmation > 25 %	Data are estimated

Table 6-4 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-5 PFASs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	NFDHA	J detects UJ non-detects	Samples extracted outside 3 day HT	Data are estimated
RI-BH-8 1-3’	PFOS PFUnA PFDoS	J detects UJ non-detects	Surrogate rec < QC limit	Data are estimated

Table 6-6 Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	Ag	J detects UJ non-detects	Linear Range Check Standard < QC limit	Data are estimated
RI-BH-9 1-3’	Hg	J- detects UJ non-detects	MS rec < QC limit	Data are estimated
RI-BH-8 1-3’	Ba and Mn	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
RI-BH-8 1-3’	Mg and K	J detects	MS/MSD rec > QC limit	Data are estimated
RI-BH-8 1-3’	Fe	J detects	Dup RPD > QC limit	Data are estimated

Table 6-7 TCN and Cr+6

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-BH-1 8-10’	TCN	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
RI-BH-2 1-3’	TCN	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo NY 14213

Generated 07/20/2026

JOB DESCRIPTION

375 Michigan Remedial Investigation

JOB NUMBER

480-240063-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
07/20/2026

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
716 504-9874

Job Narrative
480-240063-1

Receipt
The samples were received on 7/1/2026 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 22.9º C and 24.3º C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for preparation batch 480-779978 and analytical batch 480-779982 recovered outside control limits for the following analytes: 2-Butanone (MEK), Acetone and Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are: RI-BH-5 1-3' (480-240063-14), RI-BH-5 4-6' (480-240063-15), RI-BH-6 1-3' (480-240063-16), RI-BH-6 4-6' (480-240063-17), RI-BH-7 1-3' (480-240063-18) and RI-BH-7 4-6' (480-240063-19)

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779982 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloropropane, 2-Butanone (MEK), Benzene, Carbon disulfide, Carbon tetrachloride, Chloromethane, Cyclohexane, cis-1,3-Dichloropropene, Bromodichloromethane, Dichlorodifluoromethane, Methylcyclohexane, Methylene Chloride, trans-1,2-Dichloroethene, Trichloroethene, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:RI-BH-5 1-3' (480-240063-14), RI-BH-6 4-6' (480-240063-17), RI-BH-7 1-3' (480-240063-18) and RI-BH-7 4-6' (480-240063-19).

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779982 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloropropane, 2-Butanone (MEK), Carbon disulfide, Chloromethane, Cyclohexane, cis-1,3-Dichloropropene, Bromodichloromethane, Dichlorodifluoromethane, Methylcyclohexane, Methylene Chloride, trans-1,2-Dichloroethene, Trichloroethene, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:RI-BH-5 4-6' (480-240063-15).

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779982 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloropropane, 2-Butanone (MEK), Benzene, Carbon disulfide, Chloromethane, Cyclohexane, cis-1,3-Dichloropropene, Bromodichloromethane, Dichlorodifluoromethane, Methylcyclohexane, Methylene Chloride, trans-1,2-Dichloroethene, Trichloroethene, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:RI-BH-6 1-3' (480-240063-16).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 480-779982 was outside the method criteria for the following analyte(s): Benzene and Carbon tetrachloride. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated sample is: RI-BH-5 4-6' (480-240063-15).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 480-779982 was outside the method criteria for the following analyte(s): Carbon tetrachloride. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated sample is: RI-BH-6 1-3' (480-240063-16).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 480-779900 recovered above the upper control limit for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:RI-BH-3 1-3' (480-240063-1) and RI-BH-9 1-3' (480-240063-3).

Method 8270E: The continuing calibration verification (CCV) associated with batch 480-779900 recovered above the upper control limit for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:RI-BH-4 1-3'

(480-240063-2).

Method 8270E: The following sample(s) was diluted due color, appearance, and viscosity. RI-BH-10 1-3' (480-240063-4), RI-BH-12 1-3' (480-240063-12), RI-BH-5 1-3' (480-240063-14), RI-BH-6 1-3' (480-240063-16), RI-BH-7 1-3' (480-240063-18) and RI-BH-7 4-6' (480-240063-19). Elevated reporting limits (RL) are provided.

Method 8270E: The continuing calibration verification (CCV) associated with batch 480-779904 recovered above the upper control limit for 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:RI-BH-10 1-3' (480-240063-4), RI-BH-11 1-3' (480-240063-5), RI-BH-1 1-3' (480-240063-6), RI-BH-1 8-10' (480-240063-7), RI-BH-2 1-3' (480-240063-8), RI-BH-2 8-10 (480-240063-9), RI-BH-8 1-3' (480-240063-10), RI-BH-8 8-10' (480-240063-11), RI-BH-12 1-3' (480-240063-12), RI-BH-12 8-10 (480-240063-13), RI-BH-5 1-3' (480-240063-14), RI-BH-5 4-6' (480-240063-15), RI-BH-6 1-3' (480-240063-16), RI-BH-6 4-6' (480-240063-17), RI-BH-7 1-3' (480-240063-18) and RI-BH-7 4-6' (480-240063-19).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: The following samples were diluted due to the nature of the sample matrix: RI-BH-10 1-3' (480-240063-4), RI-BH-2 1-3' (480-240063-8), RI-BH-12 1-3' (480-240063-12) and RI-BH-5 1-3' (480-240063-14). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method 8081B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-779888 and analytical batch 480-780041 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. RI-BH-4 1-3' (480-240063-2)

Method 8081B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 480-779888 and analytical batch 480-780041 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected. RI-BH-4 1-3' (480-240063-2)

Method 8081B: The following samples were diluted due to the nature of the sample matrix: RI-BH-6 1-3' (480-240063-16), RI-BH-7 1-3' (480-240063-18) and RI-BH-7 4-6' (480-240063-19). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-779976 is outside the acceptance criteria for the following analytes: Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-780000 is outside the acceptance criteria for the following analytes: Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 480-780075 and analytical batch 480-780084 were outside control limits: RI-BH-1 8-10' (480-240063-7) and (480-240036-B-10-D). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 480-780416 and analytical batch 480-780435 were outside control limits: RI-BH-2 1-3' (480-240063-8). The associated laboratory control sample (LCS) recovery met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3546: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: RI-BH-9 1-3' (480-240063-3). The reporting limits (RLs) have been adjusted proportionately.

Method 3546: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: RI-BH-3 1-3' (480-240063-1), RI-BH-9 1-3' (480-240063-3), RI-BH-10 1-3' (480-240063-4), RI-BH-11 1-3' (480-240063-5), RI-BH-1 1-3' (480-240063-6), RI-BH-2 1-3' (480-240063-8), RI-BH-12 1-3' (480-240063-12), RI-BH-5 1-3' (480-240063-14), RI-BH-6 1-3' (480-240063-16), RI-BH-7 1-3' (480-240063-18) and RI-BH-7 4-6' (480-240063-19).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240063-1
Project/Site: 375 Michigan Remedial Investigation

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-240063-1	RI-BH-3 1-3'	Solid	07/01/26 12:45	07/01/26 16:00	New York
480-240063-2	RI-BH-4 1-3'	Solid	07/01/26 12:15	07/01/26 16:00	New York
480-240063-3	RI-BH-9 1-3'	Solid	07/01/26 11:30	07/01/26 16:00	New York
480-240063-4	RI-BH-10 1-3'	Solid	07/01/26 11:00	07/01/26 16:00	New York
480-240063-5	RI-BH-11 1-3'	Solid	07/01/26 11:15	07/01/26 16:00	New York
480-240063-6	RI-BH-1 1-3'	Solid	07/01/26 13:00	07/01/26 16:00	New York
480-240063-7	RI-BH-1 8-10'	Solid	07/01/26 13:00	07/01/26 16:00	New York
480-240063-8	RI-BH-2 1-3'	Solid	07/01/26 12:40	07/01/26 16:00	New York
480-240063-9	RI-BH-2 8-10	Solid	07/01/26 12:40	07/01/26 16:00	New York
480-240063-10	RI-BH-8 1-3'	Solid	07/01/26 10:45	07/01/26 16:00	New York
480-240063-11	RI-BH-8 8-10'	Solid	07/01/26 10:45	07/01/26 16:00	New York
480-240063-12	RI-BH-12 1-3'	Solid	07/01/26 10:00	07/01/26 16:00	New York
480-240063-13	RI-BH-12 8-10	Solid	07/01/26 10:00	07/01/26 16:00	New York
480-240063-14	RI-BH-5 1-3'	Solid	07/01/26 08:45	07/01/26 16:00	New York
480-240063-15	RI-BH-5 4-6'	Solid	07/01/26 08:45	07/01/26 16:00	New York
480-240063-16	RI-BH-6 1-3'	Solid	07/01/26 09:00	07/01/26 16:00	New York
480-240063-17	RI-BH-6 4-6'	Solid	07/01/26 09:15	07/01/26 16:00	New York
480-240063-18	RI-BH-7 1-3'	Solid	07/01/26 12:00	07/01/26 16:00	New York
480-240063-19	RI-BH-7 4-6'	Solid	07/01/26 12:00	07/01/26 16:00	New York

8260D

Volatile Organic Compounds by GC/MS

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3' | Lab Sample ID: 480-240063-1

Matrix: Solid | Lab File ID: R5184.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:45

Sample wt/vol: 5.03(g) | Date Analyzed: 07/07/2026 01:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 10.6 % Solids: 89.4 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.6	0.40	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.6	0.90	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.6	1.3	
79-00-5	1,1,2-Trichloroethane	ND	vs	5.6	0.72	
75-34-3	1,1-Dichloroethane	ND	vs	5.6	0.68	
75-35-4	1,1-Dichloroethene	ND	vs	5.6	0.68	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.6	0.34	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.6	2.8	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.6	0.43	
107-06-2	1,2-Dichloroethane	ND	vs	5.6	0.28	
78-87-5	1,2-Dichloropropane	ND	vs	5.6	2.8	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.6	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.6	0.78	
78-93-3	2-Butanone (MEK)	ND	vs	28	2.0	
591-78-6	2-Hexanone	ND	vs	28	2.8	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.8	
67-64-1	Acetone	28 UJ ~~7.7 J B~~ vs		28	4.7	UJJ
71-43-2	Benzene	ND	vs	5.6	0.27	
75-25-2	Bromoform	ND	vs	5.6	2.8	
74-83-9	Bromomethane	ND	vs	5.6	0.50	
75-15-0	Carbon disulfide	ND	vs	5.6	2.8	
56-23-5	Carbon tetrachloride	ND	vs	5.6	0.54	
108-90-7	Chlorobenzene	ND	vs	5.6	0.73	
124-48-1	Dibromochloromethane	ND	vs	5.6	0.71	
75-00-3	Chloroethane	ND	vs	5.6	1.3	
67-66-3	Chloroform	5.6 UJ ~~0.84 J B~~ vs		5.6	0.34	UJ
74-87-3	Chloromethane	ND	vs	5.6	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.6	0.71	
110-82-7	Cyclohexane	ND	vs	5.6	0.78	
75-27-4	Bromodichloromethane	ND	vs	5.6	0.74	

MKP 7/28/2026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3' | Lab Sample ID: 480-240063-1

Matrix: Solid | Lab File ID: R5184.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:45

Sample wt/vol: 5.03(g) | Date Analyzed: 07/07/2026 01:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 10.6 % Solids: 89.4 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.6	0.46	UJ
100-41-4	Ethylbenzene	ND	vs	5.6	0.38	
106-93-4	1,2-Dibromoethane	ND	vs	5.6	0.71	
98-82-8	Isopropylbenzene	ND	vs	5.6	0.84	
79-20-9	Methyl acetate	ND	vs	28	3.4	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.6	0.55	
108-87-2	Methylcyclohexane	ND	vs	5.6	0.85	
75-09-2	Methylene Chloride	ND	vs	5.6	2.6	
127-18-4	Tetrachloroethene	ND	vs	5.6	0.75	
108-88-3	Toluene	0.56 J B 5.6 UJ	vs	5.6	0.42	UJ
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.6	0.57	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.6	2.4	
79-01-6	Trichloroethene	ND	vs	5.6	1.2	
75-69-4	Trichlorofluoromethane	ND	vs	5.6	0.53	
75-01-4	Vinyl chloride	ND	vs	5.6	0.68	
1330-20-7	Xylenes, Total	ND	vs	11	0.93	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.6	0.80	
100-42-5	Styrene	ND	vs	5.6	0.28	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
460-00-4	4-Bromofluorobenzene (Surr)	94		72-126
2037-26-5	Toluene-d8 (Surr)	112		71-125
1868-53-7	Dibromofluoromethane (Surr)	102		60-140

MKP 7/28/2026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3' | Lab Sample ID: 480-240063-1

Matrix: Solid | Lab File ID: R5184.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:45

Sample wt/vol: 5.03(g) | Date Analyzed: 07/07/2026 01:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 10.6 % Solids: 89.4 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 1 | TIC Result Total: 6.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	12.88	6.4	T J	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-4 1-3' | Lab Sample ID: 480-240063-2

Matrix: Solid | Lab File ID: R5185.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:15

Sample wt/vol: 5.01(g) | Date Analyzed: 07/07/2026 01:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.0 % Solids: 86.0 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.8	0.42	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.94	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	
79-00-5	1,1,2-Trichloroethane	ND	vs	5.8	0.75	
75-34-3	1,1-Dichloroethane	ND	vs	5.8	0.71	
75-35-4	1,1-Dichloroethene	ND	vs	5.8	0.71	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.8	0.45	
107-06-2	1,2-Dichloroethane	ND	vs	5.8	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.8	2.9	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.8	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.8	0.81	
78-93-3	2-Butanone (MEK)	ND	vs	29	2.1	
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	29 UJ ~~7.7 J B~~	vs	29	4.9	UJ
71-43-2	Benzene	ND	vs	5.8	0.28	
75-25-2	Bromoform	ND	vs	5.8	2.9	
74-83-9	Bromomethane	ND	vs	5.8	0.52	
75-15-0	Carbon disulfide	ND	vs	5.8	2.9	
56-23-5	Carbon tetrachloride	ND	vs	5.8	0.56	
108-90-7	Chlorobenzene	ND	vs	5.8	0.77	
124-48-1	Dibromochloromethane	ND	vs	5.8	0.74	
75-00-3	Chloroethane	ND	vs	5.8	1.3	
67-66-3	Chloroform	5.8 UJ ~~0.88 J B~~	vs	5.8	0.36	UJ
74-87-3	Chloromethane	ND	vs	5.8	0.35	
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.8	0.74	
110-82-7	Cyclohexane	ND	vs	5.8	0.81	
75-27-4	Bromodichloromethane	ND	vs	5.8	0.78	

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-4 1-3' | Lab Sample ID: 480-240063-2

Matrix: Solid | Lab File ID: R5185.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:15

Sample wt/vol: 5.01(g) | Date Analyzed: 07/07/2026 01:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.0 % Solids: 86.0 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.8	0.48	UJ
100-41-4	Ethylbenzene	ND	vs	5.8	0.40	
106-93-4	1,2-Dibromoethane	ND	vs	5.8	0.74	
98-82-8	Isopropylbenzene	ND	vs	5.8	0.87	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.8	0.57	
108-87-2	Methylcyclohexane	ND	vs	5.8	0.88	
75-09-2	Methylene Chloride	ND	vs	5.8	2.7	
127-18-4	Tetrachloroethene	ND	vs	5.8	0.78	
108-88-3	Toluene	ND	vs	5.8	0.44	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.8	0.60	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.8	2.6	
79-01-6	Trichloroethene	ND	vs	5.8	1.3	
75-69-4	Trichlorofluoromethane	ND	vs	5.8	0.55	
75-01-4	Vinyl chloride	ND	vs	5.8	0.71	
1330-20-7	Xylenes, Total	ND	vs	12	0.97	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.8	0.84	
100-42-5	Styrene	ND	vs	5.8	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		64-126
460-00-4	4-Bromofluorobenzene (Surr)	103		72-126
2037-26-5	Toluene-d8 (Surr)	102		71-125
1868-53-7	Dibromofluoromethane (Surr)	104		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-4 1-3' | Lab Sample ID: 480-240063-2

Matrix: Solid | Lab File ID: R5185.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:15

Sample wt/vol: 5.01(g) | Date Analyzed: 07/07/2026 01:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.0 % Solids: 86.0 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3' | Lab Sample ID: 480-240063-3

Matrix: Solid | Lab File ID: R5186.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 11:30

Sample wt/vol: 5.04(g) | Date Analyzed: 07/07/2026 02:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 19.7 % Solids: 80.3 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	6.2	0.45	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	6.2	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.2	1.4	
79-00-5	1,1,2-Trichloroethane	ND	vs	6.2	0.80	
75-34-3	1,1-Dichloroethane	ND	vs	6.2	0.75	
75-35-4	1,1-Dichloroethene	ND	vs	6.2	0.76	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	6.2	0.38	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	6.2	3.1	
95-50-1	1,2-Dichlorobenzene	ND	vs	6.2	0.48	
107-06-2	1,2-Dichloroethane	ND	vs	6.2	0.31	
78-87-5	1,2-Dichloropropane	ND	vs	6.2	3.1	
541-73-1	1,3-Dichlorobenzene	ND	vs	6.2	0.32	
106-46-7	1,4-Dichlorobenzene	ND	vs	6.2	0.86	
78-93-3	2-Butanone (MEK)	ND	vs	31	2.3	
591-78-6	2-Hexanone	ND	vs	31	3.1	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	
67-64-1	Acetone	31 UJ 8.5 J B vs		31	5.2	UJ
71-43-2	Benzene	ND	vs	6.2	0.30	
75-25-2	Bromoform	ND	vs	6.2	3.1	
74-83-9	Bromomethane	ND	vs	6.2	0.56	
75-15-0	Carbon disulfide	ND	vs	6.2	3.1	
56-23-5	Carbon tetrachloride	ND	vs	6.2	0.60	
108-90-7	Chlorobenzene	ND	vs	6.2	0.82	
124-48-1	Dibromochloromethane	ND	vs	6.2	0.79	
75-00-3	Chloroethane	ND	vs	6.2	1.4	
67-66-3	Chloroform	6.2 UJ 0.83 J B vs		6.2	0.38	UJ
74-87-3	Chloromethane	ND	vs	6.2	0.37	
156-59-2	cis-1,2-Dichloroethene	ND	vs	6.2	0.79	
110-82-7	Cyclohexane	ND	vs	6.2	0.86	
75-27-4	Bromodichloromethane	ND	vs	6.2	0.83	

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3' | Lab Sample ID: 480-240063-3

Matrix: Solid | Lab File ID: R5186.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 11:30

Sample wt/vol: 5.04(g) | Date Analyzed: 07/07/2026 02:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 19.7 % Solids: 80.3 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	6.2	0.51	UJ
100-41-4	Ethylbenzene	ND	vs	6.2	0.43	
106-93-4	1,2-Dibromoethane	ND	vs	6.2	0.79	
98-82-8	Isopropylbenzene	ND	vs	6.2	0.93	
79-20-9	Methyl acetate	ND	vs	31	3.7	
1634-04-4	Methyl tert-butyl ether	ND	vs	6.2	0.61	
108-87-2	Methylcyclohexane	ND	vs	6.2	0.94	
75-09-2	Methylene Chloride	ND	vs	6.2	2.8	
127-18-4	Tetrachloroethene	ND	vs	6.2	0.83	
108-88-3	Toluene	ND	vs	6.2	0.47	
156-60-5	trans-1,2-Dichloroethene	ND	vs	6.2	0.64	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	6.2	2.7	
79-01-6	Trichloroethene	ND	vs	6.2	1.4	
75-69-4	Trichlorofluoromethane	ND	vs	6.2	0.58	
75-01-4	Vinyl chloride	ND	vs	6.2	0.75	
1330-20-7	Xylenes, Total	ND	vs	12	1.0	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	6.2	0.89	
100-42-5	Styrene	ND	vs	6.2	0.31	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		64-126
460-00-4	4-Bromofluorobenzene (Surr)	99		72-126
2037-26-5	Toluene-d8 (Surr)	106		71-125
1868-53-7	Dibromofluoromethane (Surr)	98		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3' | Lab Sample ID: 480-240063-3

Matrix: Solid | Lab File ID: R5186.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 11:30

Sample wt/vol: 5.04(g) | Date Analyzed: 07/07/2026 02:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 19.7 % Solids: 80.3 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 1 | TIC Result Total: 6.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	11.39	6.6	T J	

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-10 1-3' | Lab Sample ID: 480-240063-4

Matrix: Solid | Lab File ID: R5187.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 11:00

Sample wt/vol: 5.14(g) | Date Analyzed: 07/07/2026 02:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.3 % Solids: 85.7 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.7	0.41	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	
79-00-5	1,1,2-Trichloroethane	ND	vs	5.7	0.74	
75-34-3	1,1-Dichloroethane	ND	vs	5.7	0.69	
75-35-4	1,1-Dichloroethene	ND	vs	5.7	0.69	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.7	0.34	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.7	0.44	
107-06-2	1,2-Dichloroethane	ND	vs	5.7	0.28	
78-87-5	1,2-Dichloropropane	ND	vs	5.7	2.8	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.7	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.7	0.79	
78-93-3	2-Butanone (MEK)	ND	vs	28	2.1	
591-78-6	2-Hexanone	ND	vs	28	2.8	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	
67-64-1	Acetone	28 UJ ~~6.0 J B~~	vs	28	4.8	UJ
71-43-2	Benzene	ND	vs	5.7	0.28	
75-25-2	Bromoform	ND	vs	5.7	2.8	
74-83-9	Bromomethane	ND	vs	5.7	0.51	
75-15-0	Carbon disulfide	ND	vs	5.7	2.8	
56-23-5	Carbon tetrachloride	ND	vs	5.7	0.55	
108-90-7	Chlorobenzene	ND	vs	5.7	0.75	
124-48-1	Dibromochloromethane	ND	vs	5.7	0.73	
75-00-3	Chloroethane	ND	vs	5.7	1.3	
67-66-3	Chloroform	5.7 UJ ~~0.74 J B~~	vs	5.7	0.35	UJ
74-87-3	Chloromethane	ND	vs	5.7	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.7	0.73	
110-82-7	Cyclohexane	ND	vs	5.7	0.79	
75-27-4	Bromodichloromethane	ND	vs	5.7	0.76	

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-10 1-3' | Lab Sample ID: 480-240063-4

Matrix: Solid | Lab File ID: R5187.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 11:00

Sample wt/vol: 5.14(g) | Date Analyzed: 07/07/2026 02:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.3 % Solids: 85.7 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.7	0.47	UJ
100-41-4	Ethylbenzene	ND	vs	5.7	0.39	
106-93-4	1,2-Dibromoethane	ND	vs	5.7	0.73	
98-82-8	Isopropylbenzene	ND	vs	5.7	0.86	
79-20-9	Methyl acetate	ND	vs	28	3.4	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.7	0.56	
108-87-2	Methylcyclohexane	ND	vs	5.7	0.86	
75-09-2	Methylene Chloride	ND	vs	5.7	2.6	
127-18-4	Tetrachloroethene	ND	vs	5.7	0.76	
108-88-3	Toluene	ND	vs	5.7	0.43	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.7	0.59	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.7	2.5	
79-01-6	Trichloroethene	ND	vs	5.7	1.2	
75-69-4	Trichlorofluoromethane	ND	vs	5.7	0.54	
75-01-4	Vinyl chloride	ND	vs	5.7	0.69	
1330-20-7	Xylenes, Total	ND	vs	11	0.95	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.7	0.82	
100-42-5	Styrene	ND	vs	5.7	0.28	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		64-126
460-00-4	4-Bromofluorobenzene (Surr)	102		72-126
2037-26-5	Toluene-d8 (Surr)	102		71-125
1868-53-7	Dibromofluoromethane (Surr)	101		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-10 1-3' | Lab Sample ID: 480-240063-4

Matrix: Solid | Lab File ID: R5187.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 11:00

Sample wt/vol: 5.14(g) | Date Analyzed: 07/07/2026 02:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.3 % Solids: 85.7 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 1 | TIC Result Total: 8.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	12.89	8.6	T J	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-11 1-3' | Lab Sample ID: 480-240063-5

Matrix: Solid | Lab File ID: R5188.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 11:15

Sample wt/vol: 5.02(g) | Date Analyzed: 07/07/2026 02:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 12.0 % Solids: 88.0 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.7	0.41	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	
79-00-5	1,1,2-Trichloroethane	ND	vs	5.7	0.74	
75-34-3	1,1-Dichloroethane	ND	vs	5.7	0.69	
75-35-4	1,1-Dichloroethene	ND	vs	5.7	0.69	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.7	0.34	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.7	0.44	
107-06-2	1,2-Dichloroethane	ND	vs	5.7	0.28	
78-87-5	1,2-Dichloropropane	ND	vs	5.7	2.8	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.7	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.7	0.79	
78-93-3	2-Butanone (MEK)	ND	vs	28	2.1	
591-78-6	2-Hexanone	ND	vs	28	2.8	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	
67-64-1	Acetone	28 UJ ~~7.1 J B~~	vs	28	4.8	UJ
71-43-2	Benzene	ND	vs	5.7	0.28	
75-25-2	Bromoform	ND	vs	5.7	2.8	
74-83-9	Bromomethane	ND	vs	5.7	0.51	
75-15-0	Carbon disulfide	ND	vs	5.7	2.8	
56-23-5	Carbon tetrachloride	ND	vs	5.7	0.55	
108-90-7	Chlorobenzene	ND	vs	5.7	0.75	
124-48-1	Dibromochloromethane	ND	vs	5.7	0.72	
75-00-3	Chloroethane	ND	vs	5.7	1.3	
67-66-3	Chloroform	5.7 UJ ~~0.80 J B~~	vs	5.7	0.35	UJ
74-87-3	Chloromethane	ND	vs	5.7	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.7	0.72	
110-82-7	Cyclohexane	ND	vs	5.7	0.79	
75-27-4	Bromodichloromethane	ND	vs	5.7	0.76	

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-11 1-3' | Lab Sample ID: 480-240063-5

Matrix: Solid | Lab File ID: R5188.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 11:15

Sample wt/vol: 5.02(g) | Date Analyzed: 07/07/2026 02:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 12.0 % Solids: 88.0 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.7	0.47	UJ
100-41-4	Ethylbenzene	ND	vs	5.7	0.39	
106-93-4	1,2-Dibromoethane	ND	vs	5.7	0.73	
98-82-8	Isopropylbenzene	ND	vs	5.7	0.85	
79-20-9	Methyl acetate	ND	vs	28	3.4	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.7	0.56	
108-87-2	Methylcyclohexane	ND	vs	5.7	0.86	
75-09-2	Methylene Chloride	ND	vs	5.7	2.6	
127-18-4	Tetrachloroethene	ND	vs	5.7	0.76	
108-88-3	Toluene	ND	vs	5.7	0.43	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.7	0.58	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.7	2.5	
79-01-6	Trichloroethene	ND	vs	5.7	1.2	
75-69-4	Trichlorofluoromethane	ND	vs	5.7	0.54	
75-01-4	Vinyl chloride	ND	vs	5.7	0.69	
1330-20-7	Xylenes, Total	ND	vs	11	0.95	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.7	0.82	
100-42-5	Styrene	ND	vs	5.7	0.28	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		64-126
460-00-4	4-Bromofluorobenzene (Surr)	99		72-126
2037-26-5	Toluene-d8 (Surr)	107		71-125
1868-53-7	Dibromofluoromethane (Surr)	98		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-11 1-3' | Lab Sample ID: 480-240063-5

Matrix: Solid | Lab File ID: R5188.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 11:15

Sample wt/vol: 5.02(g) | Date Analyzed: 07/07/2026 02:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 12.0 % Solids: 88.0 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 1-3' | Lab Sample ID: 480-240063-6

Matrix: Solid | Lab File ID: R5189.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 13:00

Sample wt/vol: 5.12(g) | Date Analyzed: 07/07/2026 03:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 29.5 % Solids: 70.5 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	6.9	0.50	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	6.9	1.1	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.9	1.6	
79-00-5	1,1,2-Trichloroethane	ND	vs	6.9	0.90	
75-34-3	1,1-Dichloroethane	ND	vs	6.9	0.85	
75-35-4	1,1-Dichloroethene	ND	vs	6.9	0.85	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	6.9	0.42	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	6.9	3.5	
95-50-1	1,2-Dichlorobenzene	ND	vs	6.9	0.54	
107-06-2	1,2-Dichloroethane	ND	vs	6.9	0.35	
78-87-5	1,2-Dichloropropane	ND	vs	6.9	3.5	
541-73-1	1,3-Dichlorobenzene	ND	vs	6.9	0.36	
106-46-7	1,4-Dichlorobenzene	ND	vs	6.9	0.97	
78-93-3	2-Butanone (MEK)	ND	vs	35	2.5	
591-78-6	2-Hexanone	ND	vs	35	3.5	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	35	2.3	
67-64-1	Acetone	ND	vs	35	5.8	
71-43-2	Benzene	ND	vs	6.9	0.34	
75-25-2	Bromoform	ND	vs	6.9	3.5	
74-83-9	Bromomethane	ND	vs	6.9	0.62	
75-15-0	Carbon disulfide	ND	vs	6.9	3.5	
56-23-5	Carbon tetrachloride	ND	vs	6.9	0.67	
108-90-7	Chlorobenzene	ND	vs	6.9	0.91	
124-48-1	Dibromochloromethane	ND	vs	6.9	0.89	
75-00-3	Chloroethane	ND	vs	6.9	1.6	
67-66-3	Chloroform	6.9 UJ ~~0.90 J B~~	vs	6.9	0.43	UJ
74-87-3	Chloromethane	ND	vs	6.9	0.42	
156-59-2	cis-1,2-Dichloroethene	ND	vs	6.9	0.89	
110-82-7	Cyclohexane	ND	vs	6.9	0.97	
75-27-4	Bromodichloromethane	ND	vs	6.9	0.93	
75-71-8	Dichlorodifluoromethane	ND	vs	6.9	0.57	

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 1-3' | Lab Sample ID: 480-240063-6

Matrix: Solid | Lab File ID: R5189.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 13:00

Sample wt/vol: 5.12(g) | Date Analyzed: 07/07/2026 03:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 29.5 % Solids: 70.5 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	6.9	0.48	UJ
106-93-4	1,2-Dibromoethane	ND	vs	6.9	0.89	
98-82-8	Isopropylbenzene	ND	vs	6.9	1.0	
79-20-9	Methyl acetate	ND	vs	35	4.2	
1634-04-4	Methyl tert-butyl ether	ND	vs	6.9	0.68	
108-87-2	Methylcyclohexane	ND	vs	6.9	1.1	
75-09-2	Methylene Chloride	ND	vs	6.9	3.2	
127-18-4	Tetrachloroethene	ND	vs	6.9	0.93	
108-88-3	Toluene	ND	vs	6.9	0.52	
156-60-5	trans-1,2-Dichloroethene	ND	vs	6.9	0.71	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	6.9	3.0	
79-01-6	Trichloroethene	ND	vs	6.9	1.5	
75-69-4	Trichlorofluoromethane	ND	vs	6.9	0.66	
75-01-4	Vinyl chloride	ND	vs	6.9	0.85	
1330-20-7	Xylenes, Total	ND	vs	14	1.2	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	6.9	1.0	
100-42-5	Styrene	ND	vs	6.9	0.35	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		64-126
460-00-4	4-Bromofluorobenzene (Surr)	101		72-126
2037-26-5	Toluene-d8 (Surr)	104		71-125
1868-53-7	Dibromofluoromethane (Surr)	98		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 1-3' | Lab Sample ID: 480-240063-6

Matrix: Solid | Lab File ID: R5189.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 13:00

Sample wt/vol: 5.12(g) | Date Analyzed: 07/07/2026 03:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 29.5 % Solids: 70.5 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 8-10' | Lab Sample ID: 480-240063-7

Matrix: Solid | Lab File ID: R5190.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 13:00

Sample wt/vol: 5.17(g) | Date Analyzed: 07/07/2026 03:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.5 % Solids: 85.5 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.7	0.41	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	
79-00-5	1,1,2-Trichloroethane	ND	vs	5.7	0.74	
75-34-3	1,1-Dichloroethane	ND	vs	5.7	0.69	
75-35-4	1,1-Dichloroethene	ND	vs	5.7	0.69	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.7	0.34	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.7	0.44	
107-06-2	1,2-Dichloroethane	ND	vs	5.7	0.28	
78-87-5	1,2-Dichloropropane	ND	vs	5.7	2.8	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.7	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.7	0.79	
78-93-3	2-Butanone (MEK)	ND	vs	28	2.1	
591-78-6	2-Hexanone	ND	vs	28	2.8	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	
67-64-1	Acetone	28 UJ ~~7.2 J B~~	vs	28	4.8	UJ
71-43-2	Benzene	ND	vs	5.7	0.28	
75-25-2	Bromoform	ND	vs	5.7	2.8	
74-83-9	Bromomethane	ND	vs	5.7	0.51	
75-15-0	Carbon disulfide	ND	vs	5.7	2.8	
56-23-5	Carbon tetrachloride	ND	vs	5.7	0.55	
108-90-7	Chlorobenzene	ND	vs	5.7	0.75	
124-48-1	Dibromochloromethane	ND	vs	5.7	0.72	
75-00-3	Chloroethane	ND	vs	5.7	1.3	
67-66-3	Chloroform	5.7 UJ ~~0.80 J B~~	vs	5.7	0.35	UJ
74-87-3	Chloromethane	ND	vs	5.7	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.7	0.72	
110-82-7	Cyclohexane	ND	vs	5.7	0.79	
75-27-4	Bromodichloromethane	ND	vs	5.7	0.76	

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 8-10' | Lab Sample ID: 480-240063-7

Matrix: Solid | Lab File ID: R5190.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 13:00

Sample wt/vol: 5.17(g) | Date Analyzed: 07/07/2026 03:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.5 % Solids: 85.5 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.7	0.47	UJ
100-41-4	Ethylbenzene	ND	vs	5.7	0.39	
106-93-4	1,2-Dibromoethane	ND	vs	5.7	0.73	
98-82-8	Isopropylbenzene	ND	vs	5.7	0.85	
79-20-9	Methyl acetate	ND	vs	28	3.4	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.7	0.56	
108-87-2	Methylcyclohexane	ND	vs	5.7	0.86	
75-09-2	Methylene Chloride	ND	vs	5.7	2.6	
127-18-4	Tetrachloroethene	ND	vs	5.7	0.76	
108-88-3	Toluene	ND	vs	5.7	0.43	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.7	0.58	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.7	2.5	
79-01-6	Trichloroethene	ND	vs	5.7	1.2	
75-69-4	Trichlorofluoromethane	ND	vs	5.7	0.54	
75-01-4	Vinyl chloride	ND	vs	5.7	0.69	
1330-20-7	Xylenes, Total	ND	vs	11	0.95	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.7	0.81	
100-42-5	Styrene	ND	vs	5.7	0.28	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		64-126
460-00-4	4-Bromofluorobenzene (Surr)	102		72-126
2037-26-5	Toluene-d8 (Surr)	103		71-125
1868-53-7	Dibromofluoromethane (Surr)	101		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 8-10' | Lab Sample ID: 480-240063-7

Matrix: Solid | Lab File ID: R5190.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 13:00

Sample wt/vol: 5.17(g) | Date Analyzed: 07/07/2026 03:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.5 % Solids: 85.5 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 1-3' | Lab Sample ID: 480-240063-8

Matrix: Solid | Lab File ID: R5191.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:40

Sample wt/vol: 5.09(g) | Date Analyzed: 07/07/2026 03:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.8 % Solids: 83.2 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.9	0.43	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.96	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	
79-00-5	1,1,2-Trichloroethane	ND	vs	5.9	0.77	
75-34-3	1,1-Dichloroethane	ND	vs	5.9	0.72	
75-35-4	1,1-Dichloroethene	ND	vs	5.9	0.72	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.9	3.0	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.9	0.46	
107-06-2	1,2-Dichloroethane	ND	vs	5.9	0.30	
78-87-5	1,2-Dichloropropane	ND	vs	5.9	3.0	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.9	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.9	0.83	
78-93-3	2-Butanone (MEK)	ND	vs	30	2.2	
591-78-6	2-Hexanone	ND	vs	30	3.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	30	1.9	
67-64-1	Acetone	30 UJ ~~6.3 J B~~	vs	30	5.0	UJ
71-43-2	Benzene	ND	vs	5.9	0.29	
75-25-2	Bromoform	ND	vs	5.9	3.0	
74-83-9	Bromomethane	ND	vs	5.9	0.53	
75-15-0	Carbon disulfide	ND	vs	5.9	3.0	
56-23-5	Carbon tetrachloride	ND	vs	5.9	0.57	
108-90-7	Chlorobenzene	ND	vs	5.9	0.78	
124-48-1	Dibromochloromethane	ND	vs	5.9	0.76	
75-00-3	Chloroethane	ND	vs	5.9	1.3	
67-66-3	Chloroform	5.9 UJ ~~0.79 J B~~	vs	5.9	0.36	UJ
74-87-3	Chloromethane	ND	vs	5.9	0.36	
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.9	0.76	
110-82-7	Cyclohexane	ND	vs	5.9	0.83	
75-27-4	Bromodichloromethane	ND	vs	5.9	0.79	

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 1-3' | Lab Sample ID: 480-240063-8

Matrix: Solid | Lab File ID: R5191.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:40

Sample wt/vol: 5.09(g) | Date Analyzed: 07/07/2026 03:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.8 % Solids: 83.2 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.9	0.49	UJ
100-41-4	Ethylbenzene	ND	vs	5.9	0.41	
106-93-4	1,2-Dibromoethane	ND	vs	5.9	0.76	
98-82-8	Isopropylbenzene	ND	vs	5.9	0.89	
79-20-9	Methyl acetate	ND	vs	30	3.6	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.9	0.58	
108-87-2	Methylcyclohexane	ND	vs	5.9	0.90	
75-09-2	Methylene Chloride	ND	vs	5.9	2.7	
127-18-4	Tetrachloroethene	ND	vs	5.9	0.79	
108-88-3	Toluene	ND	vs	5.9	0.45	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.9	0.61	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.9	2.6	
79-01-6	Trichloroethene	ND	vs	5.9	1.3	
75-69-4	Trichlorofluoromethane	ND	vs	5.9	0.56	
75-01-4	Vinyl chloride	ND	vs	5.9	0.72	
1330-20-7	Xylenes, Total	ND	vs	12	0.99	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.9	0.85	
100-42-5	Styrene	ND	vs	5.9	0.30	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		64-126
460-00-4	4-Bromofluorobenzene (Surr)	102		72-126
2037-26-5	Toluene-d8 (Surr)	103		71-125
1868-53-7	Dibromofluoromethane (Surr)	97		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 1-3' | Lab Sample ID: 480-240063-8

Matrix: Solid | Lab File ID: R5191.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:40

Sample wt/vol: 5.09(g) | Date Analyzed: 07/07/2026 03:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.8 % Solids: 83.2 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 8-10 | Lab Sample ID: 480-240063-9

Matrix: Solid | Lab File ID: R5192.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:40

Sample wt/vol: 5.14(g) | Date Analyzed: 07/07/2026 04:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.9 % Solids: 85.1 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.7	0.41	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.93	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	
79-00-5	1,1,2-Trichloroethane	ND	vs	5.7	0.74	
75-34-3	1,1-Dichloroethane	ND	vs	5.7	0.70	
75-35-4	1,1-Dichloroethene	ND	vs	5.7	0.70	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.7	0.45	
107-06-2	1,2-Dichloroethane	ND	vs	5.7	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.7	2.9	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.7	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.7	0.80	
78-93-3	2-Butanone (MEK)	ND	vs	29	2.1	
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	29 UJ ~~7.0 J B~~	vs	29	4.8	UJ
71-43-2	Benzene	ND	vs	5.7	0.28	
75-25-2	Bromoform	ND	vs	5.7	2.9	
74-83-9	Bromomethane	ND	vs	5.7	0.51	
75-15-0	Carbon disulfide	ND	vs	5.7	2.9	
56-23-5	Carbon tetrachloride	ND	vs	5.7	0.55	
108-90-7	Chlorobenzene	ND	vs	5.7	0.75	
124-48-1	Dibromochloromethane	ND	vs	5.7	0.73	
75-00-3	Chloroethane	ND	vs	5.7	1.3	
67-66-3	Chloroform	5.7 UJ ~~0.72 J B~~	vs	5.7	0.35	UJ
74-87-3	Chloromethane	ND	vs	5.7	0.35	
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.7	0.73	
110-82-7	Cyclohexane	ND	vs	5.7	0.80	
75-27-4	Bromodichloromethane	ND	vs	5.7	0.77	

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 8-10 | Lab Sample ID: 480-240063-9

Matrix: Solid | Lab File ID: R5192.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:40

Sample wt/vol: 5.14(g) | Date Analyzed: 07/07/2026 04:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.9 % Solids: 85.1 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.7	0.47	UJ
100-41-4	Ethylbenzene	ND	vs	5.7	0.39	
106-93-4	1,2-Dibromoethane	ND	vs	5.7	0.73	
98-82-8	Isopropylbenzene	ND	vs	5.7	0.86	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.7	0.56	
108-87-2	Methylcyclohexane	ND	vs	5.7	0.87	
75-09-2	Methylene Chloride	ND	vs	5.7	2.6	
127-18-4	Tetrachloroethene	ND	vs	5.7	0.77	
108-88-3	Toluene	ND	vs	5.7	0.43	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.7	0.59	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.7	2.5	
79-01-6	Trichloroethene	ND	vs	5.7	1.3	
75-69-4	Trichlorofluoromethane	ND	vs	5.7	0.54	
75-01-4	Vinyl chloride	ND	vs	5.7	0.70	
1330-20-7	Xylenes, Total	ND	vs	11	0.96	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.7	0.82	
100-42-5	Styrene	ND	vs	5.7	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		64-126
460-00-4	4-Bromofluorobenzene (Surr)	102		72-126
2037-26-5	Toluene-d8 (Surr)	103		71-125
1868-53-7	Dibromofluoromethane (Surr)	99		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 8-10 | Lab Sample ID: 480-240063-9

Matrix: Solid | Lab File ID: R5192.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:40

Sample wt/vol: 5.14(g) | Date Analyzed: 07/07/2026 04:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.9 % Solids: 85.1 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 1-3' | Lab Sample ID: 480-240063-10

Matrix: Solid | Lab File ID: R5193.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 10:45

Sample wt/vol: 5.14(g) | Date Analyzed: 07/07/2026 04:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 6.3 % Solids: 93.7 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.2	0.38	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.2	0.84	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.2	1.2	
79-00-5	1,1,2-Trichloroethane	ND	vs	5.2	0.67	
75-34-3	1,1-Dichloroethane	ND	vs	5.2	0.63	
75-35-4	1,1-Dichloroethene	ND	vs	5.2	0.64	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.2	0.32	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.2	2.6	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.2	0.41	
107-06-2	1,2-Dichloroethane	ND	vs	5.2	0.26	
78-87-5	1,2-Dichloropropane	ND	vs	5.2	2.6	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.2	0.27	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.2	0.73	
78-93-3	2-Butanone (MEK)	ND	vs	26	1.9	
591-78-6	2-Hexanone	ND	vs	26	2.6	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	26	1.7	
67-64-1	Acetone	26 UJ ~~8.8 J B~~	vs	26	4.4	UJ
71-43-2	Benzene	ND	vs	5.2	0.25	
75-25-2	Bromoform	ND	vs	5.2	2.6	
74-83-9	Bromomethane	ND	vs	5.2	0.47	
75-15-0	Carbon disulfide	ND	vs	5.2	2.6	
56-23-5	Carbon tetrachloride	ND	vs	5.2	0.50	
108-90-7	Chlorobenzene	ND	vs	5.2	0.69	
124-48-1	Dibromochloromethane	ND	vs	5.2	0.66	
75-00-3	Chloroethane	ND	vs	5.2	1.2	
67-66-3	Chloroform	5.2 UJ ~~0.74 J B~~	vs	5.2	0.32	UJ
74-87-3	Chloromethane	ND	vs	5.2	0.31	
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.2	0.66	
110-82-7	Cyclohexane	ND	vs	5.2	0.73	
75-27-4	Bromodichloromethane	ND	vs	5.2	0.70	

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 1-3' | Lab Sample ID: 480-240063-10

Matrix: Solid | Lab File ID: R5193.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 10:45

Sample wt/vol: 5.14(g) | Date Analyzed: 07/07/2026 04:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 6.3 % Solids: 93.7 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	ND	vs	5.2	0.43
100-41-4	Ethylbenzene	ND	vs	5.2	0.36
106-93-4	1,2-Dibromoethane	ND	vs	5.2	0.67
98-82-8	Isopropylbenzene	ND	vs	5.2	0.78
79-20-9	Methyl acetate	ND	vs	26	3.1
1634-04-4	Methyl tert-butyl ether	ND	vs	5.2	0.51
108-87-2	Methylcyclohexane	ND	vs	5.2	0.79
75-09-2	Methylene Chloride	ND	vs	5.2	2.4
127-18-4	Tetrachloroethene	ND	vs	5.2	0.70
108-88-3	Toluene	5.2 UJ ~~0.42 J B~~	vs	5.2	0.39
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.2	0.54
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.2	2.3
79-01-6	Trichloroethene	ND	vs	5.2	1.1
75-69-4	Trichlorofluoromethane	ND	vs	5.2	0.49
75-01-4	Vinyl chloride	ND	vs	5.2	0.63
1330-20-7	Xylenes, Total	ND	vs	10	0.87
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.2	0.75
100-42-5	Styrene	ND	vs	5.2	0.26

UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		64-126
460-00-4	4-Bromofluorobenzene (Surr)	101		72-126
2037-26-5	Toluene-d8 (Surr)	102		71-125
1868-53-7	Dibromofluoromethane (Surr)	96		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 1-3' | Lab Sample ID: 480-240063-10

Matrix: Solid | Lab File ID: R5193.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 10:45

Sample wt/vol: 5.14(g) | Date Analyzed: 07/07/2026 04:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 6.3 % Solids: 93.7 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 8-10' | Lab Sample ID: 480-240063-11

Matrix: Solid | Lab File ID: R5194.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 10:45

Sample wt/vol: 5.01(g) | Date Analyzed: 07/07/2026 05:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.8 % Solids: 85.2 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.9	0.43	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.95	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	
79-00-5	1,1,2-Trichloroethane	ND	vs	5.9	0.76	
75-34-3	1,1-Dichloroethane	ND	vs	5.9	0.71	
75-35-4	1,1-Dichloroethene	ND	vs	5.9	0.72	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.9	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.9	0.46	
107-06-2	1,2-Dichloroethane	ND	vs	5.9	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.9	2.9	
541-73-1	1,3-Dichlorobenzene	ND	vs	5.9	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.9	0.82	
78-93-3	2-Butanone (MEK)	ND	vs	29	2.1	
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	~~8.4 J B~~ 29 UJ vs		29	4.9	UJ
71-43-2	Benzene	ND	vs	5.9	0.29	
75-25-2	Bromoform	ND	vs	5.9	2.9	
74-83-9	Bromomethane	ND	vs	5.9	0.53	
75-15-0	Carbon disulfide	ND	vs	5.9	2.9	
56-23-5	Carbon tetrachloride	ND	vs	5.9	0.57	
108-90-7	Chlorobenzene	ND	vs	5.9	0.77	
124-48-1	Dibromochloromethane	ND	vs	5.9	0.75	
75-00-3	Chloroethane	ND	vs	5.9	1.3	
67-66-3	Chloroform	~~0.83 J B~~ 5.9 UJ vs		5.9	0.36	UJ
74-87-3	Chloromethane	ND	vs	5.9	0.35	
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.9	0.75	
110-82-7	Cyclohexane	ND	vs	5.9	0.82	
75-27-4	Bromodichloromethane	ND	vs	5.9	0.78	

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 8-10' | Lab Sample ID: 480-240063-11

Matrix: Solid | Lab File ID: R5194.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 10:45

Sample wt/vol: 5.01(g) | Date Analyzed: 07/07/2026 05:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.8 % Solids: 85.2 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.9	0.48	UJ
100-41-4	Ethylbenzene	ND	vs	5.9	0.40	
106-93-4	1,2-Dibromoethane	ND	vs	5.9	0.75	
98-82-8	Isopropylbenzene	ND	vs	5.9	0.88	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.9	0.58	
108-87-2	Methylcyclohexane	ND	vs	5.9	0.89	
75-09-2	Methylene Chloride	ND	vs	5.9	2.7	
127-18-4	Tetrachloroethene	ND	vs	5.9	0.79	
108-88-3	Toluene	ND	vs	5.9	0.44	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.9	0.60	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.9	2.6	
79-01-6	Trichloroethene	ND	vs	5.9	1.3	
75-69-4	Trichlorofluoromethane	ND	vs	5.9	0.55	
75-01-4	Vinyl chloride	ND	vs	5.9	0.71	
1330-20-7	Xylenes, Total	ND	vs	12	0.98	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.9	0.84	
100-42-5	Styrene	ND	vs	5.9	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
460-00-4	4-Bromofluorobenzene (Surr)	99		72-126
2037-26-5	Toluene-d8 (Surr)	104		71-125
1868-53-7	Dibromofluoromethane (Surr)	100		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 8-10' | Lab Sample ID: 480-240063-11

Matrix: Solid | Lab File ID: R5194.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 10:45

Sample wt/vol: 5.01(g) | Date Analyzed: 07/07/2026 05:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.8 % Solids: 85.2 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3' | Lab Sample ID: 480-240063-12

Matrix: Solid | Lab File ID: R5195.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 10:00

Sample wt/vol: 5.1(g) | Date Analyzed: 07/07/2026 05:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 18.3 % Solids: 81.7 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	6.0	0.44	
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	6.0	0.97	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.0	1.4	
79-00-5	1,1,2-Trichloroethane	ND	vs	6.0	0.78	
75-34-3	1,1-Dichloroethane	ND	vs	6.0	0.73	
75-35-4	1,1-Dichloroethene	ND	vs	6.0	0.73	
120-82-1	1,2,4-Trichlorobenzene	ND	vs	6.0	0.36	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	6.0	3.0	
95-50-1	1,2-Dichlorobenzene	ND	vs	6.0	0.47	
107-06-2	1,2-Dichloroethane	ND	vs	6.0	0.30	
78-87-5	1,2-Dichloropropane	ND	vs	6.0	3.0	
541-73-1	1,3-Dichlorobenzene	ND	vs	6.0	0.31	
106-46-7	1,4-Dichlorobenzene	ND	vs	6.0	0.84	
78-93-3	2-Butanone (MEK)	ND	vs	30	2.2	
591-78-6	2-Hexanone	ND	vs	30	3.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	30	2.0	
67-64-1	Acetone	30 UJ ~~7.0 J~~	~~J~~ vs B	30	5.1	UJ
71-43-2	Benzene	ND	vs	6.0	0.29	
75-25-2	Bromoform	ND	vs	6.0	3.0	
74-83-9	Bromomethane	ND	vs	6.0	0.54	
75-15-0	Carbon disulfide	ND	vs	6.0	3.0	
56-23-5	Carbon tetrachloride	ND	vs	6.0	0.58	
108-90-7	Chlorobenzene	ND	vs	6.0	0.79	
124-48-1	Dibromochloromethane	ND	vs	6.0	0.77	
75-00-3	Chloroethane	ND	vs	6.0	1.4	
67-66-3	Chloroform	6.0 UJ ~~0.86 J~~	~~J~~ vs B	6.0	0.37	UJ
74-87-3	Chloromethane	ND	vs	6.0	0.36	
156-59-2	cis-1,2-Dichloroethene	ND	vs	6.0	0.77	
110-82-7	Cyclohexane	ND	vs	6.0	0.84	
75-27-4	Bromodichloromethane	ND	vs	6.0	0.80	

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3' | Lab Sample ID: 480-240063-12

Matrix: Solid | Lab File ID: R5195.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 10:00

Sample wt/vol: 5.1(g) | Date Analyzed: 07/07/2026 05:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 18.3 % Solids: 81.7 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	6.0	0.50	UJ
100-41-4	Ethylbenzene	ND	vs	6.0	0.41	
106-93-4	1,2-Dibromoethane	ND	vs	6.0	0.77	
98-82-8	Isopropylbenzene	ND	vs	6.0	0.91	
79-20-9	Methyl acetate	ND	vs	30	3.6	
1634-04-4	Methyl tert-butyl ether	ND	vs	6.0	0.59	
108-87-2	Methylcyclohexane	ND	vs	6.0	0.91	
75-09-2	Methylene Chloride	ND	vs	6.0	2.8	
127-18-4	Tetrachloroethene	ND	vs	6.0	0.81	
108-88-3	Toluene	ND	vs	6.0	0.45	
156-60-5	trans-1,2-Dichloroethene	ND	vs	6.0	0.62	
10061-02-6	trans-1,3-Dichloropropene	ND	vs	6.0	2.6	
79-01-6	Trichloroethene	ND	vs	6.0	1.3	
75-69-4	Trichlorofluoromethane	ND	vs	6.0	0.57	
75-01-4	Vinyl chloride	ND	vs	6.0	0.73	
1330-20-7	Xylenes, Total	ND	vs	12	1.0	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	6.0	0.86	
100-42-5	Styrene	ND	vs	6.0	0.30	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
460-00-4	4-Bromofluorobenzene (Surr)	100		72-126
2037-26-5	Toluene-d8 (Surr)	107		71-125
1868-53-7	Dibromofluoromethane (Surr)	101		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3' | Lab Sample ID: 480-240063-12

Matrix: Solid | Lab File ID: R5195.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 10:00

Sample wt/vol: 5.1(g) | Date Analyzed: 07/07/2026 05:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 18.3 % Solids: 81.7 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 8-10 | Lab Sample ID: 480-240063-13

Matrix: Solid | Lab File ID: R5196.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 10:00

Sample wt/vol: 5.04(g) | Date Analyzed: 07/07/2026 05:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.4 % Solids: 85.6 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.8	0.42	
79-34-5	1,1,2,2-Tetrachloroethane	ND	F1 vs	5.8	0.94	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	
79-00-5	1,1,2-Trichloroethane	ND	F1 vs	5.8	0.75	UJ
75-34-3	1,1-Dichloroethane	ND	vs	5.8	0.71	
75-35-4	1,1-Dichloroethene	ND	vs	5.8	0.71	
120-82-1	1,2,4-Trichlorobenzene	ND	F1 vs	5.8	0.35	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	F1 vs	5.8	2.9	
95-50-1	1,2-Dichlorobenzene	ND	F1 vs	5.8	0.45	
107-06-2	1,2-Dichloroethane	ND	F1 vs	5.8	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.8	2.9	
541-73-1	1,3-Dichlorobenzene	ND	F1 vs	5.8	0.30	
106-46-7	1,4-Dichlorobenzene	ND	F1 vs	5.8	0.81	
78-93-3	2-Butanone (MEK)	ND	F1 vs	29	2.1	
591-78-6	2-Hexanone	ND	F1 vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	F1 vs	29	1.9	
67-64-1	Acetone	29 UJ ~~16 J B~~	F1 vs	29	4.9	
71-43-2	Benzene	ND	F1 vs	5.8	0.28	
75-25-2	Bromoform	ND	F1 vs	5.8	2.9	
74-83-9	Bromomethane	ND	vs	5.8	0.52	
75-15-0	Carbon disulfide	ND	vs	5.8	2.9	
56-23-5	Carbon tetrachloride	ND	vs	5.8	0.56	
108-90-7	Chlorobenzene	ND	F1 vs	5.8	0.77	UJ
124-48-1	Dibromochloromethane	ND	F1 vs	5.8	0.74	
75-00-3	Chloroethane	ND	vs	5.8	1.3	
67-66-3	Chloroform	5.8 UJ ~~0.68 J B~~	F1 vs	5.8	0.36	
74-87-3	Chloromethane	ND	vs	5.8	0.35	
156-59-2	cis-1,2-Dichloroethene	ND	F1 vs	5.8	0.74	
110-82-7	Cyclohexane	ND	F1 vs	5.8	0.81	
75-27-4	Bromodichloromethane	ND	F1 vs	5.8	0.78	

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 8-10 | Lab Sample ID: 480-240063-13

Matrix: Solid | Lab File ID: R5196.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 10:00

Sample wt/vol: 5.04(g) | Date Analyzed: 07/07/2026 05:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.4 % Solids: 85.6 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.8	0.48	UJ
100-41-4	Ethylbenzene	ND	F1 vs	5.8	0.40	UJ
106-93-4	1,2-Dibromoethane	ND	F1 vs	5.8	0.74	UJ
98-82-8	Isopropylbenzene	ND	vs	5.8	0.87	
79-20-9	Methyl acetate	ND	F1 vs	29	3.5	UJ
1634-04-4	Methyl tert-butyl ether	ND	vs	5.8	0.57	
108-87-2	Methylcyclohexane	ND	F1 vs	5.8	0.88	UJ
75-09-2	Methylene Chloride	ND	vs	5.8	2.7	
127-18-4	Tetrachloroethene	ND	F1 vs	5.8	0.78	UJ
108-88-3	Toluene	ND	F1 vs	5.8	0.44	UJ
156-60-5	trans-1,2-Dichloroethene	ND	F1 vs	5.8	0.60	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	F1 vs	5.8	2.6	UJ
79-01-6	Trichloroethene	ND	F1 vs	5.8	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.8	0.55	
75-01-4	Vinyl chloride	ND	vs	5.8	0.71	
1330-20-7	Xylenes, Total	ND	F1 vs	12	0.97	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	F1 vs	5.8	0.83	UJ
100-42-5	Styrene	ND	F1 vs	5.8	0.29	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		64-126
460-00-4	4-Bromofluorobenzene (Surr)	102		72-126
2037-26-5	Toluene-d8 (Surr)	108		71-125
1868-53-7	Dibromofluoromethane (Surr)	99		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 8-10 | Lab Sample ID: 480-240063-13

Matrix: Solid | Lab File ID: R5196.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 10:00

Sample wt/vol: 5.04(g) | Date Analyzed: 07/07/2026 05:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 14.4 % Solids: 85.6 | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 1-3' | Lab Sample ID: 480-240063-14

Matrix: Solid | Lab File ID: M02455.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 08:45

Sample wt/vol: 5.06(g) | Date Analyzed: 07/06/2026 22:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 10.4 % Solids: 89.6 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.5	0.40	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.5	0.89	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.5	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.5	0.72	
75-34-3	1,1-Dichloroethane	ND	vs	5.5	0.67	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.5	0.67	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.5	0.34	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.5	2.8	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.5	0.43	
107-06-2	1,2-Dichloroethane	ND	vs	5.5	0.28	
78-87-5	1,2-Dichloropropane	ND	vs	5.5	2.8	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.5	0.28	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.5	0.77	
78-93-3	2-Butanone (MEK)	ND	*+ vs	28	2.0	UJ
591-78-6	2-Hexanone	ND	vs	28	2.8	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.8	
67-64-1	Acetone	ND	*+ vs	28	4.6	UJ
71-43-2	Benzene	ND	vs	5.5	0.27	UJ
75-25-2	Bromoform	ND	vs	5.5	2.8	
74-83-9	Bromomethane	ND	vs	5.5	0.50	UJ
75-15-0	Carbon disulfide	ND	vs	5.5	2.8	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.5	0.53	UJ
108-90-7	Chlorobenzene	ND	vs	5.5	0.73	
124-48-1	Dibromochloromethane	ND	vs	5.5	0.71	
75-00-3	Chloroethane	ND	vs	5.5	1.2	UJ
67-66-3	Chloroform	5.5 UJ ~~J B~~	vs	5.5	0.34	UJ
74-87-3	Chloromethane	ND	*+ vs	5.5	0.33	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.5	0.71	
110-82-7	Cyclohexane	ND	vs	5.5	0.77	UJ
75-27-4	Bromodichloromethane	ND	vs	5.5	0.74	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.5	0.46	UJ

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 1-3' | Lab Sample ID: 480-240063-14

Matrix: Solid | Lab File ID: M02455.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 08:45

Sample wt/vol: 5.06(g) | Date Analyzed: 07/06/2026 22:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 10.4 % Solids: 89.6 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.5	0.38	
106-93-4	1,2-Dibromoethane	ND	vs	5.5	0.71	
98-82-8	Isopropylbenzene	ND	vs	5.5	0.83	
79-20-9	Methyl acetate	ND	vs	28	3.3	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.5	0.54	
108-87-2	Methylcyclohexane	ND	vs	5.5	0.84	UJ
75-09-2	Methylene Chloride	ND	vs	5.5	2.5	UJ
127-18-4	Tetrachloroethene	ND	vs	5.5	0.74	
108-88-3	Toluene	ND	vs	5.5	0.42	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.5	0.57	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.5	2.4	
79-01-6	Trichloroethene	ND	vs	5.5	1.2	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.5	0.52	UJ
75-01-4	Vinyl chloride	ND	vs	5.5	0.67	UJ
1330-20-7	Xylenes, Total	ND	vs	11	0.93	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.5	0.79	UJ
100-42-5	Styrene	ND	vs	5.5	0.28	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
2037-26-5	Toluene-d8 (Surr)	85		71-125
1868-53-7	Dibromofluoromethane (Surr)	109		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 1-3' | Lab Sample ID: 480-240063-14

Matrix: Solid | Lab File ID: M02455.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 08:45

Sample wt/vol: 5.06(g) | Date Analyzed: 07/06/2026 22:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 10.4 % Solids: 89.6 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 4-6' | Lab Sample ID: 480-240063-15

Matrix: Solid | Lab File ID: M02456.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 08:45

Sample wt/vol: 5.06(g) | Date Analyzed: 07/06/2026 23:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.7 % Solids: 86.3 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.7	0.42	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.93	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.7	0.74	
75-34-3	1,1-Dichloroethane	ND	vs	5.7	0.70	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.7	0.70	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.7	0.45	
107-06-2	1,2-Dichloroethane	ND	vs	5.7	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.7	2.9	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.7	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.7	0.80	
78-93-3	2-Butanone (MEK)	ND	*+ vs	29	2.1	UJ
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	ND	*+ vs	29	4.8	UJ
71-43-2	Benzene	47	vs	5.7	0.28	UJ
75-25-2	Bromoform	ND	vs	5.7	2.9	
74-83-9	Bromomethane	ND	vs	5.7	0.52	UJ
75-15-0	Carbon disulfide	ND	vs	5.7	2.9	UJ
56-23-5	Carbon tetrachloride	150	vs	5.7	0.55	UJ
108-90-7	Chlorobenzene	ND	vs	5.7	0.76	
124-48-1	Dibromochloromethane	ND	vs	5.7	0.73	
75-00-3	Chloroethane	ND	vs	5.7	1.3	UJ
67-66-3	Chloroform	110	B vs	5.7	0.35	
74-87-3	Chloromethane	ND	*+ vs	5.7	0.35	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.7	0.73	
110-82-7	Cyclohexane	ND	vs	5.7	0.80	UJ
75-27-4	Bromodichloromethane	ND	vs	5.7	0.77	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.7	0.47	UJ
100-41-4	Ethylbenzene	ND	vs	5.7	0.39	

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 4-6' | Lab Sample ID: 480-240063-15

Matrix: Solid | Lab File ID: M02456.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 08:45

Sample wt/vol: 5.06(g) | Date Analyzed: 07/06/2026 23:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.7 % Solids: 86.3 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
106-93-4	1,2-Dibromoethane	ND	vs	5.7	0.73	
98-82-8	Isopropylbenzene	ND	vs	5.7	0.86	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.7	0.56	
108-87-2	Methylcyclohexane	ND	vs	5.7	0.87	UJ
75-09-2	Methylene Chloride	ND	vs	5.7	2.6	UJ
127-18-4	Tetrachloroethene	ND	vs	5.7	0.77	
108-88-3	Toluene	ND	vs	5.7	0.43	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.7	0.59	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.7	2.5	
79-01-6	Trichloroethene	ND	vs	5.7	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.7	0.54	UJ
75-01-4	Vinyl chloride	ND	vs	5.7	0.70	UJ
1330-20-7	Xylenes, Total	ND	vs	11	0.96	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.7	0.82	UJ
100-42-5	Styrene	ND	vs	5.7	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		64-126
460-00-4	4-Bromofluorobenzene (Surr)	107		72-126
2037-26-5	Toluene-d8 (Surr)	86		71-125
1868-53-7	Dibromofluoromethane (Surr)	109		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 4-6' | Lab Sample ID: 480-240063-15

Matrix: Solid | Lab File ID: M02456.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 08:45

Sample wt/vol: 5.06(g) | Date Analyzed: 07/06/2026 23:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.7 % Solids: 86.3 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3' | Lab Sample ID: 480-240063-16

Matrix: Solid | Lab File ID: M02457.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 09:00

Sample wt/vol: 5.2(g) | Date Analyzed: 07/06/2026 23:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.1 % Solids: 83.9 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.7	0.42	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.93	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.7	0.74	
75-34-3	1,1-Dichloroethane	ND	vs	5.7	0.70	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.7	0.70	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.7	0.45	
107-06-2	1,2-Dichloroethane	ND	vs	5.7	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.7	2.9	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.7	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.7	0.80	
78-93-3	2-Butanone (MEK)	ND	*+ vs	29	2.1	UJ
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	8.2	J *+ vs	29	4.8	J
71-43-2	Benzene	ND	vs	5.7	0.28	UJ
75-25-2	Bromoform	ND	vs	5.7	2.9	UJ
74-83-9	Bromomethane	ND	vs	5.7	0.52	
75-15-0	Carbon disulfide	ND	vs	5.7	2.9	UJ
56-23-5	Carbon tetrachloride	6.5	vs	5.7	0.55	UJ
108-90-7	Chlorobenzene	ND	vs	5.7	0.76	
124-48-1	Dibromochloromethane	ND	vs	5.7	0.73	
75-00-3	Chloroethane	ND	vs	5.7	1.3	UJ
67-66-3	Chloroform	5.7 UJ ~~3.4~~	~~J B~~ vs	5.7	0.35	UJ
74-87-3	Chloromethane	ND	*+ vs	5.7	0.35	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.7	0.73	
110-82-7	Cyclohexane	ND	vs	5.7	0.80	UJ
75-27-4	Bromodichloromethane	ND	vs	5.7	0.77	UJ

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3' | Lab Sample ID: 480-240063-16

Matrix: Solid | Lab File ID: M02457.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 09:00

Sample wt/vol: 5.2(g) | Date Analyzed: 07/06/2026 23:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.1 % Solids: 83.9 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	vs	5.7	0.47	UJ
100-41-4	Ethylbenzene	ND	vs	5.7	0.40	
106-93-4	1,2-Dibromoethane	ND	vs	5.7	0.74	
98-82-8	Isopropylbenzene	ND	vs	5.7	0.86	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.7	0.56	
108-87-2	Methylcyclohexane	ND	vs	5.7	0.87	UJ
75-09-2	Methylene Chloride	ND	vs	5.7	2.6	UJ
127-18-4	Tetrachloroethene	ND	vs	5.7	0.77	
108-88-3	Toluene	0.50	J vs	5.7	0.43	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.7	0.59	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.7	2.5	
79-01-6	Trichloroethene	ND	vs	5.7	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.7	0.54	UJ
75-01-4	Vinyl chloride	ND	vs	5.7	0.70	UJ
1330-20-7	Xylenes, Total	ND	vs	11	0.96	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.7	0.82	UJ
100-42-5	Styrene	ND	vs	5.7	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		64-126
460-00-4	4-Bromofluorobenzene (Surr)	106		72-126
2037-26-5	Toluene-d8 (Surr)	87		71-125
1868-53-7	Dibromofluoromethane (Surr)	109		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3' | Lab Sample ID: 480-240063-16

Matrix: Solid | Lab File ID: M02457.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 09:00

Sample wt/vol: 5.2(g) | Date Analyzed: 07/06/2026 23:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.1 % Solids: 83.9 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 4-6' | Lab Sample ID: 480-240063-17

Matrix: Solid | Lab File ID: M02458.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 09:15

Sample wt/vol: 5.14(g) | Date Analyzed: 07/06/2026 23:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.5 % Solids: 86.5 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.6	0.41	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.6	0.91	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.6	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.6	0.73	
75-34-3	1,1-Dichloroethane	ND	vs	5.6	0.69	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.6	0.69	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.6	0.34	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.6	2.8	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.6	0.44	
107-06-2	1,2-Dichloroethane	ND	vs	5.6	0.28	
78-87-5	1,2-Dichloropropane	ND	vs	5.6	2.8	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.6	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.6	0.79	
78-93-3	2-Butanone (MEK)	ND	*+ vs	28	2.1	UJ
591-78-6	2-Hexanone	ND	vs	28	2.8	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.8	
67-64-1	Acetone	ND	*+ vs	28	4.7	UJ
71-43-2	Benzene	ND	vs	5.6	0.28	UJ
75-25-2	Bromoform	ND	vs	5.6	2.8	
74-83-9	Bromomethane	ND	vs	5.6	0.51	UJ
75-15-0	Carbon disulfide	ND	vs	5.6	2.8	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.6	0.54	UJ
108-90-7	Chlorobenzene	ND	vs	5.6	0.74	
124-48-1	Dibromochloromethane	ND	vs	5.6	0.72	
75-00-3	Chloroethane	ND	vs	5.6	1.3	UJ
67-66-3	Chloroform	5.6 UJ ~~1.2~~	~~J B~~ vs	5.6	0.35	UJ
74-87-3	Chloromethane	ND	*+ vs	5.6	0.34	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.6	0.72	
110-82-7	Cyclohexane	ND	vs	5.6	0.79	UJ
75-27-4	Bromodichloromethane	ND	vs	5.6	0.75	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.6	0.46	UJ

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Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 4-6' | Lab Sample ID: 480-240063-17

Matrix: Solid | Lab File ID: M02458.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 09:15

Sample wt/vol: 5.14(g) | Date Analyzed: 07/06/2026 23:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.5 % Solids: 86.5 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.6	0.39	
106-93-4	1,2-Dibromoethane	ND	vs	5.6	0.72	
98-82-8	Isopropylbenzene	ND	vs	5.6	0.85	
79-20-9	Methyl acetate	ND	vs	28	3.4	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.6	0.55	
108-87-2	Methylcyclohexane	ND	vs	5.6	0.85	UJ
75-09-2	Methylene Chloride	ND	vs	5.6	2.6	UJ
127-18-4	Tetrachloroethene	ND	vs	5.6	0.75	
108-88-3	Toluene	ND	vs	5.6	0.43	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.6	0.58	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.6	2.5	
79-01-6	Trichloroethene	ND	vs	5.6	1.2	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.6	0.53	UJ
75-01-4	Vinyl chloride	ND	vs	5.6	0.69	UJ
1330-20-7	Xylenes, Total	ND	vs	11	0.94	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.6	0.81	UJ
100-42-5	Styrene	ND	vs	5.6	0.28	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		64-126
460-00-4	4-Bromofluorobenzene (Surr)	106		72-126
2037-26-5	Toluene-d8 (Surr)	86		71-125
1868-53-7	Dibromofluoromethane (Surr)	106		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 4-6' | Lab Sample ID: 480-240063-17

Matrix: Solid | Lab File ID: M02458.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 09:15

Sample wt/vol: 5.14(g) | Date Analyzed: 07/06/2026 23:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.5 % Solids: 86.5 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 1-3' | Lab Sample ID: 480-240063-18

Matrix: Solid | Lab File ID: M02459.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:00

Sample wt/vol: 5.14(g) | Date Analyzed: 07/07/2026 00:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.7 % Solids: 83.3 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.8	0.42	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.95	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.8	0.76	
75-34-3	1,1-Dichloroethane	ND	vs	5.8	0.71	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.8	0.71	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.8	0.36	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.8	0.46	
107-06-2	1,2-Dichloroethane	ND	vs	5.8	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.8	2.9	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.8	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.8	0.82	
78-93-3	2-Butanone (MEK)	ND	*+ vs	29	2.1	UJ
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	ND	*+ vs	29	4.9	UJ
71-43-2	Benzene	ND	vs	5.8	0.29	UJ
75-25-2	Bromoform	ND	vs	5.8	2.9	
74-83-9	Bromomethane	ND	vs	5.8	0.53	UJ
75-15-0	Carbon disulfide	ND	vs	5.8	2.9	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.8	0.57	UJ
108-90-7	Chlorobenzene	ND	vs	5.8	0.77	
124-48-1	Dibromochloromethane	ND	vs	5.8	0.75	
75-00-3	Chloroethane	ND	vs	5.8	1.3	
67-66-3	Chloroform	5.8 UJ ~~1.2~~	~~J B~~ vs	5.8	0.36	UJ
74-87-3	Chloromethane	ND	*+ vs	5.8	0.35	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.8	0.75	
110-82-7	Cyclohexane	ND	vs	5.8	0.82	UJ
75-27-4	Bromodichloromethane	ND	vs	5.8	0.78	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.8	0.48	UJ

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Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 1-3' | Lab Sample ID: 480-240063-18

Matrix: Solid | Lab File ID: M02459.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:00

Sample wt/vol: 5.14(g) | Date Analyzed: 07/07/2026 00:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.7 % Solids: 83.3 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.8	0.40	
106-93-4	1,2-Dibromoethane	ND	vs	5.8	0.75	
98-82-8	Isopropylbenzene	ND	vs	5.8	0.88	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.8	0.57	
108-87-2	Methylcyclohexane	ND	vs	5.8	0.89	UJ
75-09-2	Methylene Chloride	ND	vs	5.8	2.7	UJ
127-18-4	Tetrachloroethene	ND	vs	5.8	0.78	
108-88-3	Toluene	ND	vs	5.8	0.44	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.8	0.60	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.8	2.6	
79-01-6	Trichloroethene	ND	vs	5.8	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.8	0.55	UJ
75-01-4	Vinyl chloride	ND	vs	5.8	0.71	UJ
1330-20-7	Xylenes, Total	ND	vs	12	0.98	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.8	0.84	UJ
100-42-5	Styrene	ND	vs	5.8	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
460-00-4	4-Bromofluorobenzene (Surr)	107		72-126
2037-26-5	Toluene-d8 (Surr)	87		71-125
1868-53-7	Dibromofluoromethane (Surr)	105		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 1-3' | Lab Sample ID: 480-240063-18

Matrix: Solid | Lab File ID: M02459.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:00

Sample wt/vol: 5.14(g) | Date Analyzed: 07/07/2026 00:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 16.7 % Solids: 83.3 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6' | Lab Sample ID: 480-240063-19

Matrix: Solid | Lab File ID: M02460.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:00

Sample wt/vol: 5.08(g) | Date Analyzed: 07/07/2026 00:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.6 % Solids: 84.4 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.8	0.42	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.95	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.8	0.76	
75-34-3	1,1-Dichloroethane	ND	vs	5.8	0.71	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.8	0.71	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.8	0.46	
107-06-2	1,2-Dichloroethane	ND	vs	5.8	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.8	2.9	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.8	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.8	0.82	
78-93-3	2-Butanone (MEK)	ND	*+ vs	29	2.1	UJ
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	ND	*+ vs	29	4.9	UJ
71-43-2	Benzene	ND	vs	5.8	0.29	UJ
75-25-2	Bromoform	ND	vs	5.8	2.9	
74-83-9	Bromomethane	ND	vs	5.8	0.52	UJ
75-15-0	Carbon disulfide	ND	vs	5.8	2.9	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.8	0.56	UJ
108-90-7	Chlorobenzene	ND	vs	5.8	0.77	
124-48-1	Dibromochloromethane	ND	vs	5.8	0.75	
75-00-3	Chloroethane	ND	vs	5.8	1.3	UJ
67-66-3	Chloroform	5.8 UJ ~~1.3 J B~~	vs	5.8	0.36	UJ
74-87-3	Chloromethane	ND	*+ vs	5.8	0.35	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.8	0.75	
110-82-7	Cyclohexane	ND	vs	5.8	0.82	UJ
75-27-4	Bromodichloromethane	ND	vs	5.8	0.78	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.8	0.48	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6' | Lab Sample ID: 480-240063-19

Matrix: Solid | Lab File ID: M02460.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:00

Sample wt/vol: 5.08(g) | Date Analyzed: 07/07/2026 00:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.6 % Solids: 84.4 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.8	0.40	
106-93-4	1,2-Dibromoethane	ND	vs	5.8	0.75	
98-82-8	Isopropylbenzene	ND	vs	5.8	0.88	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.8	0.57	
108-87-2	Methylcyclohexane	ND	vs	5.8	0.89	UJ
75-09-2	Methylene Chloride	ND	vs	5.8	2.7	UJ
127-18-4	Tetrachloroethene	ND	vs	5.8	0.78	
108-88-3	Toluene	ND	vs	5.8	0.44	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.8	0.60	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.8	2.6	
79-01-6	Trichloroethene	ND	vs	5.8	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.8	0.55	UJ
75-01-4	Vinyl chloride	ND	vs	5.8	0.71	UJ
1330-20-7	Xylenes, Total	ND	vs	12	0.98	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.8	0.84	UJ
100-42-5	Styrene	ND	vs	5.8	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		64-126
460-00-4	4-Bromofluorobenzene (Surr)	107		72-126
2037-26-5	Toluene-d8 (Surr)	87		71-125
1868-53-7	Dibromofluoromethane (Surr)	110		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6' | Lab Sample ID: 480-240063-19

Matrix: Solid | Lab File ID: M02460.D

Analysis Method: EPA 8260D | Date Collected: 07/01/2026 12:00

Sample wt/vol: 5.08(g) | Date Analyzed: 07/07/2026 00:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.6 % Solids: 84.4 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

8270E

Semivolatile Organic Compounds (GC/MS)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3' | Lab Sample ID: 480-240063-1

Matrix: Solid | Lab File ID: V31750137.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.14(g) | Date Analyzed: 07/06/2026 19:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 10.6 % Solids: 89.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		190	35	
108-60-1	bis (2-chloroisopropyl) ether	ND		190	38	
95-95-4	2,4,5-Trichlorophenol	ND		190	38	
88-06-2	2,4,6-Trichlorophenol	ND		190	28	
120-83-2	2,4-Dichlorophenol	ND		190	37	
105-67-9	2,4-Dimethylphenol	ND		190	39	
51-28-5	2,4-Dinitrophenol	ND		1800	36	UJ
121-14-2	2,4-Dinitrotoluene	ND		190	25	
606-20-2	2,6-Dinitrotoluene	ND		190	27	
91-58-7	2-Chloronaphthalene	ND		190	35	
123-91-1	1,4-Dioxane	ND		110	41	
95-57-8	2-Chlorophenol	ND		190	29	
95-48-7	2-Methylphenol	ND		190	30	
91-57-6	2-Methylnaphthalene	ND		190	29	
88-74-4	2-Nitroaniline	ND		370	32	
88-75-5	2-Nitrophenol	ND		190	21	
91-94-1	3,3'-Dichlorobenzidine	ND		370	55	
99-09-2	3-Nitroaniline	ND		370	26	
534-52-1	4,6-Dinitro-2-methylphenol	ND		370	41	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		190	32	
59-50-7	4-Chloro-3-methylphenol	ND		190	38	
106-47-8	4-Chloroaniline	ND		190	27	
7005-72-3	4-Chlorophenyl phenyl ether	ND		190	39	
106-44-5	4-Methylphenol	ND		370	34	
100-01-6	4-Nitroaniline	ND		370	27	
100-02-7	4-Nitrophenol	ND		370	51	
83-32-9	Acenaphthene	54	J	190	35	
208-96-8	Acenaphthylene	ND		190	36	
98-86-2	Acetophenone	ND		190	33	
120-12-7	Anthracene	140	J	190	35	
1912-24-9	Atrazine	ND		190	63	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3' | Lab Sample ID: 480-240063-1

Matrix: Solid | Lab File ID: V31750137.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.14(g) | Date Analyzed: 07/06/2026 19:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 10.6 % Solids: 89.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		190	140
56-55-3	Benzo[a]anthracene	360		190	26
50-32-8	Benzo[a]pyrene	300		190	32
205-99-2	Benzo[b]fluoranthene	390		190	25
191-24-2	Benzo[g,h,i]perylene	200		190	33
207-08-9	Benzo[k]fluoranthene	170	J	190	42
111-91-1	Bis(2-chloroethoxy)methane	ND		190	36
111-44-4	Bis(2-chloroethyl)ether	ND		190	35
117-81-7	Bis(2-ethylhexyl) phthalate	ND		190	41
85-68-7	Butyl benzyl phthalate	ND		190	35
105-60-2	Caprolactam	ND		190	43
86-74-8	Carbazole	71	J	190	37
218-01-9	Chrysene	370		190	45
53-70-3	Dibenz(a,h)anthracene	59	J	190	38
84-74-2	Di-n-butyl phthalate	ND		190	42
117-84-0	Di-n-octyl phthalate	ND		190	36
132-64-9	Dibenzofuran	ND		190	33
84-66-2	Diethyl phthalate	ND		190	34
131-11-3	Dimethyl phthalate	ND		190	36
206-44-0	Fluoranthene	800		190	34
86-73-7	Fluorene	54	J	190	34
118-74-1	Hexachlorobenzene	ND		190	36
87-68-3	Hexachlorobutadiene	ND		190	28
77-47-4	Hexachlorocyclopentadiene	ND		370	82
67-72-1	Hexachloroethane	ND		190	34
193-39-5	Indeno[1,2,3-cd]pyrene	180	J	190	28
78-59-1	Isophorone	ND		190	38
621-64-7	N-Nitrosodi-n-propylamine	ND		190	42
86-30-6	N-Nitrosodiphenylamine	ND		190	31
91-20-3	Naphthalene	ND		190	31
98-95-3	Nitrobenzene	ND		190	31

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3' | Lab Sample ID: 480-240063-1

Matrix: Solid | Lab File ID: V31750137.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.14(g) | Date Analyzed: 07/06/2026 19:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 10.6 % Solids: 89.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		370	60
85-01-8	Phenanthrene	590		190	35
108-95-2	Phenol	ND		190	34
129-00-0	Pyrene	620		190	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	82		22-120
4165-62-2	Phenol-d5 (Surr)	84		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	88		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	83		10-140
321-60-8	2-Fluorobiphenyl (Surr)	81		29-120
367-12-4	2-Fluorophenol (Surr)	80		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3' | Lab Sample ID: 480-240063-1

Matrix: Solid | Lab File ID: V31750137.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.14(g) | Date Analyzed: 07/06/2026 19:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 10.6 % Solids: 89.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 15 | TIC Result Total: 15280

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~2.00~~	~~6900~~	~~T J~~	
	Unknown	2.74	150	T J	
	~~Unknown~~	~~3.49~~	~~5500~~	~~T J~~	
629-92-5	Nonadecane	11.33	200	T J N	96%
832-69-9	Phenanthrene, 1-methyl-	11.46	260	T J N	92%
613-12-7	Anthracene, 2-methyl-	11.49	430	T J N	96%
203-64-5	4H-Cyclopenta[def]phenanthrene	11.56	190	T J N	90%
112-95-8	Eicosane	11.71	210	T J N	98%
	Unknown	11.75	180	T J	
	Unknown	12.79	200	T J	
2490-48-4	1-Hexadecanol, 2-methyl-	13.26	170	T J N	93%
297-03-0	Cyclotetracosane	13.80	250	T J N	97%
198-55-0	Perylene	14.44	250	T J N	96%
	Unknown	14.95	200	T J	
83-47-6	.gamma.-Sitosterol	15.80	190	T J N	98%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-4 1-3' | Lab Sample ID: 480-240063-2

Matrix: Solid | Lab File ID: V31750138.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.19(g) | Date Analyzed: 07/06/2026 20:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.0 % Solids: 86.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	36	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	40	
95-95-4	2,4,5-Trichlorophenol	ND		200	39	
88-06-2	2,4,6-Trichlorophenol	ND		200	29	
120-83-2	2,4-Dichlorophenol	ND		200	38	
105-67-9	2,4-Dimethylphenol	ND		200	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	UJ
121-14-2	2,4-Dinitrotoluene	ND		200	26	
606-20-2	2,6-Dinitrotoluene	ND		200	28	
91-58-7	2-Chloronaphthalene	ND		200	36	
123-91-1	1,4-Dioxane	ND		110	43	
95-57-8	2-Chlorophenol	ND		200	30	
95-48-7	2-Methylphenol	ND		200	31	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		200	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	57	
99-09-2	3-Nitroaniline	ND		380	27	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	33	
59-50-7	4-Chloro-3-methylphenol	ND		200	40	
106-47-8	4-Chloroaniline	ND		200	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	41	
106-44-5	4-Methylphenol	ND		380	35	
100-01-6	4-Nitroaniline	ND		380	28	
100-02-7	4-Nitrophenol	ND		380	53	
83-32-9	Acenaphthene	ND		200	36	
208-96-8	Acenaphthylene	ND		200	37	
98-86-2	Acetophenone	ND		200	34	
120-12-7	Anthracene	ND		200	36	
1912-24-9	Atrazine	ND		200	66	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-4 1-3' | Lab Sample ID: 480-240063-2

Matrix: Solid | Lab File ID: V31750138.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.19(g) | Date Analyzed: 07/06/2026 20:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.0 % Solids: 86.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	ND		200	27
50-32-8	Benzo[a]pyrene	ND		200	33
205-99-2	Benzo[b]fluoranthene	ND		200	26
191-24-2	Benzo[g,h,i]perylene	ND		200	34
207-08-9	Benzo[k]fluoranthene	ND		200	43
111-91-1	Bis(2-chloroethoxy)methane	ND		200	37
111-44-4	Bis(2-chloroethyl)ether	ND		200	37
117-81-7	Bis(2-ethylhexyl) phthalate	ND		200	42
85-68-7	Butyl benzyl phthalate	ND		200	36
105-60-2	Caprolactam	ND		200	45
86-74-8	Carbazole	ND		200	38
218-01-9	Chrysene	ND		200	47
53-70-3	Dibenz(a,h)anthracene	ND		200	39
84-74-2	Di-n-butyl phthalate	ND		200	43
117-84-0	Di-n-octyl phthalate	ND		200	37
132-64-9	Dibenzofuran	ND		200	34
84-66-2	Diethyl phthalate	ND		200	35
131-11-3	Dimethyl phthalate	ND		200	37
206-44-0	Fluoranthene	ND		200	35
86-73-7	Fluorene	ND		200	36
118-74-1	Hexachlorobenzene	ND		200	37
87-68-3	Hexachlorobutadiene	ND		200	29
77-47-4	Hexachlorocyclopentadiene	ND		380	85
67-72-1	Hexachloroethane	ND		200	35
193-39-5	Indeno[1,2,3-cd]pyrene	ND		200	29
78-59-1	Isophorone	ND		200	40
621-64-7	N-Nitrosodi-n-propylamine	ND		200	43
86-30-6	N-Nitrosodiphenylamine	ND		200	32
91-20-3	Naphthalene	ND		200	32
98-95-3	Nitrobenzene	ND		200	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-4 1-3' | Lab Sample ID: 480-240063-2

Matrix: Solid | Lab File ID: V31750138.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.19(g) | Date Analyzed: 07/06/2026 20:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.0 % Solids: 86.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	62
85-01-8	Phenanthrene	ND		200	36
108-95-2	Phenol	ND		200	35
129-00-0	Pyrene	ND		200	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	94		22-120
4165-62-2	Phenol-d5 (Surr)	90		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	102		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	93		10-140
321-60-8	2-Fluorobiphenyl (Surr)	96		29-120
367-12-4	2-Fluorophenol (Surr)	88		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-4 1-3' | Lab Sample ID: 480-240063-2

Matrix: Solid | Lab File ID: V31750138.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.19(g) | Date Analyzed: 07/06/2026 20:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.0 % Solids: 86.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 3 | TIC Result Total: 5930

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~3.49~~	~~5500~~	~~T J~~	
57-10-3	n-Hexadecanoic acid	11.55	190	T J N	98%
62016-76-6	Nonadecane, 1-chloro-	13.26	240	T J N	87%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3' | Lab Sample ID: 480-240063-3

Matrix: Solid | Lab File ID: V31750139.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 11:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 5.33(g) | Date Analyzed: 07/06/2026 20:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 19.7 % Solids: 80.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		600	110	
108-60-1	bis (2-chloroisopropyl) ether	ND		600	120	
95-95-4	2,4,5-Trichlorophenol	ND		600	120	
88-06-2	2,4,6-Trichlorophenol	ND		600	90	
120-83-2	2,4-Dichlorophenol	ND		600	120	
105-67-9	2,4-Dimethylphenol	ND		600	120	
51-28-5	2,4-Dinitrophenol	ND		5800	110	UJ
121-14-2	2,4-Dinitrotoluene	ND		600	81	
606-20-2	2,6-Dinitrotoluene	ND		600	85	
91-58-7	2-Chloronaphthalene	ND		600	110	
123-91-1	1,4-Dioxane	ND		350	130	
95-57-8	2-Chlorophenol	ND		600	93	
95-48-7	2-Methylphenol	ND		600	96	
91-57-6	2-Methylnaphthalene	ND		600	93	
88-74-4	2-Nitroaniline	ND		1200	100	
88-75-5	2-Nitrophenol	ND		600	67	
91-94-1	3,3'-Dichlorobenzidine	ND		1200	170	
99-09-2	3-Nitroaniline	ND		1200	84	
534-52-1	4,6-Dinitro-2-methylphenol	ND		1200	130	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		600	100	
59-50-7	4-Chloro-3-methylphenol	ND		600	120	
106-47-8	4-Chloroaniline	ND		600	85	
7005-72-3	4-Chlorophenyl phenyl ether	ND		600	120	
106-44-5	4-Methylphenol	ND		1200	110	
100-01-6	4-Nitroaniline	ND		1200	87	
100-02-7	4-Nitrophenol	ND		1200	160	
83-32-9	Acenaphthene	ND		600	110	
208-96-8	Acenaphthylene	ND		600	110	
98-86-2	Acetophenone	ND		600	100	
120-12-7	Anthracene	ND		600	110	
1912-24-9	Atrazine	ND		600	200	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3' | Lab Sample ID: 480-240063-3

Matrix: Solid | Lab File ID: V31750139.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 11:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 5.33(g) | Date Analyzed: 07/06/2026 20:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 19.7 % Solids: 80.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		600	450
56-55-3	Benzo[a]anthracene	ND		600	82
50-32-8	Benzo[a]pyrene	ND		600	100
205-99-2	Benzo[b]fluoranthene	120	J	600	80
191-24-2	Benzo[g,h,i]perylene	ND		600	100
207-08-9	Benzo[k]fluoranthene	ND		600	130
111-91-1	Bis(2-chloroethoxy)methane	ND		600	110
111-44-4	Bis(2-chloroethyl)ether	ND		600	110
117-81-7	Bis(2-ethylhexyl) phthalate	ND		600	130
85-68-7	Butyl benzyl phthalate	ND		600	110
105-60-2	Caprolactam	ND		600	140
86-74-8	Carbazole	ND		600	120
218-01-9	Chrysene	ND		600	140
53-70-3	Dibenz(a,h)anthracene	ND		600	120
84-74-2	Di-n-butyl phthalate	160	J	600	130
117-84-0	Di-n-octyl phthalate	ND		600	110
132-64-9	Dibenzofuran	ND		600	100
84-66-2	Diethyl phthalate	ND		600	110
131-11-3	Dimethyl phthalate	ND		600	110
206-44-0	Fluoranthene	170	J	600	110
86-73-7	Fluorene	ND		600	110
118-74-1	Hexachlorobenzene	ND		600	110
87-68-3	Hexachlorobutadiene	ND		600	89
77-47-4	Hexachlorocyclopentadiene	ND		1200	260
67-72-1	Hexachloroethane	ND		600	110
193-39-5	Indeno[1,2,3-cd]pyrene	ND		600	88
78-59-1	Isophorone	ND		600	120
621-64-7	N-Nitrosodi-n-propylamine	ND		600	130
86-30-6	N-Nitrosodiphenylamine	ND		600	99
91-20-3	Naphthalene	ND		600	98
98-95-3	Nitrobenzene	ND		600	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3' | Lab Sample ID: 480-240063-3

Matrix: Solid | Lab File ID: V31750139.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 11:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 5.33(g) | Date Analyzed: 07/06/2026 20:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 19.7 % Solids: 80.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		1200	190
85-01-8	Phenanthrene	130	J	600	110
108-95-2	Phenol	ND		600	110
129-00-0	Pyrene	120	J	600	110

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	90		22-120
4165-62-2	Phenol-d5 (Surr)	91		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	99		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	93		10-140
321-60-8	2-Fluorobiphenyl (Surr)	91		29-120
367-12-4	2-Fluorophenol (Surr)	87		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3' | Lab Sample ID: 480-240063-3

Matrix: Solid | Lab File ID: V31750139.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 11:30

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 5.33(g) | Date Analyzed: 07/06/2026 20:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 19.7 % Solids: 80.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 5 | TIC Result Total: 19560

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	17000	T J	
	Unknown	12.02	500	T J	
10544-50-0	Cyclic octaatomic sulfur	12.16	870	T J N	94%
	Unknown	12.79	660	T J	
593-45-3	Octadecane	13.26	530	T J N	95%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-10 1-3' | Lab Sample ID: 480-240063-4

Matrix: Solid | Lab File ID: V31750153.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 11:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.05(g) | Date Analyzed: 07/07/2026 02:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.3 % Solids: 85.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		990	180	
108-60-1	bis (2-chloroisopropyl) ether	ND		990	200	
95-95-4	2,4,5-Trichlorophenol	ND		990	200	
88-06-2	2,4,6-Trichlorophenol	ND		990	150	
120-83-2	2,4-Dichlorophenol	ND		990	190	
105-67-9	2,4-Dimethylphenol	ND		990	210	
51-28-5	2,4-Dinitrophenol	ND		9600	190	
121-14-2	2,4-Dinitrotoluene	ND		990	130	
606-20-2	2,6-Dinitrotoluene	ND		990	140	
91-58-7	2-Chloronaphthalene	ND		990	180	
123-91-1	1,4-Dioxane	ND		580	220	
95-57-8	2-Chlorophenol	ND		990	150	
95-48-7	2-Methylphenol	ND		990	160	
91-57-6	2-Methylnaphthalene	ND		990	150	
88-74-4	2-Nitroaniline	ND		1900	170	
88-75-5	2-Nitrophenol	ND		990	110	
91-94-1	3,3'-Dichlorobenzidine	ND		1900	290	
99-09-2	3-Nitroaniline	ND		1900	140	
534-52-1	4,6-Dinitro-2-methylphenol	ND		1900	220	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		990	170	
59-50-7	4-Chloro-3-methylphenol	ND		990	200	
106-47-8	4-Chloroaniline	ND		990	140	
7005-72-3	4-Chlorophenyl phenyl ether	ND		990	210	
106-44-5	4-Methylphenol	ND		1900	180	
100-01-6	4-Nitroaniline	ND		1900	140	
100-02-7	4-Nitrophenol	ND		1900	270	
83-32-9	Acenaphthene	ND		990	180	
208-96-8	Acenaphthylene	ND		990	190	
98-86-2	Acetophenone	ND		990	170	
120-12-7	Anthracene	ND		990	180	
1912-24-9	Atrazine	ND		990	330	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-10 1-3' | Lab Sample ID: 480-240063-4

Matrix: Solid | Lab File ID: V31750153.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 11:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.05(g) | Date Analyzed: 07/07/2026 02:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.3 % Solids: 85.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		990	750
56-55-3	Benzo[a]anthracene	230	J	990	140
50-32-8	Benzo[a]pyrene	220	J	990	170
205-99-2	Benzo[b]fluoranthene	300	J	990	130
191-24-2	Benzo[g,h,i]perylene	ND		990	170
207-08-9	Benzo[k]fluoranthene	ND		990	220
111-91-1	Bis(2-chloroethoxy)methane	ND		990	190
111-44-4	Bis(2-chloroethyl)ether	ND		990	190
117-81-7	Bis(2-ethylhexyl) phthalate	ND		990	210
85-68-7	Butyl benzyl phthalate	ND		990	180
105-60-2	Caprolactam	ND		990	230
86-74-8	Carbazole	ND		990	190
218-01-9	Chrysene	240	J	990	240
53-70-3	Dibenz(a,h)anthracene	ND		990	200
84-74-2	Di-n-butyl phthalate	ND		990	220
117-84-0	Di-n-octyl phthalate	ND		990	190
132-64-9	Dibenzofuran	ND		990	170
84-66-2	Diethyl phthalate	ND		990	180
131-11-3	Dimethyl phthalate	ND		990	190
206-44-0	Fluoranthene	440	J	990	180
86-73-7	Fluorene	ND		990	180
118-74-1	Hexachlorobenzene	ND		990	190
87-68-3	Hexachlorobutadiene	ND		990	150
77-47-4	Hexachlorocyclopentadiene	ND		1900	430
67-72-1	Hexachloroethane	ND		990	180
193-39-5	Indeno[1,2,3-cd]pyrene	150	J	990	150
78-59-1	Isophorone	ND		990	200
621-64-7	N-Nitrosodi-n-propylamine	ND		990	220
86-30-6	N-Nitrosodiphenylamine	ND		990	160
91-20-3	Naphthalene	ND		990	160
98-95-3	Nitrobenzene	ND		990	170

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-10 1-3' | Lab Sample ID: 480-240063-4

Matrix: Solid | Lab File ID: V31750153.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 11:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.05(g) | Date Analyzed: 07/07/2026 02:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.3 % Solids: 85.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		1900	310
85-01-8	Phenanthrene	250	J	990	180
108-95-2	Phenol	ND		990	180
129-00-0	Pyrene	330	J	990	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	84		22-120
4165-62-2	Phenol-d5 (Surr)	84		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	82		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	83		10-140
321-60-8	2-Fluorobiphenyl (Surr)	82		29-120
367-12-4	2-Fluorophenol (Surr)	84		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-10 1-3' | Lab Sample ID: 480-240063-4

Matrix: Solid | Lab File ID: V31750153.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 11:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.05(g) | Date Analyzed: 07/07/2026 02:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.3 % Solids: 85.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 2 | TIC Result Total: 6500

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~3.50~~	~~5300~~	~~T J~~	
295-48-7	Cyclopentadecane	13.80	1200	T J N	95%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-11 1-3' | Lab Sample ID: 480-240063-5

Matrix: Solid | Lab File ID: V31750154.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.16(g) | Date Analyzed: 07/07/2026 02:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 12.0 % Solids: 88.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		190	36	
108-60-1	bis (2-chloroisopropyl) ether	ND		190	39	
95-95-4	2,4,5-Trichlorophenol	ND		190	39	
88-06-2	2,4,6-Trichlorophenol	ND		190	29	
120-83-2	2,4-Dichlorophenol	ND		190	37	
105-67-9	2,4-Dimethylphenol	ND		190	40	
51-28-5	2,4-Dinitrophenol	ND		1900	36	
121-14-2	2,4-Dinitrotoluene	ND		190	26	
606-20-2	2,6-Dinitrotoluene	ND		190	27	
91-58-7	2-Chloronaphthalene	ND		190	35	
123-91-1	1,4-Dioxane	ND		110	42	
95-57-8	2-Chlorophenol	ND		190	30	
95-48-7	2-Methylphenol	ND		190	31	
91-57-6	2-Methylnaphthalene	ND		190	30	
88-74-4	2-Nitroaniline	ND		370	32	
88-75-5	2-Nitrophenol	ND		190	22	
91-94-1	3,3'-Dichlorobenzidine	ND		370	56	
99-09-2	3-Nitroaniline	ND		370	27	
534-52-1	4,6-Dinitro-2-methylphenol	ND		370	42	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		190	32	
59-50-7	4-Chloro-3-methylphenol	ND		190	39	
106-47-8	4-Chloroaniline	ND		190	27	
7005-72-3	4-Chlorophenyl phenyl ether	ND		190	40	
106-44-5	4-Methylphenol	ND		370	34	
100-01-6	4-Nitroaniline	ND		370	28	
100-02-7	4-Nitrophenol	ND		370	52	
83-32-9	Acenaphthene	ND		190	35	
208-96-8	Acenaphthylene	ND		190	37	
98-86-2	Acetophenone	ND		190	34	
120-12-7	Anthracene	ND		190	35	
1912-24-9	Atrazine	ND		190	64	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-11 1-3' | Lab Sample ID: 480-240063-5

Matrix: Solid | Lab File ID: V31750154.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.16(g) | Date Analyzed: 07/07/2026 02:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 12.0 % Solids: 88.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		190	150
56-55-3	Benzo[a]anthracene	ND		190	26
50-32-8	Benzo[a]pyrene	ND		190	32
205-99-2	Benzo[b]fluoranthene	ND		190	26
191-24-2	Benzo[g,h,i]perylene	ND		190	33
207-08-9	Benzo[k]fluoranthene	ND		190	43
111-91-1	Bis(2-chloroethoxy)methane	ND		190	36
111-44-4	Bis(2-chloroethyl)ether	ND		190	36
117-81-7	Bis(2-ethylhexyl) phthalate	ND		190	41
85-68-7	Butyl benzyl phthalate	ND		190	35
105-60-2	Caprolactam	ND		190	44
86-74-8	Carbazole	ND		190	37
218-01-9	Chrysene	ND		190	46
53-70-3	Dibenz(a,h)anthracene	ND		190	38
84-74-2	Di-n-butyl phthalate	ND		190	43
117-84-0	Di-n-octyl phthalate	ND		190	36
132-64-9	Dibenzofuran	ND		190	34
84-66-2	Diethyl phthalate	ND		190	34
131-11-3	Dimethyl phthalate	ND		190	37
206-44-0	Fluoranthene	ND		190	35
86-73-7	Fluorene	ND		190	35
118-74-1	Hexachlorobenzene	ND		190	37
87-68-3	Hexachlorobutadiene	ND		190	28
77-47-4	Hexachlorocyclopentadiene	ND		370	83
67-72-1	Hexachloroethane	ND		190	35
193-39-5	Indeno[1,2,3-cd]pyrene	ND		190	28
78-59-1	Isophorone	ND		190	39
621-64-7	N-Nitrosodi-n-propylamine	ND		190	43
86-30-6	N-Nitrosodiphenylamine	ND		190	32
91-20-3	Naphthalene	ND		190	32
98-95-3	Nitrobenzene	ND		190	32

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-11 1-3' | Lab Sample ID: 480-240063-5

Matrix: Solid | Lab File ID: V31750154.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.16(g) | Date Analyzed: 07/07/2026 02:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 12.0 % Solids: 88.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		370	61
85-01-8	Phenanthrene	ND		190	36
108-95-2	Phenol	ND		190	35
129-00-0	Pyrene	ND		190	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	96		22-120
4165-62-2	Phenol-d5 (Surr)	86		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	95		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	95		10-140
321-60-8	2-Fluorobiphenyl (Surr)	96		29-120
367-12-4	2-Fluorophenol (Surr)	87		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-11 1-3' | Lab Sample ID: 480-240063-5

Matrix: Solid | Lab File ID: V31750154.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 11:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.16(g) | Date Analyzed: 07/07/2026 02:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 12.0 % Solids: 88.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 2 | TIC Result Total: 11800

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.00	6700	T J	
	Unknown	3.49	5100	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 1-3' | Lab Sample ID: 480-240063-6

Matrix: Solid | Lab File ID: V31750155.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 03:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 29.5 % Solids: 70.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		240	45	
108-60-1	bis (2-chloroisopropyl) ether	ND		240	49	
95-95-4	2,4,5-Trichlorophenol	ND		240	48	
88-06-2	2,4,6-Trichlorophenol	ND		240	36	
120-83-2	2,4-Dichlorophenol	ND		240	47	
105-67-9	2,4-Dimethylphenol	ND		240	50	
51-28-5	2,4-Dinitrophenol	ND		2300	46	
121-14-2	2,4-Dinitrotoluene	ND		240	33	
606-20-2	2,6-Dinitrotoluene	ND		240	34	
91-58-7	2-Chloronaphthalene	ND		240	45	
123-91-1	1,4-Dioxane	ND		140	53	
95-57-8	2-Chlorophenol	ND		240	37	
95-48-7	2-Methylphenol	ND		240	39	
91-57-6	2-Methylnaphthalene	ND		240	38	
88-74-4	2-Nitroaniline	ND		470	41	
88-75-5	2-Nitrophenol	ND		240	27	
91-94-1	3,3'-Dichlorobenzidine	ND		470	70	
99-09-2	3-Nitroaniline	ND		470	34	
534-52-1	4,6-Dinitro-2-methylphenol	ND		470	52	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		240	41	
59-50-7	4-Chloro-3-methylphenol	ND		240	49	
106-47-8	4-Chloroaniline	ND		240	34	
7005-72-3	4-Chlorophenyl phenyl ether	ND		240	50	
106-44-5	4-Methylphenol	ND		470	43	
100-01-6	4-Nitroaniline	ND		470	35	
100-02-7	4-Nitrophenol	ND		470	65	
83-32-9	Acenaphthene	ND		240	44	
208-96-8	Acenaphthylene	ND		240	46	
98-86-2	Acetophenone	ND		240	42	
120-12-7	Anthracene	ND		240	44	
1912-24-9	Atrazine	ND		240	81	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 1-3' | Lab Sample ID: 480-240063-6

Matrix: Solid | Lab File ID: V31750155.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 03:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 29.5 % Solids: 70.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		240	180
56-55-3	Benzo[a]anthracene	ND		240	33
50-32-8	Benzo[a]pyrene	ND		240	41
205-99-2	Benzo[b]fluoranthene	ND		240	32
191-24-2	Benzo[g,h,i]perylene	ND		240	42
207-08-9	Benzo[k]fluoranthene	ND		240	54
111-91-1	Bis(2-chloroethoxy)methane	ND		240	46
111-44-4	Bis(2-chloroethyl)ether	ND		240	45
117-81-7	Bis(2-ethylhexyl) phthalate	ND		240	52
85-68-7	Butyl benzyl phthalate	ND		240	44
105-60-2	Caprolactam	ND		240	55
86-74-8	Carbazole	ND		240	47
218-01-9	Chrysene	ND		240	58
53-70-3	Dibenz(a,h)anthracene	ND		240	48
84-74-2	Di-n-butyl phthalate	ND		240	54
117-84-0	Di-n-octyl phthalate	ND		240	46
132-64-9	Dibenzofuran	ND		240	42
84-66-2	Diethyl phthalate	ND		240	43
131-11-3	Dimethyl phthalate	ND		240	46
206-44-0	Fluoranthene	ND		240	44
86-73-7	Fluorene	ND		240	44
118-74-1	Hexachlorobenzene	ND		240	46
87-68-3	Hexachlorobutadiene	ND		240	36
77-47-4	Hexachlorocyclopentadiene	ND		470	100
67-72-1	Hexachloroethane	ND		240	44
193-39-5	Indeno[1,2,3-cd]pyrene	ND		240	36
78-59-1	Isophorone	ND		240	49
621-64-7	N-Nitrosodi-n-propylamine	ND		240	54
86-30-6	N-Nitrosodiphenylamine	ND		240	40
91-20-3	Naphthalene	ND		240	40
98-95-3	Nitrobenzene	ND		240	40

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 1-3' | Lab Sample ID: 480-240063-6

Matrix: Solid | Lab File ID: V31750155.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 03:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 29.5 % Solids: 70.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		470	76
85-01-8	Phenanthrene	ND		240	45
108-95-2	Phenol	ND		240	44
129-00-0	Pyrene	ND		240	45

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	86		22-120
4165-62-2	Phenol-d5 (Surr)	85		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	93		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	88		10-140
321-60-8	2-Fluorobiphenyl (Surr)	86		29-120
367-12-4	2-Fluorophenol (Surr)	81		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 1-3' | Lab Sample ID: 480-240063-6

Matrix: Solid | Lab File ID: V31750155.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 03:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 29.5 % Solids: 70.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 6000

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	6000	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 8-10' | Lab Sample ID: 480-240063-7

Matrix: Solid | Lab File ID: V31750156.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.10(g) | Date Analyzed: 07/07/2026 03:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.5 % Solids: 85.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	37	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	40	
95-95-4	2,4,5-Trichlorophenol	ND		200	40	
88-06-2	2,4,6-Trichlorophenol	ND		200	30	
120-83-2	2,4-Dichlorophenol	ND		200	38	
105-67-9	2,4-Dimethylphenol	ND		200	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	28	
91-58-7	2-Chloronaphthalene	ND		200	37	
123-91-1	1,4-Dioxane	ND		120	43	
95-57-8	2-Chlorophenol	ND		200	31	
95-48-7	2-Methylphenol	ND		200	32	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		200	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	58	
99-09-2	3-Nitroaniline	ND		380	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	33	
59-50-7	4-Chloro-3-methylphenol	ND		200	40	
106-47-8	4-Chloroaniline	ND		200	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	41	
106-44-5	4-Methylphenol	ND		380	35	
100-01-6	4-Nitroaniline	ND		380	29	
100-02-7	4-Nitrophenol	ND		380	54	
83-32-9	Acenaphthene	ND		200	36	
208-96-8	Acenaphthylene	ND		200	38	
98-86-2	Acetophenone	ND		200	35	
120-12-7	Anthracene	ND		200	36	
1912-24-9	Atrazine	ND		200	66	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 8-10' | Lab Sample ID: 480-240063-7

Matrix: Solid | Lab File ID: V31750156.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.10(g) | Date Analyzed: 07/07/2026 03:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.5 % Solids: 85.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	ND		200	27
50-32-8	Benzo[a]pyrene	ND		200	33
205-99-2	Benzo[b]fluoranthene	ND		200	26
191-24-2	Benzo[g,h,i]perylene	ND		200	34
207-08-9	Benzo[k]fluoranthene	ND		200	44
111-91-1	Bis(2-chloroethoxy)methane	ND		200	38
111-44-4	Bis(2-chloroethyl)ether	ND		200	37
117-81-7	Bis(2-ethylhexyl) phthalate	ND		200	43
85-68-7	Butyl benzyl phthalate	ND		200	36
105-60-2	Caprolactam	ND		200	45
86-74-8	Carbazole	ND		200	39
218-01-9	Chrysene	ND		200	47
53-70-3	Dibenz(a,h)anthracene	ND		200	40
84-74-2	Di-n-butyl phthalate	ND		200	44
117-84-0	Di-n-octyl phthalate	ND		200	37
132-64-9	Dibenzofuran	ND		200	35
84-66-2	Diethyl phthalate	ND		200	35
131-11-3	Dimethyl phthalate	ND		200	38
206-44-0	Fluoranthene	ND		200	36
86-73-7	Fluorene	ND		200	36
118-74-1	Hexachlorobenzene	ND		200	38
87-68-3	Hexachlorobutadiene	ND		200	29
77-47-4	Hexachlorocyclopentadiene	ND		380	86
67-72-1	Hexachloroethane	ND		200	36
193-39-5	Indeno[1,2,3-cd]pyrene	ND		200	29
78-59-1	Isophorone	ND		200	40
621-64-7	N-Nitrosodi-n-propylamine	ND		200	44
86-30-6	N-Nitrosodiphenylamine	ND		200	33
91-20-3	Naphthalene	ND		200	33
98-95-3	Nitrobenzene	ND		200	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 8-10' | Lab Sample ID: 480-240063-7

Matrix: Solid | Lab File ID: V31750156.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.10(g) | Date Analyzed: 07/07/2026 03:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.5 % Solids: 85.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	63
85-01-8	Phenanthrene	ND		200	37
108-95-2	Phenol	ND		200	36
129-00-0	Pyrene	ND		200	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	89		22-120
4165-62-2	Phenol-d5 (Surr)	88		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	102		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	94		10-140
321-60-8	2-Fluorobiphenyl (Surr)	92		29-120
367-12-4	2-Fluorophenol (Surr)	84		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 8-10' | Lab Sample ID: 480-240063-7

Matrix: Solid | Lab File ID: V31750156.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 13:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.10(g) | Date Analyzed: 07/07/2026 03:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.5 % Solids: 85.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 5200

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	5200	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 1-3' | Lab Sample ID: 480-240063-8

Matrix: Solid | Lab File ID: V31750157.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:40

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.15(g) | Date Analyzed: 07/07/2026 04:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.8 % Solids: 83.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	38	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	41	
95-95-4	2,4,5-Trichlorophenol	ND		200	41	
88-06-2	2,4,6-Trichlorophenol	ND		200	31	
120-83-2	2,4-Dichlorophenol	ND		200	39	
105-67-9	2,4-Dimethylphenol	ND		200	42	
51-28-5	2,4-Dinitrophenol	ND		2000	38	
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	29	
91-58-7	2-Chloronaphthalene	ND		200	37	
123-91-1	1,4-Dioxane	ND		120	44	
95-57-8	2-Chlorophenol	ND		200	32	
95-48-7	2-Methylphenol	ND		200	33	
91-57-6	2-Methylnaphthalene	ND		200	32	
88-74-4	2-Nitroaniline	ND		390	34	
88-75-5	2-Nitrophenol	ND		200	23	
91-94-1	3,3'-Dichlorobenzidine	ND		390	59	
99-09-2	3-Nitroaniline	ND		390	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		390	44	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	34	
59-50-7	4-Chloro-3-methylphenol	ND		200	41	
106-47-8	4-Chloroaniline	ND		200	29	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	42	
106-44-5	4-Methylphenol	ND		390	36	
100-01-6	4-Nitroaniline	ND		390	30	
100-02-7	4-Nitrophenol	ND		390	55	
83-32-9	Acenaphthene	ND		200	37	
208-96-8	Acenaphthylene	ND		200	39	
98-86-2	Acetophenone	ND		200	35	
120-12-7	Anthracene	ND		200	37	
1912-24-9	Atrazine	ND		200	68	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 1-3' | Lab Sample ID: 480-240063-8

Matrix: Solid | Lab File ID: V31750157.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:40

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.15(g) | Date Analyzed: 07/07/2026 04:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.8 % Solids: 83.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	34	J	200	28
50-32-8	Benzo[a]pyrene	40	J	200	34
205-99-2	Benzo[b]fluoranthene	60	J	200	27
191-24-2	Benzo[g,h,i]perylene	35	J	200	35
207-08-9	Benzo[k]fluoranthene	ND		200	45
111-91-1	Bis(2-chloroethoxy)methane	ND		200	39
111-44-4	Bis(2-chloroethyl)ether	ND		200	38
117-81-7	Bis(2-ethylhexyl) phthalate	ND		200	44
85-68-7	Butyl benzyl phthalate	ND		200	37
105-60-2	Caprolactam	ND		200	47
86-74-8	Carbazole	ND		200	40
218-01-9	Chrysene	49	J	200	48
53-70-3	Dibenz(a,h)anthracene	ND		200	41
84-74-2	Di-n-butyl phthalate	ND		200	45
117-84-0	Di-n-octyl phthalate	ND		200	38
132-64-9	Dibenzofuran	ND		200	35
84-66-2	Diethyl phthalate	ND		200	36
131-11-3	Dimethyl phthalate	ND		200	39
206-44-0	Fluoranthene	110	J	200	37
86-73-7	Fluorene	ND		200	37
118-74-1	Hexachlorobenzene	ND		200	39
87-68-3	Hexachlorobutadiene	ND		200	30
77-47-4	Hexachlorocyclopentadiene	ND		390	88
67-72-1	Hexachloroethane	ND		200	37
193-39-5	Indeno[1,2,3-cd]pyrene	31	J	200	30
78-59-1	Isophorone	ND		200	41
621-64-7	N-Nitrosodi-n-propylamine	ND		200	45
86-30-6	N-Nitrosodiphenylamine	ND		200	34
91-20-3	Naphthalene	ND		200	33
98-95-3	Nitrobenzene	ND		200	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 1-3' | Lab Sample ID: 480-240063-8

Matrix: Solid | Lab File ID: V31750157.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:40

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.15(g) | Date Analyzed: 07/07/2026 04:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.8 % Solids: 83.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		390	64
85-01-8	Phenanthrene	43	J	200	38
108-95-2	Phenol	ND		200	37
129-00-0	Pyrene	86	J	200	38

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	89		22-120
4165-62-2	Phenol-d5 (Surr)	87		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	96		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	89		10-140
321-60-8	2-Fluorobiphenyl (Surr)	89		29-120
367-12-4	2-Fluorophenol (Surr)	84		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 1-3' | Lab Sample ID: 480-240063-8

Matrix: Solid | Lab File ID: V31750157.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:40

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.15(g) | Date Analyzed: 07/07/2026 04:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.8 % Solids: 83.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 5300

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~3.49~~	~~5300~~	~~T J~~	

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GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 8-10 | Lab Sample ID: 480-240063-9

Matrix: Solid | Lab File ID: V31750158.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:40

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.33(g) | Date Analyzed: 07/07/2026 04:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.9 % Solids: 85.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	37	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	40	
95-95-4	2,4,5-Trichlorophenol	ND		200	39	
88-06-2	2,4,6-Trichlorophenol	ND		200	30	
120-83-2	2,4-Dichlorophenol	ND		200	38	
105-67-9	2,4-Dimethylphenol	ND		200	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	
121-14-2	2,4-Dinitrotoluene	ND		200	26	
606-20-2	2,6-Dinitrotoluene	ND		200	28	
91-58-7	2-Chloronaphthalene	ND		200	36	
123-91-1	1,4-Dioxane	ND		110	43	
95-57-8	2-Chlorophenol	ND		200	30	
95-48-7	2-Methylphenol	ND		200	31	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		200	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	57	
99-09-2	3-Nitroaniline	ND		380	27	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	33	
59-50-7	4-Chloro-3-methylphenol	ND		200	40	
106-47-8	4-Chloroaniline	ND		200	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	41	
106-44-5	4-Methylphenol	ND		380	35	
100-01-6	4-Nitroaniline	ND		380	29	
100-02-7	4-Nitrophenol	ND		380	53	
83-32-9	Acenaphthene	ND		200	36	
208-96-8	Acenaphthylene	ND		200	37	
98-86-2	Acetophenone	ND		200	34	
120-12-7	Anthracene	ND		200	36	
1912-24-9	Atrazine	ND		200	66	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 8-10 | Lab Sample ID: 480-240063-9

Matrix: Solid | Lab File ID: V31750158.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:40

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.33(g) | Date Analyzed: 07/07/2026 04:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.9 % Solids: 85.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	ND		200	27
50-32-8	Benzo[a]pyrene	ND		200	33
205-99-2	Benzo[b]fluoranthene	ND		200	26
191-24-2	Benzo[g,h,i]perylene	ND		200	34
207-08-9	Benzo[k]fluoranthene	ND		200	44
111-91-1	Bis(2-chloroethoxy)methane	ND		200	37
111-44-4	Bis(2-chloroethyl)ether	ND		200	37
117-81-7	Bis(2-ethylhexyl) phthalate	ND		200	42
85-68-7	Butyl benzyl phthalate	ND		200	36
105-60-2	Caprolactam	ND		200	45
86-74-8	Carbazole	ND		200	38
218-01-9	Chrysene	ND		200	47
53-70-3	Dibenz(a,h)anthracene	ND		200	39
84-74-2	Di-n-butyl phthalate	ND		200	44
117-84-0	Di-n-octyl phthalate	ND		200	37
132-64-9	Dibenzofuran	ND		200	34
84-66-2	Diethyl phthalate	ND		200	35
131-11-3	Dimethyl phthalate	ND		200	37
206-44-0	Fluoranthene	ND		200	35
86-73-7	Fluorene	ND		200	36
118-74-1	Hexachlorobenzene	ND		200	37
87-68-3	Hexachlorobutadiene	ND		200	29
77-47-4	Hexachlorocyclopentadiene	ND		380	85
67-72-1	Hexachloroethane	ND		200	36
193-39-5	Indeno[1,2,3-cd]pyrene	ND		200	29
78-59-1	Isophorone	ND		200	40
621-64-7	N-Nitrosodi-n-propylamine	ND		200	44
86-30-6	N-Nitrosodiphenylamine	ND		200	33
91-20-3	Naphthalene	ND		200	32
98-95-3	Nitrobenzene	ND		200	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 8-10 | Lab Sample ID: 480-240063-9

Matrix: Solid | Lab File ID: V31750158.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:40

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.33(g) | Date Analyzed: 07/07/2026 04:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.9 % Solids: 85.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	62
85-01-8	Phenanthrene	ND		200	36
108-95-2	Phenol	ND		200	35
129-00-0	Pyrene	ND		200	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	93		22-120
4165-62-2	Phenol-d5 (Surr)	94		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	99		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	96		10-140
321-60-8	2-Fluorobiphenyl (Surr)	97		29-120
367-12-4	2-Fluorophenol (Surr)	92		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 8-10 | Lab Sample ID: 480-240063-9

Matrix: Solid | Lab File ID: V31750158.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:40

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.33(g) | Date Analyzed: 07/07/2026 04:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.9 % Solids: 85.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 3 | TIC Result Total: 12290

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~2.00~~	~~6600~~	~~T J~~	
	~~Unknown~~	~~3.49~~	~~5500~~	~~T J~~	
57-10-3	n-Hexadecanoic acid	11.55	190	T J N	95%

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FORM I-TIC EPA 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 1-3' | Lab Sample ID: 480-240063-10

Matrix: Solid | Lab File ID: V31750159.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 04:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 6.3 % Solids: 93.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		180	34	
108-60-1	bis (2-chloroisopropyl) ether	ND		180	37	
95-95-4	2,4,5-Trichlorophenol	ND		180	36	
88-06-2	2,4,6-Trichlorophenol	ND		180	27	
120-83-2	2,4-Dichlorophenol	ND		180	35	
105-67-9	2,4-Dimethylphenol	ND		180	38	
51-28-5	2,4-Dinitrophenol	ND		1800	34	
121-14-2	2,4-Dinitrotoluene	ND		180	24	
606-20-2	2,6-Dinitrotoluene	ND		180	26	
91-58-7	2-Chloronaphthalene	ND		180	33	
123-91-1	1,4-Dioxane	ND		110	40	
95-57-8	2-Chlorophenol	ND		180	28	
95-48-7	2-Methylphenol	ND		180	29	
91-57-6	2-Methylnaphthalene	ND		180	28	
88-74-4	2-Nitroaniline	ND		350	31	
88-75-5	2-Nitrophenol	ND		180	20	
91-94-1	3,3'-Dichlorobenzidine	ND		350	53	
99-09-2	3-Nitroaniline	ND		350	25	
534-52-1	4,6-Dinitro-2-methylphenol	ND		350	39	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		180	31	
59-50-7	4-Chloro-3-methylphenol	ND		180	37	
106-47-8	4-Chloroaniline	ND		180	26	
7005-72-3	4-Chlorophenyl phenyl ether	ND		180	38	
106-44-5	4-Methylphenol	ND		350	32	
100-01-6	4-Nitroaniline	ND		350	26	
100-02-7	4-Nitrophenol	ND		350	49	
83-32-9	Acenaphthene	ND		180	33	
208-96-8	Acenaphthylene	ND		180	35	
98-86-2	Acetophenone	ND		180	32	
120-12-7	Anthracene	ND		180	33	
1912-24-9	Atrazine	ND		180	61	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 1-3' | Lab Sample ID: 480-240063-10

Matrix: Solid | Lab File ID: V31750159.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 04:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 6.3 % Solids: 93.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-52-7	Benzaldehyde	ND		180	140	
56-55-3	Benzo[a]anthracene	ND		180	25	
50-32-8	Benzo[a]pyrene	ND		180	31	
205-99-2	Benzo[b]fluoranthene	ND		180	24	
191-24-2	Benzo[g,h,i]perylene	ND		180	31	
207-08-9	Benzo[k]fluoranthene	ND		180	40	
111-91-1	Bis(2-chloroethoxy)methane	ND		180	34	
111-44-4	Bis(2-chloroethyl)ether	ND		180	34	
117-81-7	Bis(2-ethylhexyl) phthalate	230	B	180	39	J
85-68-7	Butyl benzyl phthalate	ND		180	33	
105-60-2	Caprolactam	ND		180	42	
86-74-8	Carbazole	ND		180	35	
218-01-9	Chrysene	ND		180	43	
53-70-3	Dibenz(a,h)anthracene	ND		180	36	
84-74-2	Di-n-butyl phthalate	50	J	180	40	
117-84-0	Di-n-octyl phthalate	98	J	180	34	
132-64-9	Dibenzofuran	ND		180	32	
84-66-2	Diethyl phthalate	ND		180	32	
131-11-3	Dimethyl phthalate	ND		180	35	
206-44-0	Fluoranthene	ND		180	33	
86-73-7	Fluorene	ND		180	33	
118-74-1	Hexachlorobenzene	ND		180	35	
87-68-3	Hexachlorobutadiene	ND		180	27	
77-47-4	Hexachlorocyclopentadiene	ND		350	79	
67-72-1	Hexachloroethane	ND		180	33	
193-39-5	Indeno[1,2,3-cd]pyrene	ND		180	27	
78-59-1	Isophorone	ND		180	37	
621-64-7	N-Nitrosodi-n-propylamine	ND		180	40	
86-30-6	N-Nitrosodiphenylamine	ND		180	30	
91-20-3	Naphthalene	ND		180	30	
98-95-3	Nitrobenzene	ND		180	30	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 1-3' | Lab Sample ID: 480-240063-10

Matrix: Solid | Lab File ID: V31750159.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 04:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 6.3 % Solids: 93.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		350	57
85-01-8	Phenanthrene	ND		180	34
108-95-2	Phenol	ND		180	33
129-00-0	Pyrene	ND		180	34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	89		22-120
4165-62-2	Phenol-d5 (Surr)	90		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	99		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	95		10-140
321-60-8	2-Fluorobiphenyl (Surr)	93		29-120
367-12-4	2-Fluorophenol (Surr)	88		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 1-3' | Lab Sample ID: 480-240063-10

Matrix: Solid | Lab File ID: V31750159.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 04:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 6.3 % Solids: 93.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 3 | TIC Result Total: 10760

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~2.00~~	~~5700~~	~~T J~~	
	~~Unknown~~	~~3.49~~	~~4800~~	~~T J~~	
	Unknown	11.01	260	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 8-10' | Lab Sample ID: 480-240063-11

Matrix: Solid | Lab File ID: V31750160.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.19(g) | Date Analyzed: 07/07/2026 05:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.8 % Solids: 85.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	37	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	40	
95-95-4	2,4,5-Trichlorophenol	ND		200	40	
88-06-2	2,4,6-Trichlorophenol	ND		200	30	
120-83-2	2,4-Dichlorophenol	ND		200	38	
105-67-9	2,4-Dimethylphenol	ND		200	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	28	
91-58-7	2-Chloronaphthalene	ND		200	37	
123-91-1	1,4-Dioxane	ND		120	43	
95-57-8	2-Chlorophenol	ND		200	31	
95-48-7	2-Methylphenol	ND		200	32	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		200	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	57	
99-09-2	3-Nitroaniline	ND		380	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	33	
59-50-7	4-Chloro-3-methylphenol	ND		200	40	
106-47-8	4-Chloroaniline	ND		200	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	41	
106-44-5	4-Methylphenol	ND		380	35	
100-01-6	4-Nitroaniline	ND		380	29	
100-02-7	4-Nitrophenol	ND		380	54	
83-32-9	Acenaphthene	ND		200	36	
208-96-8	Acenaphthylene	ND		200	38	
98-86-2	Acetophenone	ND		200	35	
120-12-7	Anthracene	ND		200	36	
1912-24-9	Atrazine	ND		200	66	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 8-10' | Lab Sample ID: 480-240063-11

Matrix: Solid | Lab File ID: V31750160.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.19(g) | Date Analyzed: 07/07/2026 05:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.8 % Solids: 85.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	ND		200	27
50-32-8	Benzo[a]pyrene	ND		200	33
205-99-2	Benzo[b]fluoranthene	ND		200	26
191-24-2	Benzo[g,h,i]perylene	ND		200	34
207-08-9	Benzo[k]fluoranthene	ND		200	44
111-91-1	Bis(2-chloroethoxy)methane	ND		200	38
111-44-4	Bis(2-chloroethyl)ether	ND		200	37
117-81-7	Bis(2-ethylhexyl) phthalate	ND		200	43
85-68-7	Butyl benzyl phthalate	ND		200	36
105-60-2	Caprolactam	ND		200	45
86-74-8	Carbazole	ND		200	38
218-01-9	Chrysene	ND		200	47
53-70-3	Dibenz(a,h)anthracene	ND		200	40
84-74-2	Di-n-butyl phthalate	ND		200	44
117-84-0	Di-n-octyl phthalate	ND		200	37
132-64-9	Dibenzofuran	ND		200	35
84-66-2	Diethyl phthalate	ND		200	35
131-11-3	Dimethyl phthalate	ND		200	38
206-44-0	Fluoranthene	ND		200	36
86-73-7	Fluorene	ND		200	36
118-74-1	Hexachlorobenzene	ND		200	38
87-68-3	Hexachlorobutadiene	ND		200	29
77-47-4	Hexachlorocyclopentadiene	ND		380	86
67-72-1	Hexachloroethane	ND		200	36
193-39-5	Indeno[1,2,3-cd]pyrene	ND		200	29
78-59-1	Isophorone	ND		200	40
621-64-7	N-Nitrosodi-n-propylamine	ND		200	44
86-30-6	N-Nitrosodiphenylamine	ND		200	33
91-20-3	Naphthalene	ND		200	33
98-95-3	Nitrobenzene	ND		200	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 8-10' | Lab Sample ID: 480-240063-11

Matrix: Solid | Lab File ID: V31750160.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.19(g) | Date Analyzed: 07/07/2026 05:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.8 % Solids: 85.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	62
85-01-8	Phenanthrene	ND		200	37
108-95-2	Phenol	ND		200	36
129-00-0	Pyrene	ND		200	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	88		22-120
4165-62-2	Phenol-d5 (Surr)	86		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	96		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	93		10-140
321-60-8	2-Fluorobiphenyl (Surr)	91		29-120
367-12-4	2-Fluorophenol (Surr)	83		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 8-10' | Lab Sample ID: 480-240063-11

Matrix: Solid | Lab File ID: V31750160.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.19(g) | Date Analyzed: 07/07/2026 05:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.8 % Solids: 85.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 2 | TIC Result Total: 5280

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	5100	T J	
57-10-3	n-Hexadecanoic acid	11.55	180	T J N	96%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3' | Lab Sample ID: 480-240063-12

Matrix: Solid | Lab File ID: V31750161.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.13(g) | Date Analyzed: 07/07/2026 05:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.3 % Solids: 81.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		1000	190	
108-60-1	bis (2-chloroisopropyl) ether	ND		1000	210	
95-95-4	2,4,5-Trichlorophenol	ND		1000	210	
88-06-2	2,4,6-Trichlorophenol	ND		1000	160	
120-83-2	2,4-Dichlorophenol	ND		1000	200	
105-67-9	2,4-Dimethylphenol	ND		1000	220	
51-28-5	2,4-Dinitrophenol	ND		10000	200	
121-14-2	2,4-Dinitrotoluene	ND		1000	140	
606-20-2	2,6-Dinitrotoluene	ND		1000	150	
91-58-7	2-Chloronaphthalene	ND		1000	190	
123-91-1	1,4-Dioxane	ND		610	230	
95-57-8	2-Chlorophenol	ND		1000	160	
95-48-7	2-Methylphenol	ND		1000	170	
91-57-6	2-Methylnaphthalene	ND		1000	160	
88-74-4	2-Nitroaniline	ND		2000	170	
88-75-5	2-Nitrophenol	ND		1000	120	
91-94-1	3,3'-Dichlorobenzidine	ND		2000	300	
99-09-2	3-Nitroaniline	ND		2000	150	
534-52-1	4,6-Dinitro-2-methylphenol	ND		2000	230	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		1000	170	
59-50-7	4-Chloro-3-methylphenol	ND		1000	210	
106-47-8	4-Chloroaniline	ND		1000	150	
7005-72-3	4-Chlorophenyl phenyl ether	ND		1000	220	
106-44-5	4-Methylphenol	ND		2000	180	
100-01-6	4-Nitroaniline	ND		2000	150	
100-02-7	4-Nitrophenol	ND		2000	280	
83-32-9	Acenaphthene	ND		1000	190	
208-96-8	Acenaphthylene	ND		1000	200	
98-86-2	Acetophenone	ND		1000	180	
120-12-7	Anthracene	ND		1000	190	
1912-24-9	Atrazine	ND		1000	350	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3' | Lab Sample ID: 480-240063-12

Matrix: Solid | Lab File ID: V31750161.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.13(g) | Date Analyzed: 07/07/2026 05:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.3 % Solids: 81.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		1000	780
56-55-3	Benzo[a]anthracene	420	J	1000	140
50-32-8	Benzo[a]pyrene	390	J	1000	170
205-99-2	Benzo[b]fluoranthene	490	J	1000	140
191-24-2	Benzo[g,h,i]perylene	250	J	1000	180
207-08-9	Benzo[k]fluoranthene	ND		1000	230
111-91-1	Bis(2-chloroethoxy)methane	ND		1000	200
111-44-4	Bis(2-chloroethyl)ether	ND		1000	190
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1000	220
85-68-7	Butyl benzyl phthalate	ND		1000	190
105-60-2	Caprolactam	ND		1000	240
86-74-8	Carbazole	ND		1000	200
218-01-9	Chrysene	460	J	1000	250
53-70-3	Dibenz(a,h)anthracene	ND		1000	210
84-74-2	Di-n-butyl phthalate	ND		1000	230
117-84-0	Di-n-octyl phthalate	ND		1000	200
132-64-9	Dibenzofuran	ND		1000	180
84-66-2	Diethyl phthalate	ND		1000	180
131-11-3	Dimethyl phthalate	ND		1000	200
206-44-0	Fluoranthene	1100		1000	190
86-73-7	Fluorene	ND		1000	190
118-74-1	Hexachlorobenzene	ND		1000	200
87-68-3	Hexachlorobutadiene	ND		1000	150
77-47-4	Hexachlorocyclopentadiene	ND		2000	450
67-72-1	Hexachloroethane	ND		1000	190
193-39-5	Indeno[1,2,3-cd]pyrene	240	J	1000	150
78-59-1	Isophorone	ND		1000	210
621-64-7	N-Nitrosodi-n-propylamine	ND		1000	230
86-30-6	N-Nitrosodiphenylamine	ND		1000	170
91-20-3	Naphthalene	ND		1000	170
98-95-3	Nitrobenzene	ND		1000	170

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3' | Lab Sample ID: 480-240063-12

Matrix: Solid | Lab File ID: V31750161.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.13(g) | Date Analyzed: 07/07/2026 05:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.3 % Solids: 81.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		2000	330
85-01-8	Phenanthrene	790	J	1000	190
108-95-2	Phenol	ND		1000	190
129-00-0	Pyrene	760	J	1000	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	87		22-120
4165-62-2	Phenol-d5 (Surr)	84		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	84		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	79		10-140
321-60-8	2-Fluorobiphenyl (Surr)	86		29-120
367-12-4	2-Fluorophenol (Surr)	86		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3' | Lab Sample ID: 480-240063-12

Matrix: Solid | Lab File ID: V31750161.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.13(g) | Date Analyzed: 07/07/2026 05:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.3 % Solids: 81.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 6700

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	6700	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 8-10 | Lab Sample ID: 480-240063-13

Matrix: Solid | Lab File ID: V31750162.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.18(g) | Date Analyzed: 07/07/2026 05:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	37	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	40	
95-95-4	2,4,5-Trichlorophenol	ND		200	40	
88-06-2	2,4,6-Trichlorophenol	ND		200	30	
120-83-2	2,4-Dichlorophenol	ND		200	38	
105-67-9	2,4-Dimethylphenol	ND		200	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	28	
91-58-7	2-Chloronaphthalene	ND		200	36	
123-91-1	1,4-Dioxane	ND		120	43	
95-57-8	2-Chlorophenol	ND		200	31	
95-48-7	2-Methylphenol	ND		200	32	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		200	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	57	
99-09-2	3-Nitroaniline	ND		380	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	33	
59-50-7	4-Chloro-3-methylphenol	ND		200	40	
106-47-8	4-Chloroaniline	ND		200	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	41	
106-44-5	4-Methylphenol	ND		380	35	
100-01-6	4-Nitroaniline	ND		380	29	
100-02-7	4-Nitrophenol	ND		380	53	
83-32-9	Acenaphthene	ND		200	36	
208-96-8	Acenaphthylene	ND		200	38	
98-86-2	Acetophenone	ND		200	34	
120-12-7	Anthracene	ND		200	36	
1912-24-9	Atrazine	ND		200	66	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 8-10 | Lab Sample ID: 480-240063-13

Matrix: Solid | Lab File ID: V31750162.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.18(g) | Date Analyzed: 07/07/2026 05:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	ND		200	27
50-32-8	Benzo[a]pyrene	ND		200	33
205-99-2	Benzo[b]fluoranthene	ND		200	26
191-24-2	Benzo[g,h,i]perylene	ND		200	34
207-08-9	Benzo[k]fluoranthene	ND		200	44
111-91-1	Bis(2-chloroethoxy)methane	ND		200	37
111-44-4	Bis(2-chloroethyl)ether	ND		200	37
117-81-7	Bis(2-ethylhexyl) phthalate	ND		200	43
85-68-7	Butyl benzyl phthalate	ND		200	36
105-60-2	Caprolactam	ND		200	45
86-74-8	Carbazole	ND		200	38
218-01-9	Chrysene	ND		200	47
53-70-3	Dibenz(a,h)anthracene	ND		200	39
84-74-2	Di-n-butyl phthalate	ND		200	44
117-84-0	Di-n-octyl phthalate	ND		200	37
132-64-9	Dibenzofuran	ND		200	34
84-66-2	Diethyl phthalate	ND		200	35
131-11-3	Dimethyl phthalate	ND		200	38
206-44-0	Fluoranthene	ND		200	36
86-73-7	Fluorene	ND		200	36
118-74-1	Hexachlorobenzene	ND		200	38
87-68-3	Hexachlorobutadiene	ND		200	29
77-47-4	Hexachlorocyclopentadiene	ND		380	85
67-72-1	Hexachloroethane	ND		200	36
193-39-5	Indeno[1,2,3-cd]pyrene	ND		200	29
78-59-1	Isophorone	ND		200	40
621-64-7	N-Nitrosodi-n-propylamine	ND		200	44
86-30-6	N-Nitrosodiphenylamine	ND		200	33
91-20-3	Naphthalene	ND		200	32
98-95-3	Nitrobenzene	ND		200	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 8-10 | Lab Sample ID: 480-240063-13

Matrix: Solid | Lab File ID: V31750162.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.18(g) | Date Analyzed: 07/07/2026 05:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	62
85-01-8	Phenanthrene	ND		200	37
108-95-2	Phenol	ND		200	36
129-00-0	Pyrene	ND		200	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	89		22-120
4165-62-2	Phenol-d5 (Surr)	89		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	94		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	81		10-140
321-60-8	2-Fluorobiphenyl (Surr)	90		29-120
367-12-4	2-Fluorophenol (Surr)	86		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 8-10 | Lab Sample ID: 480-240063-13

Matrix: Solid | Lab File ID: V31750162.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 10:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.18(g) | Date Analyzed: 07/07/2026 05:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 4 | TIC Result Total: 12030

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~2.00~~	~~6300~~	~~T J~~	
	~~Unknown~~	~~3.49~~	~~5400~~	~~T J~~	
629-78-7	Heptadecane	10.45	160	T J N	97%
	Unknown	11.14	170	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 1-3' | Lab Sample ID: 480-240063-14

Matrix: Solid | Lab File ID: V31750163.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 08:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 06:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 10.4 % Solids: 89.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		1900	350	
108-60-1	bis (2-chloroisopropyl) ether	ND		1900	380	
95-95-4	2,4,5-Trichlorophenol	ND		1900	380	
88-06-2	2,4,6-Trichlorophenol	ND		1900	290	
120-83-2	2,4-Dichlorophenol	ND		1900	370	
105-67-9	2,4-Dimethylphenol	ND		1900	400	
51-28-5	2,4-Dinitrophenol	ND		18000	360	
121-14-2	2,4-Dinitrotoluene	ND		1900	260	
606-20-2	2,6-Dinitrotoluene	ND		1900	270	
91-58-7	2-Chloronaphthalene	ND		1900	350	
123-91-1	1,4-Dioxane	ND		1100	410	
95-57-8	2-Chlorophenol	ND		1900	290	
95-48-7	2-Methylphenol	ND		1900	300	
91-57-6	2-Methylnaphthalene	ND		1900	300	
88-74-4	2-Nitroaniline	ND		3700	320	
88-75-5	2-Nitrophenol	ND		1900	210	
91-94-1	3,3'-Dichlorobenzidine	ND		3700	550	
99-09-2	3-Nitroaniline	ND		3700	270	
534-52-1	4,6-Dinitro-2-methylphenol	ND		3700	410	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		1900	320	
59-50-7	4-Chloro-3-methylphenol	ND		1900	390	
106-47-8	4-Chloroaniline	ND		1900	270	
7005-72-3	4-Chlorophenyl phenyl ether	ND		1900	390	
106-44-5	4-Methylphenol	ND		3700	340	
100-01-6	4-Nitroaniline	ND		3700	280	
100-02-7	4-Nitrophenol	ND		3700	510	
83-32-9	Acenaphthene	ND		1900	350	
208-96-8	Acenaphthylene	ND		1900	360	
98-86-2	Acetophenone	ND		1900	330	
120-12-7	Anthracene	ND		1900	350	
1912-24-9	Atrazine	ND		1900	640	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 1-3' | Lab Sample ID: 480-240063-14

Matrix: Solid | Lab File ID: V31750163.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 08:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 06:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 10.4 % Solids: 89.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		1900	1400
56-55-3	Benzo[a]anthracene	610	J	1900	260
50-32-8	Benzo[a]pyrene	680	J	1900	320
205-99-2	Benzo[b]fluoranthene	940	J	1900	250
191-24-2	Benzo[g,h,i]perylene	470	J	1900	330
207-08-9	Benzo[k]fluoranthene	ND		1900	420
111-91-1	Bis(2-chloroethoxy)methane	ND		1900	360
111-44-4	Bis(2-chloroethyl)ether	ND		1900	350
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1900	410
85-68-7	Butyl benzyl phthalate	ND		1900	350
105-60-2	Caprolactam	ND		1900	430
86-74-8	Carbazole	ND		1900	370
218-01-9	Chrysene	680	J	1900	450
53-70-3	Dibenz(a,h)anthracene	ND		1900	380
84-74-2	Di-n-butyl phthalate	ND		1900	420
117-84-0	Di-n-octyl phthalate	ND		1900	360
132-64-9	Dibenzofuran	ND		1900	330
84-66-2	Diethyl phthalate	ND		1900	340
131-11-3	Dimethyl phthalate	ND		1900	360
206-44-0	Fluoranthene	1300	J	1900	340
86-73-7	Fluorene	ND		1900	340
118-74-1	Hexachlorobenzene	ND		1900	360
87-68-3	Hexachlorobutadiene	ND		1900	280
77-47-4	Hexachlorocyclopentadiene	ND		3700	820
67-72-1	Hexachloroethane	ND		1900	340
193-39-5	Indeno[1,2,3-cd]pyrene	420	J	1900	280
78-59-1	Isophorone	ND		1900	390
621-64-7	N-Nitrosodi-n-propylamine	ND		1900	420
86-30-6	N-Nitrosodiphenylamine	ND		1900	310
91-20-3	Naphthalene	ND		1900	310
98-95-3	Nitrobenzene	ND		1900	320

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 1-3' | Lab Sample ID: 480-240063-14

Matrix: Solid | Lab File ID: V31750163.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 08:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 06:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 10.4 % Solids: 89.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		3700	600
85-01-8	Phenanthrene	490	J	1900	350
108-95-2	Phenol	ND		1900	340
129-00-0	Pyrene	810	J	1900	360

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	81		22-120
4165-62-2	Phenol-d5 (Surr)	73		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	64		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	78		10-140
321-60-8	2-Fluorobiphenyl (Surr)	78		29-120
367-12-4	2-Fluorophenol (Surr)	80		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 1-3' | Lab Sample ID: 480-240063-14

Matrix: Solid | Lab File ID: V31750163.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 08:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 06:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 10.4 % Solids: 89.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 5500

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.50	5500	T,J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 4-6' | Lab Sample ID: 480-240063-15

Matrix: Solid | Lab File ID: V31750164.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 08:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 06:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.7 % Solids: 86.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		200	37	
108-60-1	bis (2-chloroisopropyl) ether	ND		200	40	
95-95-4	2,4,5-Trichlorophenol	ND		200	40	
88-06-2	2,4,6-Trichlorophenol	ND		200	30	
120-83-2	2,4-Dichlorophenol	ND		200	38	
105-67-9	2,4-Dimethylphenol	ND		200	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	
121-14-2	2,4-Dinitrotoluene	ND		200	27	
606-20-2	2,6-Dinitrotoluene	ND		200	28	
91-58-7	2-Chloronaphthalene	ND		200	36	
123-91-1	1,4-Dioxane	ND		120	43	
95-57-8	2-Chlorophenol	ND		200	31	
95-48-7	2-Methylphenol	ND		200	32	
91-57-6	2-Methylnaphthalene	ND		200	31	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		200	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	57	
99-09-2	3-Nitroaniline	ND		380	28	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		200	33	
59-50-7	4-Chloro-3-methylphenol	ND		200	40	
106-47-8	4-Chloroaniline	ND		200	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		200	41	
106-44-5	4-Methylphenol	ND		380	35	
100-01-6	4-Nitroaniline	ND		380	29	
100-02-7	4-Nitrophenol	ND		380	53	
83-32-9	Acenaphthene	ND		200	36	
208-96-8	Acenaphthylene	ND		200	37	
98-86-2	Acetophenone	ND		200	34	
120-12-7	Anthracene	ND		200	36	
1912-24-9	Atrazine	ND		200	66	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 4-6' | Lab Sample ID: 480-240063-15

Matrix: Solid | Lab File ID: V31750164.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 08:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 06:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.7 % Solids: 86.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		200	150
56-55-3	Benzo[a]anthracene	ND		200	27
50-32-8	Benzo[a]pyrene	ND		200	33
205-99-2	Benzo[b]fluoranthene	ND		200	26
191-24-2	Benzo[g,h,i]perylene	ND		200	34
207-08-9	Benzo[k]fluoranthene	ND		200	44
111-91-1	Bis(2-chloroethoxy)methane	ND		200	37
111-44-4	Bis(2-chloroethyl)ether	ND		200	37
117-81-7	Bis(2-ethylhexyl) phthalate	ND		200	42
85-68-7	Butyl benzyl phthalate	ND		200	36
105-60-2	Caprolactam	ND		200	45
86-74-8	Carbazole	ND		200	38
218-01-9	Chrysene	ND		200	47
53-70-3	Dibenz(a,h)anthracene	ND		200	39
84-74-2	Di-n-butyl phthalate	ND		200	44
117-84-0	Di-n-octyl phthalate	ND		200	37
132-64-9	Dibenzofuran	ND		200	34
84-66-2	Diethyl phthalate	ND		200	35
131-11-3	Dimethyl phthalate	ND		200	38
206-44-0	Fluoranthene	ND		200	36
86-73-7	Fluorene	ND		200	36
118-74-1	Hexachlorobenzene	ND		200	38
87-68-3	Hexachlorobutadiene	ND		200	29
77-47-4	Hexachlorocyclopentadiene	ND		380	85
67-72-1	Hexachloroethane	ND		200	36
193-39-5	Indeno[1,2,3-cd]pyrene	ND		200	29
78-59-1	Isophorone	ND		200	40
621-64-7	N-Nitrosodi-n-propylamine	ND		200	44
86-30-6	N-Nitrosodiphenylamine	ND		200	33
91-20-3	Naphthalene	ND		200	32
98-95-3	Nitrobenzene	ND		200	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 4-6' | Lab Sample ID: 480-240063-15

Matrix: Solid | Lab File ID: V31750164.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 08:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 06:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.7 % Solids: 86.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	62
85-01-8	Phenanthrene	ND		200	37
108-95-2	Phenol	ND		200	36
129-00-0	Pyrene	ND		200	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	81		22-120
4165-62-2	Phenol-d5 (Surr)	80		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	87		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	77		10-140
321-60-8	2-Fluorobiphenyl (Surr)	81		29-120
367-12-4	2-Fluorophenol (Surr)	76		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 4-6' | Lab Sample ID: 480-240063-15

Matrix: Solid | Lab File ID: V31750164.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 08:45

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.06(g) | Date Analyzed: 07/07/2026 06:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.7 % Solids: 86.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 2 | TIC Result Total: 12200

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~2.00~~	~~6400~~	~~T J~~	
	~~Unknown~~	~~3.49~~	~~5800~~	~~T J~~	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3' | Lab Sample ID: 480-240063-16

Matrix: Solid | Lab File ID: V31750165.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 09:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.20(g) | Date Analyzed: 07/07/2026 07:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.1 % Solids: 83.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		2000	370	
108-60-1	bis (2-chloroisopropyl) ether	ND		2000	410	
95-95-4	2,4,5-Trichlorophenol	ND		2000	400	
88-06-2	2,4,6-Trichlorophenol	ND		2000	300	
120-83-2	2,4-Dichlorophenol	ND		2000	390	
105-67-9	2,4-Dimethylphenol	ND		2000	420	
51-28-5	2,4-Dinitrophenol	ND		20000	380	
121-14-2	2,4-Dinitrotoluene	ND		2000	270	
606-20-2	2,6-Dinitrotoluene	ND		2000	280	
91-58-7	2-Chloronaphthalene	ND		2000	370	
123-91-1	1,4-Dioxane	ND		1200	440	
95-57-8	2-Chlorophenol	ND		2000	310	
95-48-7	2-Methylphenol	ND		2000	320	
91-57-6	2-Methylnaphthalene	ND		2000	310	
88-74-4	2-Nitroaniline	ND		3900	340	
88-75-5	2-Nitrophenol	ND		2000	230	
91-94-1	3,3'-Dichlorobenzidine	ND		3900	580	
99-09-2	3-Nitroaniline	ND		3900	280	
534-52-1	4,6-Dinitro-2-methylphenol	ND		3900	440	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		2000	340	
59-50-7	4-Chloro-3-methylphenol	ND		2000	410	
106-47-8	4-Chloroaniline	ND		2000	290	
7005-72-3	4-Chlorophenyl phenyl ether	ND		2000	420	
106-44-5	4-Methylphenol	ND		3900	360	
100-01-6	4-Nitroaniline	ND		3900	290	
100-02-7	4-Nitrophenol	ND		3900	540	
83-32-9	Acenaphthene	ND		2000	370	
208-96-8	Acenaphthylene	ND		2000	380	
98-86-2	Acetophenone	ND		2000	350	
120-12-7	Anthracene	ND		2000	370	
1912-24-9	Atrazine	ND		2000	670	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3' | Lab Sample ID: 480-240063-16

Matrix: Solid | Lab File ID: V31750165.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 09:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.20(g) | Date Analyzed: 07/07/2026 07:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.1 % Solids: 83.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		2000	1500
56-55-3	Benzo[a]anthracene	570	J	2000	270
50-32-8	Benzo[a]pyrene	650	J	2000	340
205-99-2	Benzo[b]fluoranthene	1000	J	2000	270
191-24-2	Benzo[g,h,i]perylene	510	J	2000	350
207-08-9	Benzo[k]fluoranthene	ND		2000	450
111-91-1	Bis(2-chloroethoxy)methane	ND		2000	380
111-44-4	Bis(2-chloroethyl)ether	ND		2000	380
117-81-7	Bis(2-ethylhexyl) phthalate	ND		2000	430
85-68-7	Butyl benzyl phthalate	ND		2000	370
105-60-2	Caprolactam	ND		2000	460
86-74-8	Carbazole	ND		2000	390
218-01-9	Chrysene	830	J	2000	480
53-70-3	Dibenz(a,h)anthracene	ND		2000	400
84-74-2	Di-n-butyl phthalate	ND		2000	450
117-84-0	Di-n-octyl phthalate	ND		2000	380
132-64-9	Dibenzofuran	ND		2000	350
84-66-2	Diethyl phthalate	ND		2000	360
131-11-3	Dimethyl phthalate	ND		2000	380
206-44-0	Fluoranthene	2700		2000	360
86-73-7	Fluorene	ND		2000	360
118-74-1	Hexachlorobenzene	ND		2000	380
87-68-3	Hexachlorobutadiene	ND		2000	300
77-47-4	Hexachlorocyclopentadiene	ND		3900	870
67-72-1	Hexachloroethane	ND		2000	360
193-39-5	Indeno[1,2,3-cd]pyrene	530	J	2000	300
78-59-1	Isophorone	ND		2000	410
621-64-7	N-Nitrosodi-n-propylamine	ND		2000	450
86-30-6	N-Nitrosodiphenylamine	ND		2000	330
91-20-3	Naphthalene	ND		2000	330
98-95-3	Nitrobenzene	ND		2000	330

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3' | Lab Sample ID: 480-240063-16

Matrix: Solid | Lab File ID: V31750165.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 09:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.20(g) | Date Analyzed: 07/07/2026 07:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.1 % Solids: 83.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		3900	630
85-01-8	Phenanthrene	1700	J	2000	370
108-95-2	Phenol	ND		2000	360
129-00-0	Pyrene	1600	J	2000	380

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	91		22-120
4165-62-2	Phenol-d5 (Surr)	84		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	81		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	87		10-140
321-60-8	2-Fluorobiphenyl (Surr)	84		29-120
367-12-4	2-Fluorophenol (Surr)	91		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3' | Lab Sample ID: 480-240063-16

Matrix: Solid | Lab File ID: V31750165.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 09:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.20(g) | Date Analyzed: 07/07/2026 07:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.1 % Solids: 83.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 5200

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~3.50~~	~~5200~~	~~T J~~	

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GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 4-6' | Lab Sample ID: 480-240063-17

Matrix: Solid | Lab File ID: V31750166.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 09:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.13(g) | Date Analyzed: 07/07/2026 07:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.5 % Solids: 86.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		190	36	
108-60-1	bis (2-chloroisopropyl) ether	ND		190	40	
95-95-4	2,4,5-Trichlorophenol	ND		190	39	
88-06-2	2,4,6-Trichlorophenol	ND		190	29	
120-83-2	2,4-Dichlorophenol	ND		190	38	
105-67-9	2,4-Dimethylphenol	ND		190	41	
51-28-5	2,4-Dinitrophenol	ND		1900	37	
121-14-2	2,4-Dinitrotoluene	ND		190	26	
606-20-2	2,6-Dinitrotoluene	ND		190	28	
91-58-7	2-Chloronaphthalene	ND		190	36	
123-91-1	1,4-Dioxane	ND		110	43	
95-57-8	2-Chlorophenol	ND		190	30	
95-48-7	2-Methylphenol	ND		190	31	
91-57-6	2-Methylnaphthalene	ND		190	30	
88-74-4	2-Nitroaniline	ND		380	33	
88-75-5	2-Nitrophenol	ND		190	22	
91-94-1	3,3'-Dichlorobenzidine	ND		380	57	
99-09-2	3-Nitroaniline	ND		380	27	
534-52-1	4,6-Dinitro-2-methylphenol	ND		380	43	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		190	33	
59-50-7	4-Chloro-3-methylphenol	ND		190	40	
106-47-8	4-Chloroaniline	ND		190	28	
7005-72-3	4-Chlorophenyl phenyl ether	ND		190	41	
106-44-5	4-Methylphenol	ND		380	35	
100-01-6	4-Nitroaniline	ND		380	28	
100-02-7	4-Nitrophenol	ND		380	53	
83-32-9	Acenaphthene	ND		190	36	
208-96-8	Acenaphthylene	ND		190	37	
98-86-2	Acetophenone	ND		190	34	
120-12-7	Anthracene	ND		190	36	
1912-24-9	Atrazine	ND		190	66	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 4-6' | Lab Sample ID: 480-240063-17

Matrix: Solid | Lab File ID: V31750166.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 09:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.13(g) | Date Analyzed: 07/07/2026 07:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.5 % Solids: 86.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		190	150
56-55-3	Benzo[a]anthracene	ND		190	27
50-32-8	Benzo[a]pyrene	ND		190	33
205-99-2	Benzo[b]fluoranthene	ND		190	26
191-24-2	Benzo[g,h,i]perylene	ND		190	34
207-08-9	Benzo[k]fluoranthene	ND		190	43
111-91-1	Bis(2-chloroethoxy)methane	ND		190	37
111-44-4	Bis(2-chloroethyl)ether	ND		190	37
117-81-7	Bis(2-ethylhexyl) phthalate	ND		190	42
85-68-7	Butyl benzyl phthalate	ND		190	36
105-60-2	Caprolactam	ND		190	45
86-74-8	Carbazole	ND		190	38
218-01-9	Chrysene	ND		190	47
53-70-3	Dibenz(a,h)anthracene	ND		190	39
84-74-2	Di-n-butyl phthalate	ND		190	43
117-84-0	Di-n-octyl phthalate	ND		190	37
132-64-9	Dibenzofuran	ND		190	34
84-66-2	Diethyl phthalate	ND		190	35
131-11-3	Dimethyl phthalate	ND		190	37
206-44-0	Fluoranthene	ND		190	35
86-73-7	Fluorene	ND		190	36
118-74-1	Hexachlorobenzene	ND		190	37
87-68-3	Hexachlorobutadiene	ND		190	29
77-47-4	Hexachlorocyclopentadiene	ND		380	85
67-72-1	Hexachloroethane	ND		190	35
193-39-5	Indeno[1,2,3-cd]pyrene	ND		190	29
78-59-1	Isophorone	ND		190	40
621-64-7	N-Nitrosodi-n-propylamine	ND		190	43
86-30-6	N-Nitrosodiphenylamine	ND		190	32
91-20-3	Naphthalene	ND		190	32
98-95-3	Nitrobenzene	ND		190	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 4-6' | Lab Sample ID: 480-240063-17

Matrix: Solid | Lab File ID: V31750166.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 09:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.13(g) | Date Analyzed: 07/07/2026 07:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.5 % Solids: 86.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		380	62
85-01-8	Phenanthrene	ND		190	36
108-95-2	Phenol	ND		190	35
129-00-0	Pyrene	ND		190	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	97		22-120
4165-62-2	Phenol-d5 (Surr)	93		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	99		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	92		10-140
321-60-8	2-Fluorobiphenyl (Surr)	97		29-120
367-12-4	2-Fluorophenol (Surr)	91		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 4-6' | Lab Sample ID: 480-240063-17

Matrix: Solid | Lab File ID: V31750166.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 09:15

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.13(g) | Date Analyzed: 07/07/2026 07:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.5 % Solids: 86.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 12 | TIC Result Total: 13890

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~2.00~~	~~6400~~	~~T J~~	
	~~Unknown~~	~~3.49~~	~~5400~~	~~T J~~	
544-76-3	Hexadecane	9.93	210	T J N	94%
629-78-7	Heptadecane	10.45	320	T J N	98%
593-45-3	Octadecane	10.91	250	T J N	94%
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	11.33	240	T J N	86%
112-95-8	Eicosane	11.71	210	T J N	97%
629-94-7	Heneicosane	12.06	190	T J N	98%
629-97-0	Docosane	12.38	170	T J N	93%
629-92-5	Nonadecane	12.69	160	T J N	96%
629-99-2	Pentacosane	13.26	180	T J N	90%
593-49-7	Heptacosane	13.79	160	T J N	94%

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GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 1-3' | Lab Sample ID: 480-240063-18

Matrix: Solid | Lab File ID: V31750167.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.29(g) | Date Analyzed: 07/07/2026 07:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.7 % Solids: 83.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		1000	190	
108-60-1	bis (2-chloroisopropyl) ether	ND		1000	200	
95-95-4	2,4,5-Trichlorophenol	ND		1000	200	
88-06-2	2,4,6-Trichlorophenol	ND		1000	150	
120-83-2	2,4-Dichlorophenol	ND		1000	190	
105-67-9	2,4-Dimethylphenol	ND		1000	210	
51-28-5	2,4-Dinitrophenol	ND		9800	190	
121-14-2	2,4-Dinitrotoluene	ND		1000	140	
606-20-2	2,6-Dinitrotoluene	ND		1000	140	
91-58-7	2-Chloronaphthalene	ND		1000	190	
123-91-1	1,4-Dioxane	ND		590	220	
95-57-8	2-Chlorophenol	ND		1000	160	
95-48-7	2-Methylphenol	ND		1000	160	
91-57-6	2-Methylnaphthalene	ND		1000	160	
88-74-4	2-Nitroaniline	ND		1900	170	
88-75-5	2-Nitrophenol	ND		1000	110	
91-94-1	3,3'-Dichlorobenzidine	ND		1900	290	
99-09-2	3-Nitroaniline	ND		1900	140	
534-52-1	4,6-Dinitro-2-methylphenol	ND		1900	220	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		1000	170	
59-50-7	4-Chloro-3-methylphenol	ND		1000	200	
106-47-8	4-Chloroaniline	ND		1000	140	
7005-72-3	4-Chlorophenyl phenyl ether	ND		1000	210	
106-44-5	4-Methylphenol	ND		1900	180	
100-01-6	4-Nitroaniline	ND		1900	150	
100-02-7	4-Nitrophenol	ND		1900	270	
83-32-9	Acenaphthene	ND		1000	180	
208-96-8	Acenaphthylene	ND		1000	190	
98-86-2	Acetophenone	ND		1000	180	
120-12-7	Anthracene	390	J	1000	180	
1912-24-9	Atrazine	ND		1000	340	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 1-3' | Lab Sample ID: 480-240063-18

Matrix: Solid | Lab File ID: V31750167.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.29(g) | Date Analyzed: 07/07/2026 07:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.7 % Solids: 83.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		1000	760
56-55-3	Benzo[a]anthracene	1100		1000	140
50-32-8	Benzo[a]pyrene	1000		1000	170
205-99-2	Benzo[b]fluoranthene	1300		1000	130
191-24-2	Benzo[g,h,i]perylene	570	J	1000	170
207-08-9	Benzo[k]fluoranthene	560	J	1000	220
111-91-1	Bis(2-chloroethoxy)methane	ND		1000	190
111-44-4	Bis(2-chloroethyl)ether	ND		1000	190
117-81-7	Bis(2-ethylhexyl) phthalate	ND		1000	220
85-68-7	Butyl benzyl phthalate	ND		1000	180
105-60-2	Caprolactam	ND		1000	230
86-74-8	Carbazole	ND		1000	200
218-01-9	Chrysene	1100		1000	240
53-70-3	Dibenz(a,h)anthracene	200	J	1000	200
84-74-2	Di-n-butyl phthalate	ND		1000	220
117-84-0	Di-n-octyl phthalate	ND		1000	190
132-64-9	Dibenzofuran	ND		1000	180
84-66-2	Diethyl phthalate	ND		1000	180
131-11-3	Dimethyl phthalate	ND		1000	190
206-44-0	Fluoranthene	2400		1000	180
86-73-7	Fluorene	ND		1000	180
118-74-1	Hexachlorobenzene	ND		1000	190
87-68-3	Hexachlorobutadiene	ND		1000	150
77-47-4	Hexachlorocyclopentadiene	ND		1900	440
67-72-1	Hexachloroethane	ND		1000	180
193-39-5	Indeno[1,2,3-cd]pyrene	560	J	1000	150
78-59-1	Isophorone	ND		1000	200
621-64-7	N-Nitrosodi-n-propylamine	ND		1000	220
86-30-6	N-Nitrosodiphenylamine	ND		1000	170
91-20-3	Naphthalene	ND		1000	170
98-95-3	Nitrobenzene	ND		1000	170

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 1-3' | Lab Sample ID: 480-240063-18

Matrix: Solid | Lab File ID: V31750167.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.29(g) | Date Analyzed: 07/07/2026 07:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.7 % Solids: 83.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		1900	320
85-01-8	Phenanthrene	1400		1000	190
108-95-2	Phenol	ND		1000	180
129-00-0	Pyrene	1800		1000	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	86		22-120
4165-62-2	Phenol-d5 (Surr)	78		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	83		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	80		10-140
321-60-8	2-Fluorobiphenyl (Surr)	81		29-120
367-12-4	2-Fluorophenol (Surr)	82		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 1-3' | Lab Sample ID: 480-240063-18

Matrix: Solid | Lab File ID: V31750167.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.29(g) | Date Analyzed: 07/07/2026 07:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 16.7 % Solids: 83.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 2 | TIC Result Total: 6220

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	~~Unknown~~	~~3.49~~	~~5400~~	~~T J~~	
205-82-3	Benzo[j]fluoranthene	14.44	820	T J N	95%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6' | Lab Sample ID: 480-240063-19

Matrix: Solid | Lab File ID: V31750168.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.23(g) | Date Analyzed: 07/07/2026 08:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		990	190	
108-60-1	bis (2-chloroisopropyl) ether	ND		990	200	
95-95-4	2,4,5-Trichlorophenol	ND		990	200	
88-06-2	2,4,6-Trichlorophenol	ND		990	150	
120-83-2	2,4-Dichlorophenol	ND		990	190	
105-67-9	2,4-Dimethylphenol	ND		990	210	
51-28-5	2,4-Dinitrophenol	ND		9700	190	
121-14-2	2,4-Dinitrotoluene	ND		990	130	
606-20-2	2,6-Dinitrotoluene	ND		990	140	
91-58-7	2-Chloronaphthalene	ND		990	180	
123-91-1	1,4-Dioxane	ND		580	220	
95-57-8	2-Chlorophenol	ND		990	150	
95-48-7	2-Methylphenol	ND		990	160	
91-57-6	2-Methylnaphthalene	ND		990	160	
88-74-4	2-Nitroaniline	ND		1900	170	
88-75-5	2-Nitrophenol	ND		990	110	
91-94-1	3,3'-Dichlorobenzidine	ND		1900	290	
99-09-2	3-Nitroaniline	ND		1900	140	
534-52-1	4,6-Dinitro-2-methylphenol	ND		1900	220	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		990	170	
59-50-7	4-Chloro-3-methylphenol	ND		990	200	
106-47-8	4-Chloroaniline	ND		990	140	
7005-72-3	4-Chlorophenyl phenyl ether	ND		990	210	
106-44-5	4-Methylphenol	ND		1900	180	
100-01-6	4-Nitroaniline	ND		1900	140	
100-02-7	4-Nitrophenol	ND		1900	270	
83-32-9	Acenaphthene	240	J	990	180	
208-96-8	Acenaphthylene	1400		990	190	
98-86-2	Acetophenone	ND		990	170	
120-12-7	Anthracene	3600		990	180	
1912-24-9	Atrazine	ND		990	330	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6' | Lab Sample ID: 480-240063-19

Matrix: Solid | Lab File ID: V31750168.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.23(g) | Date Analyzed: 07/07/2026 08:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		990	750
56-55-3	Benzo[a]anthracene	6600		990	140
50-32-8	Benzo[a]pyrene	4700		990	170
205-99-2	Benzo[b]fluoranthene	5300		990	130
191-24-2	Benzo[g,h,i]perylene	2000		990	170
207-08-9	Benzo[k]fluoranthene	3100		990	220
111-91-1	Bis(2-chloroethoxy)methane	ND		990	190
111-44-4	Bis(2-chloroethyl)ether	ND		990	190
117-81-7	Bis(2-ethylhexyl) phthalate	ND		990	210
85-68-7	Butyl benzyl phthalate	ND		990	180
105-60-2	Caprolactam	ND		990	230
86-74-8	Carbazole	260	J	990	190
218-01-9	Chrysene	6100		990	240
53-70-3	Dibenz(a,h)anthracene	740	J	990	200
84-74-2	Di-n-butyl phthalate	ND		990	220
117-84-0	Di-n-octyl phthalate	ND		990	190
132-64-9	Dibenzofuran	700	J	990	170
84-66-2	Diethyl phthalate	ND		990	180
131-11-3	Dimethyl phthalate	ND		990	190
206-44-0	Fluoranthene	15000		990	180
86-73-7	Fluorene	1500		990	180
118-74-1	Hexachlorobenzene	ND		990	190
87-68-3	Hexachlorobutadiene	ND		990	150
77-47-4	Hexachlorocyclopentadiene	ND		1900	430
67-72-1	Hexachloroethane	ND		990	180
193-39-5	Indeno[1,2,3-cd]pyrene	2200		990	150
78-59-1	Isophorone	ND		990	200
621-64-7	N-Nitrosodi-n-propylamine	ND		990	220
86-30-6	N-Nitrosodiphenylamine	ND		990	170
91-20-3	Naphthalene	160	J	990	160
98-95-3	Nitrobenzene	ND		990	170

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6' | Lab Sample ID: 480-240063-19

Matrix: Solid | Lab File ID: V31750168.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.23(g) | Date Analyzed: 07/07/2026 08:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		1900	310
85-01-8	Phenanthrene	13000		990	190
108-95-2	Phenol	ND		990	180
129-00-0	Pyrene	11000		990	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	87		22-120
4165-62-2	Phenol-d5 (Surr)	83		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	83		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	74		10-140
321-60-8	2-Fluorobiphenyl (Surr)	84		29-120
367-12-4	2-Fluorophenol (Surr)	82		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6' | Lab Sample ID: 480-240063-19

Matrix: Solid | Lab File ID: V31750168.d

Analysis Method: EPA 8270E | Date Collected: 07/01/2026 12:00

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15.23(g) | Date Analyzed: 07/07/2026 08:23

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779904 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 16 | TIC Result Total: 32730

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	6100	T J	
7320-53-8	Dibenzofuran, 4-methyl-	10.16	1000	T J N	95%
610-48-0	Anthracene, 1-methyl-	11.46	2200	T J N	93%
2531-84-2	Phenanthrene, 2-methyl-	11.49	3300	T J N	95%
613-12-7	Anthracene, 2-methyl-	11.53	1400	T J N	97%
	Unknown	11.56	3400	T J	
832-69-9	Phenanthrene, 1-methyl-	11.59	2000	T J N	97%
35465-71-5	2-Phenylnaphthalene	11.75	2100	T J N	89%
3674-65-5	Phenanthrene, 2,3-dimethyl-	11.98	1500	T J N	94%
2381-21-7	Pyrene, 1-methyl-	12.52	790	T J N	96%
243-17-4	11H-Benzo[b]fluorene	12.61	1400	T J N	96%
1705-84-6	Triphenylene, 2-methyl-	13.70	960	T J N	93%
192-97-2	Benzo[e]pyrene	14.31	1300	T J N	94%
198-55-0	Perylene	14.44	3200	T J N	95%
213-46-7	1,2:7,8-Dibenzophenanthrene	15.61	880	T J N	97%
1223-31-0	di(p-Nitrophenyl) sulfide	15.88	1200	T J N	95%

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Method 8081B

Organochlorine Pesticides (GC) by Method 8081B

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3' | Lab Sample ID: 480-240063-1

Matrix: Solid | Lab File ID: 5_90235.D

Analysis Method: 8081B | Date Collected: 07/01/2026 12:45

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.26(g) | Date Analyzed: 07/07/2026 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 10.6 % Solids: 89.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	1.6	J	3.7	0.71	
72-55-9	4,4'-DDE	5.3		3.7	0.77	
50-29-3	4,4'-DDT	4.5		3.7	0.86	J
319-85-7	beta-BHC	ND		3.7	0.66	
5103-71-9	cis-Chlordane	ND		3.7	1.8	
319-84-6	alpha-BHC	0.86	J	3.7	0.66	
309-00-2	Aldrin	ND		3.7	0.90	
319-86-8	delta-BHC	ND		3.7	0.68	
60-57-1	Dieldrin	ND		3.7	0.88	
959-98-8	Endosulfan I	ND		3.7	0.70	
33213-65-9	Endosulfan II	ND		3.7	0.66	
1031-07-8	Endosulfan sulfate	ND		3.7	0.68	
72-20-8	Endrin	ND		3.7	0.73	
7421-93-4	Endrin aldehyde	ND		3.7	0.94	
53494-70-5	Endrin ketone	ND		3.7	0.90	
58-89-9	gamma-BHC (Lindane)	ND		3.7	0.67	
5103-74-2	trans-Chlordane	ND		3.7	1.2	
76-44-8	Heptachlor	ND		3.7	0.79	
1024-57-3	Heptachlor epoxide	ND		3.7	0.95	
72-43-5	Methoxychlor	1.5	J	3.7	0.75	NJ
8001-35-2	Toxaphene	ND		37	21	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		45-120
877-09-8	Tetrachloro-m-xylene	64		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-4 1-3' | Lab Sample ID: 480-240063-2

Matrix: Solid | Lab File ID: 5_90234.D

Analysis Method: 8081B | Date Collected: 07/01/2026 12:15

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.17(g) | Date Analyzed: 07/07/2026 15:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 14.0 % Solids: 86.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND	F2	3.8	0.74	
72-55-9	4,4'-DDE	ND	F2	3.8	0.80	
50-29-3	4,4'-DDT	ND	F2	3.8	0.90	
319-85-7	beta-BHC	ND	F2	3.8	0.69	
5103-71-9	cis-Chlordane	ND		3.8	1.9	
319-84-6	alpha-BHC	ND	F2	3.8	0.69	
309-00-2	Aldrin	ND	F2	3.8	0.94	
319-86-8	delta-BHC	ND	F2	3.8	0.71	
60-57-1	Dieldrin	ND	F2	3.8	0.92	
959-98-8	Endosulfan I	ND	F2	3.8	0.74	
33213-65-9	Endosulfan II	ND	F1 F2	3.8	0.69	UJ
1031-07-8	Endosulfan sulfate	ND	F2	3.8	0.71	
72-20-8	Endrin	ND		3.8	0.76	
7421-93-4	Endrin aldehyde	ND	F1 F2	3.8	0.98	UJ
53494-70-5	Endrin ketone	ND	F1 F2	3.8	0.94	UJ
58-89-9	gamma-BHC (Lindane)	ND	F1 F2	3.8	0.70	UJ
5103-74-2	trans-Chlordane	ND	F2	3.8	1.2	
76-44-8	Heptachlor	ND		3.8	0.83	
1024-57-3	Heptachlor epoxide	ND		3.8	0.99	
72-43-5	Methoxychlor	ND	F1 F2	3.8	0.78	UJ
8001-35-2	Toxaphene	ND		38	22	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		45-120
877-09-8	Tetrachloro-m-xylene	88		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3' | Lab Sample ID: 480-240063-3

Matrix: Solid | Lab File ID: 5_90236.D

Analysis Method: 8081B | Date Collected: 07/01/2026 11:30

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.33(g) | Date Analyzed: 07/07/2026 16:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 19.7 % Solids: 80.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	2.6	J	4.1	0.79	
72-55-9	4,4'-DDE	1.1	J	4.1	0.85	J
319-85-7	beta-BHC	ND		4.1	0.73	
5103-71-9	cis-Chlordane	ND		4.1	2.0	
319-84-6	alpha-BHC	ND		4.1	0.73	
309-00-2	Aldrin	ND		4.1	1.0	
319-86-8	delta-BHC	ND		4.1	0.76	
60-57-1	Dieldrin	ND		4.1	0.97	
959-98-8	Endosulfan I	ND		4.1	0.78	
33213-65-9	Endosulfan II	ND		4.1	0.73	
1031-07-8	Endosulfan sulfate	ND		4.1	0.76	
72-20-8	Endrin	ND		4.1	0.80	
7421-93-4	Endrin aldehyde	ND		4.1	1.0	
53494-70-5	Endrin ketone	ND		4.1	1.0	
58-89-9	gamma-BHC (Lindane)	ND		4.1	0.75	
5103-74-2	trans-Chlordane	ND		4.1	1.3	
76-44-8	Heptachlor	ND		4.1	0.88	
1024-57-3	Heptachlor epoxide	ND		4.1	1.0	
72-43-5	Methoxychlor	ND		4.1	0.83	
8001-35-2	Toxaphene	ND		41	24	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	49		45-120
877-09-8	Tetrachloro-m-xylene	62		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3' | Lab Sample ID: 480-240063-3

Matrix: Solid | Lab File ID: 5_90236.D

Analysis Method: 8081B | Date Collected: 07/01/2026 11:30

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.33(g) | Date Analyzed: 07/07/2026 16:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: 19.7 % Solids: 80.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
50-29-3	4,4'-DDT	2.3	J	4.1	0.95	J

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	61		45-120
877-09-8	Tetrachloro-m-xylene	48		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-10 1-3' | Lab Sample ID: 480-240063-4

Matrix: Solid | Lab File ID: 5_90237.D

Analysis Method: 8081B | Date Collected: 07/01/2026 11:00

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.28(g) | Date Analyzed: 07/07/2026 16:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 14.3 % Solids: 85.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		76	15	
72-55-9	4,4'-DDE	ND		76	16	
50-29-3	4,4'-DDT	ND		76	18	
319-85-7	beta-BHC	ND		76	14	
5103-71-9	cis-Chlordane	ND		76	38	
319-84-6	alpha-BHC	ND		76	14	
309-00-2	Aldrin	ND		76	19	
319-86-8	delta-BHC	ND		76	14	
60-57-1	Dieldrin	ND		76	18	
959-98-8	Endosulfan I	ND		76	15	
33213-65-9	Endosulfan II	ND		76	14	
1031-07-8	Endosulfan sulfate	ND		76	14	
72-20-8	Endrin	ND		76	15	
7421-93-4	Endrin aldehyde	ND		76	20	
53494-70-5	Endrin ketone	ND		76	19	
58-89-9	gamma-BHC (Lindane)	ND		76	14	
5103-74-2	trans-Chlordane	ND		76	24	
76-44-8	Heptachlor	ND		76	17	
1024-57-3	Heptachlor epoxide	ND		76	20	
72-43-5	Methoxychlor	ND		76	16	
8001-35-2	Toxaphene	ND		760	440	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	142	S1+	45-120
877-09-8	Tetrachloro-m-xylene	182	S1+	30-124

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Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-11 1-3' | Lab Sample ID: 480-240063-5

Matrix: Solid | Lab File ID: 5_90238.D

Analysis Method: 8081B | Date Collected: 07/01/2026 11:15

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.25(g) | Date Analyzed: 07/07/2026 17:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 12.0 % Solids: 88.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.7	0.72	
72-55-9	4,4'-DDE	ND		3.7	0.78	
50-29-3	4,4'-DDT	ND		3.7	0.87	
319-85-7	beta-BHC	ND		3.7	0.67	
5103-71-9	cis-Chlordane	ND		3.7	1.9	
319-84-6	alpha-BHC	ND		3.7	0.67	
309-00-2	Aldrin	ND		3.7	0.92	
319-86-8	delta-BHC	ND		3.7	0.69	
60-57-1	Dieldrin	ND		3.7	0.89	
959-98-8	Endosulfan I	ND		3.7	0.72	
33213-65-9	Endosulfan II	ND		3.7	0.67	
1031-07-8	Endosulfan sulfate	ND		3.7	0.70	
72-20-8	Endrin	ND		3.7	0.74	
7421-93-4	Endrin aldehyde	ND		3.7	0.95	
53494-70-5	Endrin ketone	ND		3.7	0.92	
58-89-9	gamma-BHC (Lindane)	ND		3.7	0.68	
5103-74-2	trans-Chlordane	ND		3.7	1.2	
76-44-8	Heptachlor	ND		3.7	0.81	
1024-57-3	Heptachlor epoxide	ND		3.7	0.96	
72-43-5	Methoxychlor	ND		3.7	0.76	
8001-35-2	Toxaphene	ND		37	22	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		45-120
877-09-8	Tetrachloro-m-xylene	78		30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 8-10' | Lab Sample ID: 480-240063-7

Matrix: Solid | Lab File ID: 5_90240.D

Analysis Method: 8081B | Date Collected: 07/01/2026 13:00

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.01(g) | Date Analyzed: 07/07/2026 17:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 14.5 % Solids: 85.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.9	0.76	
72-55-9	4,4'-DDE	ND		3.9	0.82	
50-29-3	4,4'-DDT	ND		3.9	0.91	
319-85-7	beta-BHC	ND		3.9	0.70	
5103-71-9	cis-Chlordane	ND		3.9	1.9	
319-84-6	alpha-BHC	ND		3.9	0.70	
309-00-2	Aldrin	ND		3.9	0.96	
319-86-8	delta-BHC	ND		3.9	0.72	
60-57-1	Dieldrin	ND		3.9	0.94	
959-98-8	Endosulfan I	ND		3.9	0.75	
33213-65-9	Endosulfan II	ND		3.9	0.70	
1031-07-8	Endosulfan sulfate	ND		3.9	0.73	
72-20-8	Endrin	ND		3.9	0.77	
7421-93-4	Endrin aldehyde	ND		3.9	1.0	
53494-70-5	Endrin ketone	ND		3.9	0.96	
58-89-9	gamma-BHC (Lindane)	ND		3.9	0.72	
5103-74-2	trans-Chlordane	ND		3.9	1.2	
76-44-8	Heptachlor	ND		3.9	0.84	
1024-57-3	Heptachlor epoxide	ND		3.9	1.0	
72-43-5	Methoxychlor	ND		3.9	0.79	
8001-35-2	Toxaphene	ND		39	23	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		45-120
877-09-8	Tetrachloro-m-xylene	85		30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 1-3' | Lab Sample ID: 480-240063-8

Matrix: Solid | Lab File ID: 5_90241.D

Analysis Method: 8081B | Date Collected: 07/01/2026 12:40

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.86(g) | Date Analyzed: 07/07/2026 18:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 16.8 % Solids: 83.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		76	15	
72-55-9	4,4'-DDE	ND		76	16	
50-29-3	4,4'-DDT	ND		76	18	
319-85-7	beta-BHC	ND		76	14	
5103-71-9	cis-Chlordane	ND		76	38	
319-84-6	alpha-BHC	ND		76	14	
309-00-2	Aldrin	ND		76	19	
319-86-8	delta-BHC	ND		76	14	
60-57-1	Dieldrin	ND		76	18	
959-98-8	Endosulfan I	ND		76	15	
33213-65-9	Endosulfan II	ND		76	14	
1031-07-8	Endosulfan sulfate	ND		76	14	
72-20-8	Endrin	ND		76	15	
7421-93-4	Endrin aldehyde	ND		76	19	
53494-70-5	Endrin ketone	ND		76	19	
58-89-9	gamma-BHC (Lindane)	ND		76	14	
5103-74-2	trans-Chlordane	ND		76	24	
76-44-8	Heptachlor	ND		76	16	
1024-57-3	Heptachlor epoxide	ND		76	20	
72-43-5	Methoxychlor	ND		76	15	
8001-35-2	Toxaphene	ND		760	440	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 8-10 | Lab Sample ID: 480-240063-9

Matrix: Solid | Lab File ID: 5_90242.D

Analysis Method: 8081B | Date Collected: 07/01/2026 12:40

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.48(g) | Date Analyzed: 07/07/2026 18:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 14.9 % Solids: 85.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.8	0.74	
72-55-9	4,4'-DDE	ND		3.8	0.80	
50-29-3	4,4'-DDT	ND		3.8	0.89	
319-85-7	beta-BHC	ND		3.8	0.68	
5103-71-9	cis-Chlordane	ND		3.8	1.9	
319-84-6	alpha-BHC	ND		3.8	0.68	
309-00-2	Aldrin	ND		3.8	0.93	
319-86-8	delta-BHC	ND		3.8	0.71	
60-57-1	Dieldrin	ND		3.8	0.91	
959-98-8	Endosulfan I	ND		3.8	0.73	
33213-65-9	Endosulfan II	ND		3.8	0.68	
1031-07-8	Endosulfan sulfate	ND		3.8	0.71	
72-20-8	Endrin	ND		3.8	0.75	
7421-93-4	Endrin aldehyde	ND		3.8	0.97	
53494-70-5	Endrin ketone	ND		3.8	0.93	
58-89-9	gamma-BHC (Lindane)	ND		3.8	0.70	
5103-74-2	trans-Chlordane	ND		3.8	1.2	
76-44-8	Heptachlor	ND		3.8	0.82	
1024-57-3	Heptachlor epoxide	ND		3.8	0.98	
72-43-5	Methoxychlor	ND		3.8	0.77	
8001-35-2	Toxaphene	ND		38	22	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		45-120
877-09-8	Tetrachloro-m-xylene	96		30-124

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Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 1-3' | Lab Sample ID: 480-240063-10

Matrix: Solid | Lab File ID: 5_90243.D

Analysis Method: 8081B | Date Collected: 07/01/2026 10:45

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.78(g) | Date Analyzed: 07/07/2026 18:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 6.3 % Solids: 93.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.4	0.66	
72-55-9	4,4'-DDE	ND		3.4	0.71	
50-29-3	4,4'-DDT	ND		3.4	0.79	
319-85-7	beta-BHC	ND		3.4	0.61	
5103-71-9	cis-Chlordane	ND		3.4	1.7	
319-84-6	alpha-BHC	ND		3.4	0.61	
309-00-2	Aldrin	ND		3.4	0.83	
319-86-8	delta-BHC	ND		3.4	0.63	
60-57-1	Dieldrin	ND		3.4	0.81	
959-98-8	Endosulfan I	ND		3.4	0.65	
33213-65-9	Endosulfan II	ND		3.4	0.61	
1031-07-8	Endosulfan sulfate	ND		3.4	0.63	
72-20-8	Endrin	ND		3.4	0.67	
7421-93-4	Endrin aldehyde	ND		3.4	0.86	
53494-70-5	Endrin ketone	ND		3.4	0.83	
58-89-9	gamma-BHC (Lindane)	ND		3.4	0.62	
5103-74-2	trans-Chlordane	ND		3.4	1.1	
76-44-8	Heptachlor	ND		3.4	0.73	
1024-57-3	Heptachlor epoxide	ND		3.4	0.87	
72-43-5	Methoxychlor	ND		3.4	0.69	
8001-35-2	Toxaphene	ND		34	20	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		45-120
877-09-8	Tetrachloro-m-xylene	93		30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 8-10' | Lab Sample ID: 480-240063-11

Matrix: Solid | Lab File ID: 5_90244.D

Analysis Method: 8081B | Date Collected: 07/01/2026 10:45

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.08(g) | Date Analyzed: 07/07/2026 19:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 14.8 % Solids: 85.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.9	0.76	
72-55-9	4,4'-DDE	ND		3.9	0.82	
50-29-3	4,4'-DDT	ND		3.9	0.91	
319-85-7	beta-BHC	ND		3.9	0.70	
5103-71-9	cis-Chlordane	ND		3.9	1.9	
319-84-6	alpha-BHC	ND		3.9	0.70	
309-00-2	Aldrin	ND		3.9	0.96	
319-86-8	delta-BHC	ND		3.9	0.72	
60-57-1	Dieldrin	ND		3.9	0.93	
959-98-8	Endosulfan I	ND		3.9	0.75	
33213-65-9	Endosulfan II	ND		3.9	0.70	
1031-07-8	Endosulfan sulfate	ND		3.9	0.73	
72-20-8	Endrin	ND		3.9	0.77	
7421-93-4	Endrin aldehyde	ND		3.9	0.99	
53494-70-5	Endrin ketone	ND		3.9	0.96	
58-89-9	gamma-BHC (Lindane)	ND		3.9	0.71	
5103-74-2	trans-Chlordane	ND		3.9	1.2	
76-44-8	Heptachlor	ND		3.9	0.84	
1024-57-3	Heptachlor epoxide	ND		3.9	1.0	
72-43-5	Methoxychlor	ND		3.9	0.79	
8001-35-2	Toxaphene	ND		39	23	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	76		45-120
877-09-8	Tetrachloro-m-xylene	79		30-124

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Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3' | Lab Sample ID: 480-240063-12

Matrix: Solid | Lab File ID: 5_90245.D

Analysis Method: 8081B | Date Collected: 07/01/2026 10:00

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.26(g) | Date Analyzed: 07/07/2026 19:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 18.3 % Solids: 81.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	7.1	J	20	3.9	
72-55-9	4,4'-DDE	ND		20	4.2	
50-29-3	4,4'-DDT	ND		20	4.7	
319-85-7	beta-BHC	ND		20	3.6	
5103-71-9	cis-Chlordane	ND		20	10	
319-84-6	alpha-BHC	ND		20	3.6	
309-00-2	Aldrin	ND		20	4.9	
319-86-8	delta-BHC	ND		20	3.7	
60-57-1	Dieldrin	ND		20	4.8	
959-98-8	Endosulfan I	ND		20	3.9	
33213-65-9	Endosulfan II	ND		20	3.6	
1031-07-8	Endosulfan sulfate	ND		20	3.7	
72-20-8	Endrin	ND		20	4.0	
7421-93-4	Endrin aldehyde	ND		20	5.1	
53494-70-5	Endrin ketone	ND		20	4.9	
58-89-9	gamma-BHC (Lindane)	ND		20	3.7	
5103-74-2	trans-Chlordane	ND		20	6.4	
76-44-8	Heptachlor	ND		20	4.3	
1024-57-3	Heptachlor epoxide	ND		20	5.2	
72-43-5	Methoxychlor	5.6	J	20	4.1	J
8001-35-2	Toxaphene	ND		200	120	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		45-120
877-09-8	Tetrachloro-m-xylene	91		30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 8-10 | Lab Sample ID: 480-240063-13

Matrix: Solid | Lab File ID: 5_90246.D

Analysis Method: 8081B | Date Collected: 07/01/2026 10:00

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.83(g) | Date Analyzed: 07/07/2026 19:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.7	0.72	
72-55-9	4,4'-DDE	ND		3.7	0.78	
50-29-3	4,4'-DDT	ND		3.7	0.86	
319-85-7	beta-BHC	ND		3.7	0.66	
5103-71-9	cis-Chlordane	ND		3.7	1.8	
319-84-6	alpha-BHC	ND		3.7	0.66	
309-00-2	Aldrin	ND		3.7	0.91	
319-86-8	delta-BHC	ND		3.7	0.69	
60-57-1	Dieldrin	ND		3.7	0.89	
959-98-8	Endosulfan I	ND		3.7	0.71	
33213-65-9	Endosulfan II	ND		3.7	0.66	
1031-07-8	Endosulfan sulfate	ND		3.7	0.69	
72-20-8	Endrin	ND		3.7	0.73	
7421-93-4	Endrin aldehyde	ND		3.7	0.94	
53494-70-5	Endrin ketone	ND		3.7	0.91	
58-89-9	gamma-BHC (Lindane)	ND		3.7	0.68	
5103-74-2	trans-Chlordane	ND		3.7	1.2	
76-44-8	Heptachlor	ND		3.7	0.80	
1024-57-3	Heptachlor epoxide	ND		3.7	0.95	
72-43-5	Methoxychlor	ND		3.7	0.75	
8001-35-2	Toxaphene	ND		37	21	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		45-120
877-09-8	Tetrachloro-m-xylene	57		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 1-3' | Lab Sample ID: 480-240063-14

Matrix: Solid | Lab File ID: 5_90247.D

Analysis Method: 8081B | Date Collected: 07/01/2026 08:45

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.05(g) | Date Analyzed: 07/07/2026 19:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 10.4 % Solids: 89.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		74	14	
72-55-9	4,4'-DDE	ND		74	16	
50-29-3	4,4'-DDT	ND		74	17	
319-85-7	beta-BHC	ND		74	13	
5103-71-9	cis-Chlordane	ND		74	37	
319-84-6	alpha-BHC	ND		74	13	
309-00-2	Aldrin	ND		74	18	
319-86-8	delta-BHC	ND		74	14	
60-57-1	Dieldrin	ND		74	18	
959-98-8	Endosulfan I	ND		74	14	
33213-65-9	Endosulfan II	ND		74	13	
1031-07-8	Endosulfan sulfate	ND		74	14	
72-20-8	Endrin	ND		74	15	
7421-93-4	Endrin aldehyde	ND		74	19	
53494-70-5	Endrin ketone	ND		74	18	
58-89-9	gamma-BHC (Lindane)	ND		74	14	
5103-74-2	trans-Chlordane	ND		74	24	
76-44-8	Heptachlor	ND		74	16	
1024-57-3	Heptachlor epoxide	ND		74	19	
72-43-5	Methoxychlor	ND		74	15	
8001-35-2	Toxaphene	ND		740	430	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 4-6' | Lab Sample ID: 480-240063-15

Matrix: Solid | Lab File ID: 5_90248.D

Analysis Method: 8081B | Date Collected: 07/01/2026 08:45

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.76(g) | Date Analyzed: 07/07/2026 20:18

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 13.7 % Solids: 86.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780041 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.7	0.71	
72-55-9	4,4'-DDE	ND		3.7	0.77	
50-29-3	4,4'-DDT	ND		3.7	0.86	
319-85-7	beta-BHC	ND		3.7	0.66	
5103-71-9	cis-Chlordane	ND		3.7	1.8	
319-84-6	alpha-BHC	ND		3.7	0.66	
309-00-2	Aldrin	ND		3.7	0.90	
319-86-8	delta-BHC	ND		3.7	0.68	
60-57-1	Dieldrin	ND		3.7	0.88	
959-98-8	Endosulfan I	ND		3.7	0.71	
33213-65-9	Endosulfan II	ND		3.7	0.66	
1031-07-8	Endosulfan sulfate	ND		3.7	0.69	
72-20-8	Endrin	ND		3.7	0.73	
7421-93-4	Endrin aldehyde	ND		3.7	0.94	
53494-70-5	Endrin ketone	ND		3.7	0.90	
58-89-9	gamma-BHC (Lindane)	ND		3.7	0.67	
5103-74-2	trans-Chlordane	ND		3.7	1.2	
76-44-8	Heptachlor	ND		3.7	0.80	
1024-57-3	Heptachlor epoxide	ND		3.7	0.95	
72-43-5	Methoxychlor	ND		3.7	0.75	
8001-35-2	Toxaphene	ND		37	21	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		45-120
877-09-8	Tetrachloro-m-xylene	83		30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3' | Lab Sample ID: 480-240063-16

Matrix: Solid | Lab File ID: 5_90264.D

Analysis Method: 8081B | Date Collected: 07/01/2026 09:00

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.86(g) | Date Analyzed: 07/08/2026 10:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 16.1 % Solids: 83.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780122 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		19	3.7	
72-55-9	4,4'-DDE	ND		19	3.9	
50-29-3	4,4'-DDT	ND		19	4.4	
319-85-7	beta-BHC	ND		19	3.4	
5103-71-9	cis-Chlordane	ND		19	9.4	
319-84-6	alpha-BHC	ND		19	3.4	
309-00-2	Aldrin	ND		19	4.6	
319-86-8	delta-BHC	ND		19	3.5	
60-57-1	Dieldrin	ND		19	4.5	
959-98-8	Endosulfan I	ND		19	3.6	
33213-65-9	Endosulfan II	ND		19	3.4	
1031-07-8	Endosulfan sulfate	ND		19	3.5	
72-20-8	Endrin	ND		19	3.7	
7421-93-4	Endrin aldehyde	ND		19	4.8	
53494-70-5	Endrin ketone	ND		19	4.6	
58-89-9	gamma-BHC (Lindane)	ND		19	3.4	
5103-74-2	trans-Chlordane	ND		19	6.0	
76-44-8	Heptachlor	ND		19	4.1	
1024-57-3	Heptachlor epoxide	ND		19	4.8	
72-43-5	Methoxychlor	9.5	J	19	3.8	J
8001-35-2	Toxaphene	ND		190	110	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		45-120
877-09-8	Tetrachloro-m-xylene	92		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 4-6' | Lab Sample ID: 480-240063-17

Matrix: Solid | Lab File ID: 5_90265.D

Analysis Method: 8081B | Date Collected: 07/01/2026 09:15

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.06(g) | Date Analyzed: 07/08/2026 10:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 13.5 % Solids: 86.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780122 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		3.8	0.75	
72-55-9	4,4'-DDE	ND		3.8	0.81	
50-29-3	4,4'-DDT	ND		3.8	0.90	
319-85-7	beta-BHC	ND		3.8	0.69	
5103-71-9	cis-Chlordane	ND		3.8	1.9	
319-84-6	alpha-BHC	ND		3.8	0.69	
309-00-2	Aldrin	ND		3.8	0.94	
319-86-8	delta-BHC	ND		3.8	0.71	
60-57-1	Dieldrin	ND		3.8	0.92	
959-98-8	Endosulfan I	ND		3.8	0.74	
33213-65-9	Endosulfan II	ND		3.8	0.69	
1031-07-8	Endosulfan sulfate	ND		3.8	0.72	
72-20-8	Endrin	ND		3.8	0.76	
7421-93-4	Endrin aldehyde	ND		3.8	0.98	
53494-70-5	Endrin ketone	ND		3.8	0.94	
58-89-9	gamma-BHC (Lindane)	ND		3.8	0.70	
5103-74-2	trans-Chlordane	ND		3.8	1.2	
76-44-8	Heptachlor	ND		3.8	0.83	
1024-57-3	Heptachlor epoxide	ND		3.8	0.99	
72-43-5	Methoxychlor	ND		3.8	0.78	
8001-35-2	Toxaphene	ND		38	22	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		45-120
877-09-8	Tetrachloro-m-xylene	39		30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 1-3' | Lab Sample ID: 480-240063-18

Matrix: Solid | Lab File ID: 5_90266.D

Analysis Method: 8081B | Date Collected: 07/01/2026 12:00

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.63(g) | Date Analyzed: 07/08/2026 10:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 16.7 % Solids: 83.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780122 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		77	15	
72-55-9	4,4'-DDE	ND		77	16	
50-29-3	4,4'-DDT	ND		77	18	
319-85-7	beta-BHC	ND		77	14	
5103-71-9	cis-Chlordane	ND		77	38	
319-84-6	alpha-BHC	ND		77	14	
309-00-2	Aldrin	ND		77	19	
319-86-8	delta-BHC	ND		77	14	
60-57-1	Dieldrin	ND		77	18	
959-98-8	Endosulfan I	ND		77	15	
33213-65-9	Endosulfan II	ND		77	14	
1031-07-8	Endosulfan sulfate	ND		77	14	
72-20-8	Endrin	ND		77	15	
7421-93-4	Endrin aldehyde	ND		77	20	
53494-70-5	Endrin ketone	ND		77	19	
58-89-9	gamma-BHC (Lindane)	ND		77	14	
5103-74-2	trans-Chlordane	ND		77	24	
76-44-8	Heptachlor	ND		77	17	
1024-57-3	Heptachlor epoxide	ND		77	20	
72-43-5	Methoxychlor	20	J	77	16	
8001-35-2	Toxaphene	ND		770	450	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6' | Lab Sample ID: 480-240063-19

Matrix: Solid | Lab File ID: 5_90267.D

Analysis Method: 8081B | Date Collected: 07/01/2026 12:00

Extraction Method: 3546 | Date Extracted: 07/06/2026 06:47

Sample wt/vol: 15.65(g) | Date Analyzed: 07/08/2026 11:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780122 | Units: ug/Kg

Preparation Batch No.: 779888 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		38	7.4	
72-55-9	4,4'-DDE	ND		38	8.0	
50-29-3	4,4'-DDT	22	J	38	8.9	NJ
319-85-7	beta-BHC	ND		38	6.8	
5103-71-9	cis-Chlordane	ND		38	19	
319-84-6	alpha-BHC	ND		38	6.8	
309-00-2	Aldrin	ND		38	9.3	
319-86-8	delta-BHC	7.9	J	38	7.0	
60-57-1	Dieldrin	ND		38	9.1	
959-98-8	Endosulfan I	ND		38	7.3	
33213-65-9	Endosulfan II	ND		38	6.8	
1031-07-8	Endosulfan sulfate	ND		38	7.1	
72-20-8	Endrin	ND		38	7.5	
7421-93-4	Endrin aldehyde	ND		38	9.7	
53494-70-5	Endrin ketone	14	J	38	9.3	J
58-89-9	gamma-BHC (Lindane)	10	J	38	7.0	J
5103-74-2	trans-Chlordane	ND		38	12	
76-44-8	Heptachlor	ND		38	8.2	
1024-57-3	Heptachlor epoxide	ND		38	9.8	
72-43-5	Methoxychlor	12	J	38	7.7	NJ
8001-35-2	Toxaphene	ND		380	220	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		45-120
877-09-8	Tetrachloro-m-xylene	108		30-124

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Method 8082A

Polychlorinated Biphenyls (PCBs) (GC) by Method 8082A

No data validation qualifieres were added

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FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3' | Lab Sample ID: 480-240063-1

Matrix: Solid | Lab File ID: 60009461.D

Analysis Method: 8082A | Date Collected: 07/01/2026 12:45

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.17(g) | Date Analyzed: 07/06/2026 13:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 10.6 % Solids: 89.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.26	0.050
11104-28-2	PCB-1221	ND		0.26	0.050
11141-16-5	PCB-1232	ND		0.26	0.050
53469-21-9	PCB-1242	ND		0.26	0.050
12672-29-6	PCB-1248	ND		0.26	0.050
11097-69-1	PCB-1254	ND		0.26	0.12
11096-82-5	PCB-1260	ND		0.26	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		60-154
2051-24-3	DCB Decachlorobiphenyl	78		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-4 1-3' | Lab Sample ID: 480-240063-2

Matrix: Solid | Lab File ID: 60009460.D

Analysis Method: 8082A | Date Collected: 07/01/2026 12:15

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.20(g) | Date Analyzed: 07/06/2026 13:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 14.0 % Solids: 86.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.26	0.052
11104-28-2	PCB-1221	ND		0.26	0.052
11141-16-5	PCB-1232	ND		0.26	0.052
53469-21-9	PCB-1242	ND		0.26	0.052
12672-29-6	PCB-1248	ND		0.26	0.052
11097-69-1	PCB-1254	ND		0.26	0.12
11096-82-5	PCB-1260	ND		0.26	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	99		60-154
2051-24-3	DCB Decachlorobiphenyl	81		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3' | Lab Sample ID: 480-240063-3

Matrix: Solid | Lab File ID: 60009462.D

Analysis Method: 8082A | Date Collected: 07/01/2026 11:30

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.18(g) | Date Analyzed: 07/06/2026 13:53

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 19.7 % Solids: 80.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.29	0.056
11104-28-2	PCB-1221	ND		0.29	0.056
11141-16-5	PCB-1232	ND		0.29	0.056
53469-21-9	PCB-1242	ND		0.29	0.056
12672-29-6	PCB-1248	ND		0.29	0.056
11097-69-1	PCB-1254	ND		0.29	0.13
11096-82-5	PCB-1260	ND		0.29	0.13

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	100		60-154
2051-24-3	DCB Decachlorobiphenyl	78		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-10 1-3' | Lab Sample ID: 480-240063-4

Matrix: Solid | Lab File ID: 60009463.D

Analysis Method: 8082A | Date Collected: 07/01/2026 11:00

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.33(g) | Date Analyzed: 07/06/2026 14:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 14.3 % Solids: 85.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.25	0.049
11104-28-2	PCB-1221	ND		0.25	0.049
11141-16-5	PCB-1232	ND		0.25	0.049
53469-21-9	PCB-1242	ND		0.25	0.049
12672-29-6	PCB-1248	ND		0.25	0.049
11097-69-1	PCB-1254	ND		0.25	0.12
11096-82-5	PCB-1260	ND		0.25	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	100		60-154
2051-24-3	DCB Decachlorobiphenyl	82		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-11 1-3' | Lab Sample ID: 480-240063-5

Matrix: Solid | Lab File ID: 60009464.D

Analysis Method: 8082A | Date Collected: 07/01/2026 11:15

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.28(g) | Date Analyzed: 07/06/2026 14:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 12.0 % Solids: 88.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.25	0.049
11104-28-2	PCB-1221	ND		0.25	0.049
11141-16-5	PCB-1232	ND		0.25	0.049
53469-21-9	PCB-1242	ND		0.25	0.049
12672-29-6	PCB-1248	ND		0.25	0.049
11097-69-1	PCB-1254	ND		0.25	0.12
11096-82-5	PCB-1260	ND		0.25	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	103		60-154
2051-24-3	DCB Decachlorobiphenyl	87		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 1-3' | Lab Sample ID: 480-240063-6

Matrix: Solid | Lab File ID: 60009465.D

Analysis Method: 8082A | Date Collected: 07/01/2026 13:00

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.15(g) | Date Analyzed: 07/06/2026 14:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 29.5 % Solids: 70.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.33	0.065
11104-28-2	PCB-1221	ND		0.33	0.065
11141-16-5	PCB-1232	ND		0.33	0.065
53469-21-9	PCB-1242	ND		0.33	0.065
12672-29-6	PCB-1248	ND		0.33	0.065
11097-69-1	PCB-1254	ND		0.33	0.15
11096-82-5	PCB-1260	ND		0.33	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	106		60-154
2051-24-3	DCB Decachlorobiphenyl	87		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 8-10' | Lab Sample ID: 480-240063-7

Matrix: Solid | Lab File ID: 60009466.D

Analysis Method: 8082A | Date Collected: 07/01/2026 13:00

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.75(g) | Date Analyzed: 07/06/2026 15:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 14.5 % Solids: 85.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.21	0.042
11104-28-2	PCB-1221	ND		0.21	0.042
11141-16-5	PCB-1232	ND		0.21	0.042
53469-21-9	PCB-1242	ND		0.21	0.042
12672-29-6	PCB-1248	ND		0.21	0.042
11097-69-1	PCB-1254	ND		0.21	0.10
11096-82-5	PCB-1260	ND		0.21	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		60-154
2051-24-3	DCB Decachlorobiphenyl	88		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 1-3' | Lab Sample ID: 480-240063-8

Matrix: Solid | Lab File ID: 60009467.D

Analysis Method: 8082A | Date Collected: 07/01/2026 12:40

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.18(g) | Date Analyzed: 07/06/2026 15:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 16.8 % Solids: 83.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.28	0.054
11104-28-2	PCB-1221	ND		0.28	0.054
11141-16-5	PCB-1232	ND		0.28	0.054
53469-21-9	PCB-1242	ND		0.28	0.054
12672-29-6	PCB-1248	ND		0.28	0.054
11097-69-1	PCB-1254	ND		0.28	0.13
11096-82-5	PCB-1260	ND		0.28	0.13

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	107		60-154
2051-24-3	DCB Decachlorobiphenyl	87		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 8-10 | Lab Sample ID: 480-240063-9

Matrix: Solid | Lab File ID: 60009468.D

Analysis Method: 8082A | Date Collected: 07/01/2026 12:40

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.52(g) | Date Analyzed: 07/06/2026 15:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 14.9 % Solids: 85.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.23	0.046
11104-28-2	PCB-1221	ND		0.23	0.046
11141-16-5	PCB-1232	ND		0.23	0.046
53469-21-9	PCB-1242	ND		0.23	0.046
12672-29-6	PCB-1248	ND		0.23	0.046
11097-69-1	PCB-1254	ND		0.23	0.11
11096-82-5	PCB-1260	ND		0.23	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	103		60-154
2051-24-3	DCB Decachlorobiphenyl	85		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 1-3' | Lab Sample ID: 480-240063-10

Matrix: Solid | Lab File ID: 60009469.D

Analysis Method: 8082A | Date Collected: 07/01/2026 10:45

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.34(g) | Date Analyzed: 07/06/2026 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 6.3 % Solids: 93.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.23	0.045
11104-28-2	PCB-1221	ND		0.23	0.045
11141-16-5	PCB-1232	ND		0.23	0.045
53469-21-9	PCB-1242	ND		0.23	0.045
12672-29-6	PCB-1248	ND		0.23	0.045
11097-69-1	PCB-1254	ND		0.23	0.11
11096-82-5	PCB-1260	ND		0.23	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	109		60-154
2051-24-3	DCB Decachlorobiphenyl	94		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 8-10' | Lab Sample ID: 480-240063-11

Matrix: Solid | Lab File ID: 60009470.D

Analysis Method: 8082A | Date Collected: 07/01/2026 10:45

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.45(g) | Date Analyzed: 07/06/2026 16:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 14.8 % Solids: 85.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.24	0.047
11104-28-2	PCB-1221	ND		0.24	0.047
11141-16-5	PCB-1232	ND		0.24	0.047
53469-21-9	PCB-1242	ND		0.24	0.047
12672-29-6	PCB-1248	ND		0.24	0.047
11097-69-1	PCB-1254	ND		0.24	0.11
11096-82-5	PCB-1260	ND		0.24	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	100		60-154
2051-24-3	DCB Decachlorobiphenyl	84		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3' | Lab Sample ID: 480-240063-12

Matrix: Solid | Lab File ID: 60009471.D

Analysis Method: 8082A | Date Collected: 07/01/2026 10:00

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.25(g) | Date Analyzed: 07/06/2026 16:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 18.3 % Solids: 81.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.27	0.053
11104-28-2	PCB-1221	ND		0.27	0.053
11141-16-5	PCB-1232	ND		0.27	0.053
53469-21-9	PCB-1242	ND		0.27	0.053
12672-29-6	PCB-1248	ND		0.27	0.053
11097-69-1	PCB-1254	ND		0.27	0.13
11096-82-5	PCB-1260	ND		0.27	0.13

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	96		60-154
2051-24-3	DCB Decachlorobiphenyl	73		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 8-10 | Lab Sample ID: 480-240063-13

Matrix: Solid | Lab File ID: 60009472.D

Analysis Method: 8082A | Date Collected: 07/01/2026 10:00

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.12(g) | Date Analyzed: 07/06/2026 16:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 14.4 % Solids: 85.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.28	0.054
11104-28-2	PCB-1221	ND		0.28	0.054
11141-16-5	PCB-1232	ND		0.28	0.054
53469-21-9	PCB-1242	ND		0.28	0.054
12672-29-6	PCB-1248	ND		0.28	0.054
11097-69-1	PCB-1254	ND		0.28	0.13
11096-82-5	PCB-1260	ND		0.28	0.13

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	101		60-154
2051-24-3	DCB Decachlorobiphenyl	86		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 1-3' | Lab Sample ID: 480-240063-14

Matrix: Solid | Lab File ID: 60009473.D

Analysis Method: 8082A | Date Collected: 07/01/2026 08:45

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.39(g) | Date Analyzed: 07/06/2026 17:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 10.4 % Solids: 89.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.23	0.046
11104-28-2	PCB-1221	ND		0.23	0.046
11141-16-5	PCB-1232	ND		0.23	0.046
53469-21-9	PCB-1242	ND		0.23	0.046
12672-29-6	PCB-1248	ND		0.23	0.046
11097-69-1	PCB-1254	ND		0.23	0.11
11096-82-5	PCB-1260	ND		0.23	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	101		60-154
2051-24-3	DCB Decachlorobiphenyl	83		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 4-6' | Lab Sample ID: 480-240063-15

Matrix: Solid | Lab File ID: 60009474.D

Analysis Method: 8082A | Date Collected: 07/01/2026 08:45

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.31(g) | Date Analyzed: 07/06/2026 17:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 13.7 % Solids: 86.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.25	0.049
11104-28-2	PCB-1221	ND		0.25	0.049
11141-16-5	PCB-1232	ND		0.25	0.049
53469-21-9	PCB-1242	ND		0.25	0.049
12672-29-6	PCB-1248	ND		0.25	0.049
11097-69-1	PCB-1254	ND		0.25	0.12
11096-82-5	PCB-1260	ND		0.25	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	100		60-154
2051-24-3	DCB Decachlorobiphenyl	85		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3' | Lab Sample ID: 480-240063-16

Matrix: Solid | Lab File ID: 60009475.D

Analysis Method: 8082A | Date Collected: 07/01/2026 09:00

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.79(g) | Date Analyzed: 07/06/2026 17:54

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 16.1 % Solids: 83.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.21	0.042
11104-28-2	PCB-1221	ND		0.21	0.042
11141-16-5	PCB-1232	ND		0.21	0.042
53469-21-9	PCB-1242	ND		0.21	0.042
12672-29-6	PCB-1248	ND		0.21	0.042
11097-69-1	PCB-1254	ND		0.21	0.10
11096-82-5	PCB-1260	ND		0.21	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		60-154
2051-24-3	DCB Decachlorobiphenyl	90		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 4-6' | Lab Sample ID: 480-240063-17

Matrix: Solid | Lab File ID: 60009478.D

Analysis Method: 8082A | Date Collected: 07/01/2026 09:15

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.83(g) | Date Analyzed: 07/06/2026 18:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 13.5 % Solids: 86.5 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.20	0.040
11104-28-2	PCB-1221	ND		0.20	0.040
11141-16-5	PCB-1232	ND		0.20	0.040
53469-21-9	PCB-1242	ND		0.20	0.040
12672-29-6	PCB-1248	ND		0.20	0.040
11097-69-1	PCB-1254	ND		0.20	0.096
11096-82-5	PCB-1260	ND		0.20	0.096

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	101		60-154
2051-24-3	DCB Decachlorobiphenyl	86		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 1-3' | Lab Sample ID: 480-240063-18

Matrix: Solid | Lab File ID: 60009479.D

Analysis Method: 8082A | Date Collected: 07/01/2026 12:00

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.63(g) | Date Analyzed: 07/06/2026 19:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 16.7 % Solids: 83.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.23	0.045
11104-28-2	PCB-1221	ND		0.23	0.045
11141-16-5	PCB-1232	ND		0.23	0.045
53469-21-9	PCB-1242	ND		0.23	0.045
12672-29-6	PCB-1248	ND		0.23	0.045
11097-69-1	PCB-1254	ND		0.23	0.11
11096-82-5	PCB-1260	ND		0.23	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		60-154
2051-24-3	DCB Decachlorobiphenyl	87		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6' | Lab Sample ID: 480-240063-19

Matrix: Solid | Lab File ID: 60009480.D

Analysis Method: 8082A | Date Collected: 07/01/2026 12:00

Extraction Method: 3550C | Date Extracted: 07/06/2026 07:04

Sample wt/vol: 2.04(g) | Date Analyzed: 07/06/2026 19:26

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-35 ID: 0.53(mm)

% Moisture: 15.6 % Solids: 84.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779915 | Units: mg/Kg

Preparation Batch No.: 779892 | Instrument ID: HP6890-6

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.29	0.057
11104-28-2	PCB-1221	ND		0.29	0.057
11141-16-5	PCB-1232	ND		0.29	0.057
53469-21-9	PCB-1242	ND		0.29	0.057
12672-29-6	PCB-1248	ND		0.29	0.057
11097-69-1	PCB-1254	ND		0.29	0.14
11096-82-5	PCB-1260	ND		0.29	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	110		60-154
2051-24-3	DCB Decachlorobiphenyl	94		65-174

1633A

Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1

Matrix: Solid
Lab File ID: 26Jul10n-76.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:45

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.31(g)
Date Analyzed: 07/11/2026 12:48

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 10.6 % Solids: 89.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.097
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097
335-67-1	Perfluorooctanoic acid (PFOA)	0.085	J	0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.097
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.54		0.19	0.097
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1

Matrix: Solid
Lab File ID: 26Jul10n-76.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:45

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.31(g)
Date Analyzed: 07/11/2026 12:48

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 10.6 % Solids: 89.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.097	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.097	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1

Matrix: Solid
Lab File ID: 26Jul10n-76.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:45

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.31(g)
Date Analyzed: 07/11/2026 12:48

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 10.6 % Solids: 89.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	87.8		8-130
2283397-79-3	13C5 PFPeA	96.1		35-130
2328024-54-8	13C5 PFHxA	95.8		40-130
2328024-55-9	13C4 PFHpA	94.6		40-130
1350614-84-4	13C8 PFOA	82.6		40-130
2283397-80-6	13C9 PFNA	83.8		40-130
2328024-56-0	13C6 PFDA	73.5		40-130
STL02580	13C7 PFUnA	63.3		40-130
STL02116	13C2 PFTeDA	44.0		20-130
2708218-83-9	13C3 PFBS	84.3		40-135
2708218-85-1	13C3 PFHxS	82.1		40-130
2265893-05-6	13C8 PFOS	72.4		40-130
STL01056	13C8 FOSA	73.5		40-130
1400690-70-1	d3-NMeFOSAA	79.9		40-135
1265205-97-7	d5-NEtFOSAA	79.0		40-150
STL02395	13C2 4:2 FTS	181	*5+	40-165
STL02279	13C2 6:2 FTS	176		40-215
STL02280	13C2 8:2 FTS	197		40-275
STL02255	13C3 HFPO-DA	94.1		40-130
STL02277	d7-N-MeFOSE-M	38.8		20-130
STL02278	d9-N-EtFOSE-M	30.9		15-130
STL02704	d5-NEtPFOSA	48.3		10-130
STL02705	d3-NMePFOSA	57.4		10-130
960315-52-0	13C2 PFDoA	56.2		40-130
STL03731	13C3-PFDoS	52.9		20-150
STL03747	13C3-3:3 FTCA	95.0		20-150
STL03748	13C3-5:3 FTCA	93.1		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2

Matrix: Solid
Lab File ID: 26Jul10n-77.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:15

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.37(g)
Date Analyzed: 07/11/2026 13:01

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.0 % Solids: 86.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2

Matrix: Solid
Lab File ID: 26Jul10n-77.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:15

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.37(g)
Date Analyzed: 07/11/2026 13:01

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.0 % Solids: 86.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-4 1-3'
Lab Sample ID: 480-240063-2

Matrix: Solid
Lab File ID: 26Jul10n-77.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:15

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.37(g)
Date Analyzed: 07/11/2026 13:01

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.0 % Solids: 86.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	89.6		8-130
2283397-79-3	13C5 PFPeA	103		35-130
2328024-54-8	13C5 PFHxA	99.9		40-130
2328024-55-9	13C4 PFHpA	99.4		40-130
1350614-84-4	13C8 PFOA	80.2		40-130
2283397-80-6	13C9 PFNA	89.1		40-130
2328024-56-0	13C6 PFDA	75.2		40-130
STL02580	13C7 PFUnA	74.1		40-130
STL02116	13C2 PFTeDA	52.1		20-130
2708218-83-9	13C3 PFBS	78.7		40-135
2708218-85-1	13C3 PFHxS	78.8		40-130
2265893-05-6	13C8 PFOS	75.1		40-130
STL01056	13C8 FOSA	66.2		40-130
1400690-70-1	d3-NMeFOSAA	57.1		40-135
1265205-97-7	d5-NEtFOSAA	58.5		40-150
STL02395	13C2 4:2 FTS	74.7		40-165
STL02279	13C2 6:2 FTS	71.1		40-215
STL02280	13C2 8:2 FTS	202		40-275
STL02255	13C3 HFPO-DA	86.2		40-130
STL02277	d7-N-MeFOSE-M	39.4		20-130
STL02278	d9-N-EtFOSE-M	38.5		15-130
STL02704	d5-NEtPFOSA	50.2		10-130
STL02705	d3-NMePFOSA	58.8		10-130
960315-52-0	13C2 PFDoA	69.7		40-130
STL03731	13C3-PFDoS	57.8		20-150
STL03747	13C3-3:3 FTCA	97.3		20-150
STL03748	13C3-5:3 FTCA	93.1		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3

Matrix: Solid
Lab File ID: 26Jul10n-78.d

Analysis Method: 1633A
Date Collected: 07/01/2026 11:30

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.50(g)
Date Analyzed: 07/11/2026 13:15

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 19.7 % Solids: 80.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.40	0.10
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.060
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.10
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.060
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3

Matrix: Solid
Lab File ID: 26Jul10n-78.d

Analysis Method: 1633A
Date Collected: 07/01/2026 11:30

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.50(g)
Date Analyzed: 07/11/2026 13:15

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 19.7 % Solids: 80.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.10	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.10	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3

Matrix: Solid
Lab File ID: 26Jul10n-78.d

Analysis Method: 1633A
Date Collected: 07/01/2026 11:30

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.50(g)
Date Analyzed: 07/11/2026 13:15

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 19.7 % Solids: 80.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	94.0		8-130
2283397-79-3	13C5 PFPeA	103		35-130
2328024-54-8	13C5 PFHxA	109		40-130
2328024-55-9	13C4 PFHpA	107		40-130
1350614-84-4	13C8 PFOA	97.5		40-130
2283397-80-6	13C9 PFNA	101		40-130
2328024-56-0	13C6 PFDA	86.0		40-130
STL02580	13C7 PFUnA	84.7		40-130
STL02116	13C2 PFTeDA	55.0		20-130
2708218-83-9	13C3 PFBS	92.0		40-135
2708218-85-1	13C3 PFHxS	89.3		40-130
2265893-05-6	13C8 PFOS	86.8		40-130
STL01056	13C8 FOSA	84.3		40-130
1400690-70-1	d3-NMeFOSAA	71.8		40-135
1265205-97-7	d5-NEtFOSAA	71.8		40-150
STL02395	13C2 4:2 FTS	84.8		40-165
STL02279	13C2 6:2 FTS	86.1		40-215
STL02280	13C2 8:2 FTS	272		40-275
STL02255	13C3 HFPO-DA	87.5		40-130
STL02277	d7-N-MeFOSE-M	42.9		20-130
STL02278	d9-N-EtFOSE-M	42.0		15-130
STL02704	d5-NEtPFOSA	53.5		10-130
STL02705	d3-NMePFOSA	66.1		10-130
960315-52-0	13C2 PFDoA	78.1		40-130
STL03731	13C3-PFDoS	59.2		20-150
STL03747	13C3-3:3 FTCA	102		20-150
STL03748	13C3-5:3 FTCA	88.8		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-10 1-3'
Lab Sample ID: 480-240063-4

Matrix: Solid
Lab File ID: 26Jul10n-79.d

Analysis Method: 1633A
Date Collected: 07/01/2026 11:00

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.40(g)
Date Analyzed: 07/11/2026 13:28

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.3 % Solids: 85.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.097
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.097
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-10 1-3' Lab Sample ID: 480-240063-4

Matrix: Solid Lab File ID: 26Jul10n-79.d

Analysis Method: 1633A Date Collected: 07/01/2026 11:00

Extraction Method: 1633A Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.40(g) Date Analyzed: 07/11/2026 13:28

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.3 % Solids: 85.7 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742 Units: ng/g

Preparation Batch No.: 848843 Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.097	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.097	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-10 1-3'
Lab Sample ID: 480-240063-4

Matrix: Solid
Lab File ID: 26Jul10n-79.d

Analysis Method: 1633A
Date Collected: 07/01/2026 11:00

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.40(g)
Date Analyzed: 07/11/2026 13:28

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.3 % Solids: 85.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	84.4		8-130
2283397-79-3	13C5 PFPeA	92.8		35-130
2328024-54-8	13C5 PFHxA	92.5		40-130
2328024-55-9	13C4 PFHpA	94.0		40-130
1350614-84-4	13C8 PFOA	85.5		40-130
2283397-80-6	13C9 PFNA	81.8		40-130
2328024-56-0	13C6 PFDA	73.4		40-130
STL02580	13C7 PFUnA	63.6		40-130
STL02116	13C2 PFTeDA	35.4		20-130
2708218-83-9	13C3 PFBS	78.6		40-135
2708218-85-1	13C3 PFHxS	74.9		40-130
2265893-05-6	13C8 PFOS	65.4		40-130
STL01056	13C8 FOSA	69.2		40-130
1400690-70-1	d3-NMeFOSAA	60.9		40-135
1265205-97-7	d5-NEtFOSAA	58.7		40-150
STL02395	13C2 4:2 FTS	85.8		40-165
STL02279	13C2 6:2 FTS	79.7		40-215
STL02280	13C2 8:2 FTS	212		40-275
STL02255	13C3 HFPO-DA	79.8		40-130
STL02277	d7-N-MeFOSE-M	29.7		20-130
STL02278	d9-N-EtFOSE-M	26.4		15-130
STL02704	d5-NEtPFOSA	43.4		10-130
STL02705	d3-NMePFOSA	54.4		10-130
960315-52-0	13C2 PFDoA	52.2		40-130
STL03731	13C3-PFDoS	40.4		20-150
STL03747	13C3-3:3 FTCA	90.3		20-150
STL03748	13C3-5:3 FTCA	83.3		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5

Matrix: Solid
Lab File ID: 26Jul10n-80.d

Analysis Method: 1633A
Date Collected: 07/01/2026 11:15

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.30(g)
Date Analyzed: 07/11/2026 13:42

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 12.0 % Solids: 88.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.40	0.099
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.099
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.099
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5

Matrix: Solid
Lab File ID: 26Jul10n-80.d

Analysis Method: 1633A
Date Collected: 07/01/2026 11:15

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.30(g)
Date Analyzed: 07/11/2026 13:42

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 12.0 % Solids: 88.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.099	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.099	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5

Matrix: Solid
Lab File ID: 26Jul10n-80.d

Analysis Method: 1633A
Date Collected: 07/01/2026 11:15

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.30(g)
Date Analyzed: 07/11/2026 13:42

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 12.0 % Solids: 88.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	77.5		8-130
2283397-79-3	13C5 PFPeA	93.5		35-130
2328024-54-8	13C5 PFHxA	90.6		40-130
2328024-55-9	13C4 PFHpA	92.9		40-130
1350614-84-4	13C8 PFOA	80.7		40-130
2283397-80-6	13C9 PFNA	76.2		40-130
2328024-56-0	13C6 PFDA	70.9		40-130
STL02580	13C7 PFUnA	66.9		40-130
STL02116	13C2 PFTeDA	47.8		20-130
2708218-83-9	13C3 PFBS	74.5		40-135
2708218-85-1	13C3 PFHxS	69.5		40-130
2265893-05-6	13C8 PFOS	55.0		40-130
STL01056	13C8 FOSA	64.7		40-130
1400690-70-1	d3-NMeFOSAA	56.9		40-135
1265205-97-7	d5-NEtFOSAA	59.4		40-150
STL02395	13C2 4:2 FTS	71.3		40-165
STL02279	13C2 6:2 FTS	69.7		40-215
STL02280	13C2 8:2 FTS	213		40-275
STL02255	13C3 HFPO-DA	78.8		40-130
STL02277	d7-N-MeFOSE-M	46.4		20-130
STL02278	d9-N-EtFOSE-M	43.7		15-130
STL02704	d5-NEtPFOSA	47.3		10-130
STL02705	d3-NMePFOSA	63.1		10-130
960315-52-0	13C2 PFDoA	62.1		40-130
STL03731	13C3-PFDoS	52.9		20-150
STL03747	13C3-3:3 FTCA	84.4		20-150
STL03748	13C3-5:3 FTCA	79.4		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 1-3'
Lab Sample ID: 480-240063-6

Matrix: Solid
Lab File ID: 26Jul10n-81.d

Analysis Method: 1633A
Date Collected: 07/01/2026 13:00

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.91(g)
Date Analyzed: 07/11/2026 13:56

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 29.5 % Solids: 70.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.21		0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 1-3' Lab Sample ID: 480-240063-6

Matrix: Solid Lab File ID: 26Jul10n-81.d

Analysis Method: 1633A Date Collected: 07/01/2026 13:00

Extraction Method: 1633A Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.91(g) Date Analyzed: 07/11/2026 13:56

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 29.5 % Solids: 70.5 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742 Units: ng/g

Preparation Batch No.: 848843 Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098 UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 1-3'
Lab Sample ID: 480-240063-6

Matrix: Solid
Lab File ID: 26Jul10n-81.d

Analysis Method: 1633A
Date Collected: 07/01/2026 13:00

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.91(g)
Date Analyzed: 07/11/2026 13:56

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 29.5 % Solids: 70.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	80.8		8-130
2283397-79-3	13C5 PFPeA	87.3		35-130
2328024-54-8	13C5 PFHxA	87.6		40-130
2328024-55-9	13C4 PFHpA	96.0		40-130
1350614-84-4	13C8 PFOA	76.4		40-130
2283397-80-6	13C9 PFNA	81.1		40-130
2328024-56-0	13C6 PFDA	67.5		40-130
STL02580	13C7 PFUnA	64.2		40-130
STL02116	13C2 PFTeDA	40.2		20-130
2708218-83-9	13C3 PFBS	79.7		40-135
2708218-85-1	13C3 PFHxS	70.4		40-130
2265893-05-6	13C8 PFOS	65.7		40-130
STL01056	13C8 FOSA	68.5		40-130
1400690-70-1	d3-NMeFOSAA	60.8		40-135
1265205-97-7	d5-NEtFOSAA	59.9		40-150
STL02395	13C2 4:2 FTS	84.3		40-165
STL02279	13C2 6:2 FTS	78.7		40-215
STL02280	13C2 8:2 FTS	208		40-275
STL02255	13C3 HFPO-DA	82.2		40-130
STL02277	d7-N-MeFOSE-M	42.7		20-130
STL02278	d9-N-EtFOSE-M	37.8		15-130
STL02704	d5-NEtPFOSA	49.6		10-130
STL02705	d3-NMePFOSA	58.6		10-130
960315-52-0	13C2 PFDoA	55.5		40-130
STL03731	13C3-PFDoS	47.9		20-150
STL03747	13C3-3:3 FTCA	80.6		20-150
STL03748	13C3-5:3 FTCA	74.0		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 8-10'
Lab Sample ID: 480-240063-7

Matrix: Solid
Lab File ID: 26Jul10n-82.d

Analysis Method: 1633A
Date Collected: 07/01/2026 13:00

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.38(g)
Date Analyzed: 07/11/2026 14:09

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.5 % Solids: 85.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 8-10' Lab Sample ID: 480-240063-7

Matrix: Solid Lab File ID: 26Jul10n-82.d

Analysis Method: 1633A Date Collected: 07/01/2026 13:00

Extraction Method: 1633A Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.38(g) Date Analyzed: 07/11/2026 14:09

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.5 % Solids: 85.5 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742 Units: ng/g

Preparation Batch No.: 848843 Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-1 8-10'
Lab Sample ID: 480-240063-7

Matrix: Solid
Lab File ID: 26Jul10n-82.d

Analysis Method: 1633A
Date Collected: 07/01/2026 13:00

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.38(g)
Date Analyzed: 07/11/2026 14:09

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.5 % Solids: 85.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	87.5		8-130
2283397-79-3	13C5 PFPeA	102		35-130
2328024-54-8	13C5 PFHxA	99.0		40-130
2328024-55-9	13C4 PFHpA	98.7		40-130
1350614-84-4	13C8 PFOA	85.2		40-130
2283397-80-6	13C9 PFNA	89.5		40-130
2328024-56-0	13C6 PFDA	67.3		40-130
STL02580	13C7 PFUnA	63.1		40-130
STL02116	13C2 PFTeDA	49.8		20-130
2708218-83-9	13C3 PFBS	81.9		40-135
2708218-85-1	13C3 PFHxS	69.5		40-130
2265893-05-6	13C8 PFOS	61.1		40-130
STL01056	13C8 FOSA	71.1		40-130
1400690-70-1	d3-NMeFOSAA	57.4		40-135
1265205-97-7	d5-NEtFOSAA	60.8		40-150
STL02395	13C2 4:2 FTS	84.1		40-165
STL02279	13C2 6:2 FTS	80.5		40-215
STL02280	13C2 8:2 FTS	212		40-275
STL02255	13C3 HFPO-DA	87.0		40-130
STL02277	d7-N-MeFOSE-M	43.4		20-130
STL02278	d9-N-EtFOSE-M	42.5		15-130
STL02704	d5-NEtPFOSA	52.3		10-130
STL02705	d3-NMePFOSA	63.0		10-130
960315-52-0	13C2 PFDoA	61.0		40-130
STL03731	13C3-PFDoS	54.6		20-150
STL03747	13C3-3:3 FTCA	91.8		20-150
STL03748	13C3-5:3 FTCA	87.1		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8

Matrix: Solid
Lab File ID: 26Jul10n-83.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:40

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.43(g)
Date Analyzed: 07/11/2026 14:23

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.8 % Solids: 83.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.40	0.099
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.099
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.099
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8

Matrix: Solid
Lab File ID: 26Jul10n-83.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:40

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.43(g)
Date Analyzed: 07/11/2026 14:23

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.8 % Solids: 83.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.099	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.099	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8

Matrix: Solid
Lab File ID: 26Jul10n-83.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:40

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.43(g)
Date Analyzed: 07/11/2026 14:23

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.8 % Solids: 83.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	82.6		8-130
2283397-79-3	13C5 PFPeA	89.3		35-130
2328024-54-8	13C5 PFHxA	92.7		40-130
2328024-55-9	13C4 PFHpA	89.3		40-130
1350614-84-4	13C8 PFOA	88.2		40-130
2283397-80-6	13C9 PFNA	78.6		40-130
2328024-56-0	13C6 PFDA	66.9		40-130
STL02580	13C7 PFUnA	58.8		40-130
STL02116	13C2 PFTeDA	47.9		20-130
2708218-83-9	13C3 PFBS	73.8		40-135
2708218-85-1	13C3 PFHxS	65.4		40-130
2265893-05-6	13C8 PFOS	53.8		40-130
STL01056	13C8 FOSA	68.7		40-130
1400690-70-1	d3-NMeFOSAA	60.0		40-135
1265205-97-7	d5-NEtFOSAA	62.3		40-150
STL02395	13C2 4:2 FTS	79.4		40-165
STL02279	13C2 6:2 FTS	78.0		40-215
STL02280	13C2 8:2 FTS	226		40-275
STL02255	13C3 HFPO-DA	79.6		40-130
STL02277	d7-N-MeFOSE-M	49.4		20-130
STL02278	d9-N-EtFOSE-M	46.0		15-130
STL02704	d5-NEtPFOSA	50.8		10-130
STL02705	d3-NMePFOSA	60.3		10-130
960315-52-0	13C2 PFDoA	56.2		40-130
STL03731	13C3-PFDoS	54.9		20-150
STL03747	13C3-3:3 FTCA	80.3		20-150
STL03748	13C3-5:3 FTCA	79.1		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 8-10
Lab Sample ID: 480-240063-9

Matrix: Solid
Lab File ID: 26Jul10n-86.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:40

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.40(g)
Date Analyzed: 07/11/2026 15:03

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.9 % Solids: 85.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 8-10
Lab Sample ID: 480-240063-9

Matrix: Solid
Lab File ID: 26Jul10n-86.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:40

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.40(g)
Date Analyzed: 07/11/2026 15:03

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.9 % Solids: 85.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-2 8-10
Lab Sample ID: 480-240063-9

Matrix: Solid
Lab File ID: 26Jul10n-86.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:40

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.40(g)
Date Analyzed: 07/11/2026 15:03

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.9 % Solids: 85.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	88.3		8-130
2283397-79-3	13C5 PFPeA	101		35-130
2328024-54-8	13C5 PFHxA	103		40-130
2328024-55-9	13C4 PFHpA	103		40-130
1350614-84-4	13C8 PFOA	90.0		40-130
2283397-80-6	13C9 PFNA	88.4		40-130
2328024-56-0	13C6 PFDA	71.9		40-130
STL02580	13C7 PFUnA	69.8		40-130
STL02116	13C2 PFTeDA	47.8		20-130
2708218-83-9	13C3 PFBS	86.4		40-135
2708218-85-1	13C3 PFHxS	81.8		40-130
2265893-05-6	13C8 PFOS	74.3		40-130
STL01056	13C8 FOSA	75.5		40-130
1400690-70-1	d3-NMeFOSAA	71.0		40-135
1265205-97-7	d5-NEtFOSAA	71.6		40-150
STL02395	13C2 4:2 FTS	92.3		40-165
STL02279	13C2 6:2 FTS	92.5		40-215
STL02280	13C2 8:2 FTS	218		40-275
STL02255	13C3 HFPO-DA	86.7		40-130
STL02277	d7-N-MeFOSE-M	42.1		20-130
STL02278	d9-N-EtFOSE-M	38.7		15-130
STL02704	d5-NEtPFOSA	51.0		10-130
STL02705	d3-NMePFOSA	62.2		10-130
960315-52-0	13C2 PFDoA	64.0		40-130
STL03731	13C3-PFDoS	57.2		20-150
STL03747	13C3-3:3 FTCA	103		20-150
STL03748	13C3-5:3 FTCA	99.1		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 1-3'
Lab Sample ID: 480-240063-10

Matrix: Solid
Lab File ID: 26Jul10n-87.d

Analysis Method: 1633A
Date Collected: 07/01/2026 10:45

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.16(g)
Date Analyzed: 07/11/2026 15:17

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 6.3 % Solids: 93.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	
335-67-1	Perfluorooctanoic acid (PFOA)	0.088	J	0.20	0.059	
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.099	
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	UJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.099	UJ
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	UJ
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 1-3' Lab Sample ID: 480-240063-10

Matrix: Solid Lab File ID: 26Jul10n-87.d

Analysis Method: 1633A Date Collected: 07/01/2026 10:45

Extraction Method: 1633A Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.16(g) Date Analyzed: 07/11/2026 15:17

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 6.3 % Solids: 93.7 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742 Units: ng/g

Preparation Batch No.: 848843 Instrument ID: 30570

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.099	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.099	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	

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PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 1-3'
Lab Sample ID: 480-240063-10

Matrix: Solid
Lab File ID: 26Jul10n-87.d

Analysis Method: 1633A
Date Collected: 07/01/2026 10:45

Extraction Method: 1633A
Date Extracted: 07/09/2026 14:19

Sample wt/vol: 2.16(g)
Date Analyzed: 07/11/2026 15:17

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 6.3 % Solids: 93.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849742
Units: ng/g

Preparation Batch No.: 848843
Instrument ID: 30570

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	76.6		8-130
2283397-79-3	13C5 PFPeA	84.4		35-130
2328024-54-8	13C5 PFHxA	81.5		40-130
2328024-55-9	13C4 PFHpA	74.4		40-130
1350614-84-4	13C8 PFOA	64.5		40-130
2283397-80-6	13C9 PFNA	55.8		40-130
2328024-56-0	13C6 PFDA	40.7		40-130
STL02580	13C7 PFUnA	23.4	*5-	40-130
STL02116	13C2 PFTeDA	35.4		20-130
2708218-83-9	13C3 PFBS	62.4		40-135
2708218-85-1	13C3 PFHxS	41.2		40-130
2265893-05-6	13C8 PFOS	14.4	*5-	40-130
STL01056	13C8 FOSA	53.6		40-130
1400690-70-1	d3-NMeFOSAA	45.8		40-135
1265205-97-7	d5-NEtFOSAA	46.6		40-150
STL02395	13C2 4:2 FTS	101		40-165
STL02279	13C2 6:2 FTS	79.9		40-215
STL02280	13C2 8:2 FTS	149		40-275
STL02255	13C3 HFPO-DA	74.4		40-130
STL02277	d7-N-MeFOSE-M	42.9		20-130
STL02278	d9-N-EtFOSE-M	40.4		15-130
STL02704	d5-NEtPFOSA	38.7		10-130
STL02705	d3-NMePFOSA	46.4		10-130
960315-52-0	13C2 PFDoA	17.6	*5-	40-130
STL03731	13C3-PFDoS	32.7		20-150
STL03747	13C3-3:3 FTCA	81.9		20-150
STL03748	13C3-5:3 FTCA	75.0		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11

Matrix: Solid
Lab File ID: 26JUL17PC-120.d

Analysis Method: 1633A
Date Collected: 07/01/2026 10:45

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.37(g)
Date Analyzed: 07/18/2026 14:26

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.8 % Solids: 85.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.40	0.099
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.099
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.099
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 8-10' Lab Sample ID: 480-240063-11

Matrix: Solid Lab File ID: 26JUL17PC-120.d

Analysis Method: 1633A Date Collected: 07/01/2026 10:45

Extraction Method: 1633A Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.37(g) Date Analyzed: 07/18/2026 14:26

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.8 % Solids: 85.2 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419 Units: ng/g

Preparation Batch No.: 851001 Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.099	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.099	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	

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PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11

Matrix: Solid
Lab File ID: 26JUL17PC-120.d

Analysis Method: 1633A
Date Collected: 07/01/2026 10:45

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.37(g)
Date Analyzed: 07/18/2026 14:26

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.8 % Solids: 85.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	80.3		8-130
2283397-79-3	13C5 PFPeA	76.5		35-130
2328024-54-8	13C5 PFHxA	84.8		40-130
2328024-55-9	13C4 PFHpA	74.3		40-130
1350614-84-4	13C8 PFOA	78.9		40-130
2283397-80-6	13C9 PFNA	76.3		40-130
2328024-56-0	13C6 PFDA	79.5		40-130
STL02580	13C7 PFUnA	76.8		40-130
STL02116	13C2 PFTeDA	60.6		20-130
2708218-83-9	13C3 PFBS	76.3		40-135
2708218-85-1	13C3 PFHxS	75.7		40-130
2265893-05-6	13C8 PFOS	67.9		40-130
STL01056	13C8 FOSA	74.5		40-130
1400690-70-1	d3-NMeFOSAA	61.7		40-135
1265205-97-7	d5-NEtFOSAA	58.1		40-150
STL02395	13C2 4:2 FTS	82.6		40-165
STL02279	13C2 6:2 FTS	90.7		40-215
STL02280	13C2 8:2 FTS	176		40-275
STL02255	13C3 HFPO-DA	83.0		40-130
STL02277	d7-N-MeFOSE-M	46.8		20-130
STL02278	d9-N-EtFOSE-M	44.3		15-130
STL02704	d5-NEtPFOSA	48.1		10-130
STL02705	d3-NMePFOSA	59.8		10-130
960315-52-0	13C2 PFDoA	67.9		40-130
STL03731	13C3-PFDoS	57.9		20-150
STL03747	13C3-3:3 FTCA	89.0		20-150
STL03748	13C3-5:3 FTCA	94.3		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12

Matrix: Solid
Lab File ID: 26JUL17PC-121.d

Analysis Method: 1633A
Date Collected: 07/01/2026 10:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.50(g)
Date Analyzed: 07/18/2026 14:40

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 18.3 % Solids: 81.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3' Lab Sample ID: 480-240063-12

Matrix: Solid Lab File ID: 26JUL17PC-121.d

Analysis Method: 1633A Date Collected: 07/01/2026 10:00

Extraction Method: 1633A Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.50(g) Date Analyzed: 07/18/2026 14:40

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 18.3 % Solids: 81.7 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419 Units: ng/g

Preparation Batch No.: 851001 Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12

Matrix: Solid
Lab File ID: 26JUL17PC-121.d

Analysis Method: 1633A
Date Collected: 07/01/2026 10:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.50(g)
Date Analyzed: 07/18/2026 14:40

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 18.3 % Solids: 81.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	80.0		8-130
2283397-79-3	13C5 PFPeA	81.3		35-130
2328024-54-8	13C5 PFHxA	82.1		40-130
2328024-55-9	13C4 PFHpA	79.6		40-130
1350614-84-4	13C8 PFOA	75.9		40-130
2283397-80-6	13C9 PFNA	70.0		40-130
2328024-56-0	13C6 PFDA	70.9		40-130
STL02580	13C7 PFUnA	74.9		40-130
STL02116	13C2 PFTeDA	53.9		20-130
2708218-83-9	13C3 PFBS	77.4		40-135
2708218-85-1	13C3 PFHxS	72.2		40-130
2265893-05-6	13C8 PFOS	60.6		40-130
STL01056	13C8 FOSA	68.2		40-130
1400690-70-1	d3-NMeFOSAA	58.1		40-135
1265205-97-7	d5-NEtFOSAA	52.5		40-150
STL02395	13C2 4:2 FTS	80.2		40-165
STL02279	13C2 6:2 FTS	95.1		40-215
STL02280	13C2 8:2 FTS	170		40-275
STL02255	13C3 HFPO-DA	88.1		40-130
STL02277	d7-N-MeFOSE-M	47.7		20-130
STL02278	d9-N-EtFOSE-M	47.7		15-130
STL02704	d5-NEtPFOSA	45.2		10-130
STL02705	d3-NMePFOSA	58.4		10-130
960315-52-0	13C2 PFDoA	59.8		40-130
STL03731	13C3-PFDoS	52.5		20-150
STL03747	13C3-3:3 FTCA	89.8		20-150
STL03748	13C3-5:3 FTCA	97.3		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13

Matrix: Solid
Lab File ID: 26JUL17PC-122.d

Analysis Method: 1633A
Date Collected: 07/01/2026 10:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.40(g)
Date Analyzed: 07/18/2026 14:54

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.4 % Solids: 85.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.097
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.097
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13

Matrix: Solid
Lab File ID: 26JUL17PC-122.d

Analysis Method: 1633A
Date Collected: 07/01/2026 10:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.40(g)
Date Analyzed: 07/18/2026 14:54

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.4 % Solids: 85.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.097	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.097	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13

Matrix: Solid
Lab File ID: 26JUL17PC-122.d

Analysis Method: 1633A
Date Collected: 07/01/2026 10:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.40(g)
Date Analyzed: 07/18/2026 14:54

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 14.4 % Solids: 85.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	85.1		8-130
2283397-79-3	13C5 PFPeA	80.9		35-130
2328024-54-8	13C5 PFHxA	87.2		40-130
2328024-55-9	13C4 PFHpA	73.2		40-130
1350614-84-4	13C8 PFOA	77.2		40-130
2283397-80-6	13C9 PFNA	74.8		40-130
2328024-56-0	13C6 PFDA	69.8		40-130
STL02580	13C7 PFUnA	71.5		40-130
STL02116	13C2 PFTeDA	48.4		20-130
2708218-83-9	13C3 PFBS	74.1		40-135
2708218-85-1	13C3 PFHxS	70.6		40-130
2265893-05-6	13C8 PFOS	56.6		40-130
STL01056	13C8 FOSA	72.7		40-130
1400690-70-1	d3-NMeFOSAA	56.6		40-135
1265205-97-7	d5-NEtFOSAA	53.2		40-150
STL02395	13C2 4:2 FTS	110		40-165
STL02279	13C2 6:2 FTS	118		40-215
STL02280	13C2 8:2 FTS	155		40-275
STL02255	13C3 HFPO-DA	84.9		40-130
STL02277	d7-N-MeFOSE-M	50.9		20-130
STL02278	d9-N-EtFOSE-M	49.0		15-130
STL02704	d5-NEtPFOSA	51.4		10-130
STL02705	d3-NMePFOSA	65.3		10-130
960315-52-0	13C2 PFDoA	64.9		40-130
STL03731	13C3-PFDoS	44.1		20-150
STL03747	13C3-3:3 FTCA	92.4		20-150
STL03748	13C3-5:3 FTCA	95.0		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14

Matrix: Solid
Lab File ID: 26JUL17PC-123.d

Analysis Method: 1633A
Date Collected: 07/01/2026 08:45

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.28(g)
Date Analyzed: 07/18/2026 15:07

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 10.4 % Solids: 89.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.11	J	0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14

Matrix: Solid
Lab File ID: 26JUL17PC-123.d

Analysis Method: 1633A
Date Collected: 07/01/2026 08:45

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.28(g)
Date Analyzed: 07/18/2026 15:07

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 10.4 % Solids: 89.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14

Matrix: Solid
Lab File ID: 26JUL17PC-123.d

Analysis Method: 1633A
Date Collected: 07/01/2026 08:45

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.28(g)
Date Analyzed: 07/18/2026 15:07

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 10.4 % Solids: 89.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	76.6		8-130
2283397-79-3	13C5 PFPeA	70.4		35-130
2328024-54-8	13C5 PFHxA	80.6		40-130
2328024-55-9	13C4 PFHpA	67.9		40-130
1350614-84-4	13C8 PFOA	69.8		40-130
2283397-80-6	13C9 PFNA	70.6		40-130
2328024-56-0	13C6 PFDA	72.2		40-130
STL02580	13C7 PFUnA	77.2		40-130
STL02116	13C2 PFTeDA	57.9		20-130
2708218-83-9	13C3 PFBS	70.4		40-135
2708218-85-1	13C3 PFHxS	69.7		40-130
2265893-05-6	13C8 PFOS	65.9		40-130
STL01056	13C8 FOSA	70.2		40-130
1400690-70-1	d3-NMeFOSAA	59.2		40-135
1265205-97-7	d5-NEtFOSAA	56.2		40-150
STL02395	13C2 4:2 FTS	75.1		40-165
STL02279	13C2 6:2 FTS	91.5		40-215
STL02280	13C2 8:2 FTS	192		40-275
STL02255	13C3 HFPO-DA	82.3		40-130
STL02277	d7-N-MeFOSE-M	55.3		20-130
STL02278	d9-N-EtFOSE-M	56.0		15-130
STL02704	d5-NEtPFOSA	52.2		10-130
STL02705	d3-NMePFOSA	63.1		10-130
960315-52-0	13C2 PFDoA	66.8		40-130
STL03731	13C3-PFDoS	60.9		20-150
STL03747	13C3-3:3 FTCA	79.8		20-150
STL03748	13C3-5:3 FTCA	88.1		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15

Matrix: Solid
Lab File ID: 26JUL17PC-124.d

Analysis Method: 1633A
Date Collected: 07/01/2026 08:45

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.41(g)
Date Analyzed: 07/18/2026 15:21

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.7 % Solids: 86.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.38	0.096
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.096
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.096
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 4-6' Lab Sample ID: 480-240063-15

Matrix: Solid Lab File ID: 26JUL17PC-124.d

Analysis Method: 1633A Date Collected: 07/01/2026 08:45

Extraction Method: 1633A Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.41(g) Date Analyzed: 07/18/2026 15:21

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.7 % Solids: 86.3 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419 Units: ng/g

Preparation Batch No.: 851001 Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.096	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.096	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15

Matrix: Solid
Lab File ID: 26JUL17PC-124.d

Analysis Method: 1633A
Date Collected: 07/01/2026 08:45

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.41(g)
Date Analyzed: 07/18/2026 15:21

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.7 % Solids: 86.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	75.2		8-130
2283397-79-3	13C5 PFPeA	71.2		35-130
2328024-54-8	13C5 PFHxA	77.6		40-130
2328024-55-9	13C4 PFHpA	68.8		40-130
1350614-84-4	13C8 PFOA	74.1		40-130
2283397-80-6	13C9 PFNA	73.5		40-130
2328024-56-0	13C6 PFDA	69.8		40-130
STL02580	13C7 PFUnA	71.8		40-130
STL02116	13C2 PFTeDA	49.6		20-130
2708218-83-9	13C3 PFBS	65.7		40-135
2708218-85-1	13C3 PFHxS	64.5		40-130
2265893-05-6	13C8 PFOS	61.9		40-130
STL01056	13C8 FOSA	70.6		40-130
1400690-70-1	d3-NMeFOSAA	61.0		40-135
1265205-97-7	d5-NEtFOSAA	58.0		40-150
STL02395	13C2 4:2 FTS	69.1		40-165
STL02279	13C2 6:2 FTS	83.0		40-215
STL02280	13C2 8:2 FTS	160		40-275
STL02255	13C3 HFPO-DA	79.6		40-130
STL02277	d7-N-MeFOSE-M	44.7		20-130
STL02278	d9-N-EtFOSE-M	40.9		15-130
STL02704	d5-NEtPFOSA	43.2		10-130
STL02705	d3-NMePFOSA	57.1		10-130
960315-52-0	13C2 PFDoA	62.0		40-130
STL03731	13C3-PFDoS	52.3		20-150
STL03747	13C3-3:3 FTCA	80.3		20-150
STL03748	13C3-5:3 FTCA	86.8		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16

Matrix: Solid
Lab File ID: 26JUL17PC-125.d

Analysis Method: 1633A
Date Collected: 07/01/2026 09:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.47(g)
Date Analyzed: 07/18/2026 15:34

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.1 % Solids: 83.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.096
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.096
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.13	J	0.19	0.096
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.26		0.19	0.096
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16

Matrix: Solid
Lab File ID: 26JUL17PC-125.d

Analysis Method: 1633A
Date Collected: 07/01/2026 09:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.47(g)
Date Analyzed: 07/18/2026 15:34

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.1 % Solids: 83.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.096	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.096	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16

Matrix: Solid
Lab File ID: 26JUL17PC-125.d

Analysis Method: 1633A
Date Collected: 07/01/2026 09:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.47(g)
Date Analyzed: 07/18/2026 15:34

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.1 % Solids: 83.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	78.5		8-130
2283397-79-3	13C5 PFPeA	68.9		35-130
2328024-54-8	13C5 PFHxA	83.4		40-130
2328024-55-9	13C4 PFHpA	69.9		40-130
1350614-84-4	13C8 PFOA	76.0		40-130
2283397-80-6	13C9 PFNA	74.5		40-130
2328024-56-0	13C6 PFDA	77.3		40-130
STL02580	13C7 PFUnA	76.7		40-130
STL02116	13C2 PFTeDA	56.7		20-130
2708218-83-9	13C3 PFBS	71.1		40-135
2708218-85-1	13C3 PFHxS	65.7		40-130
2265893-05-6	13C8 PFOS	64.1		40-130
STL01056	13C8 FOSA	73.0		40-130
1400690-70-1	d3-NMeFOSAA	62.0		40-135
1265205-97-7	d5-NEtFOSAA	56.0		40-150
STL02395	13C2 4:2 FTS	73.3		40-165
STL02279	13C2 6:2 FTS	82.9		40-215
STL02280	13C2 8:2 FTS	166		40-275
STL02255	13C3 HFPO-DA	78.8		40-130
STL02277	d7-N-MeFOSE-M	42.2		20-130
STL02278	d9-N-EtFOSE-M	33.6		15-130
STL02704	d5-NEtPFOSA	51.5		10-130
STL02705	d3-NMePFOSA	62.7		10-130
960315-52-0	13C2 PFDoA	65.4		40-130
STL03731	13C3-PFDoS	59.2		20-150
STL03747	13C3-3:3 FTCA	84.4		20-150
STL03748	13C3-5:3 FTCA	88.7		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 4-6'
Lab Sample ID: 480-240063-17

Matrix: Solid
Lab File ID: 26JUL17PC-126.d

Analysis Method: 1633A
Date Collected: 07/01/2026 09:15

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.36(g)
Date Analyzed: 07/18/2026 15:48

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.5 % Solids: 86.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 4-6' Lab Sample ID: 480-240063-17

Matrix: Solid Lab File ID: 26JUL17PC-126.d

Analysis Method: 1633A Date Collected: 07/01/2026 09:15

Extraction Method: 1633A Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.36(g) Date Analyzed: 07/18/2026 15:48

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.5 % Solids: 86.5 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419 Units: ng/g

Preparation Batch No.: 851001 Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 4-6'
Lab Sample ID: 480-240063-17

Matrix: Solid
Lab File ID: 26JUL17PC-126.d

Analysis Method: 1633A
Date Collected: 07/01/2026 09:15

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.36(g)
Date Analyzed: 07/18/2026 15:48

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.5 % Solids: 86.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	78.8		8-130
2283397-79-3	13C5 PFPeA	73.1		35-130
2328024-54-8	13C5 PFHxA	80.4		40-130
2328024-55-9	13C4 PFHpA	68.6		40-130
1350614-84-4	13C8 PFOA	75.4		40-130
2283397-80-6	13C9 PFNA	70.9		40-130
2328024-56-0	13C6 PFDA	67.7		40-130
STL02580	13C7 PFUnA	69.1		40-130
STL02116	13C2 PFTeDA	48.6		20-130
2708218-83-9	13C3 PFBS	67.9		40-135
2708218-85-1	13C3 PFHxS	67.5		40-130
2265893-05-6	13C8 PFOS	57.9		40-130
STL01056	13C8 FOSA	67.1		40-130
1400690-70-1	d3-NMeFOSAA	57.1		40-135
1265205-97-7	d5-NEtFOSAA	54.6		40-150
STL02395	13C2 4:2 FTS	70.8		40-165
STL02279	13C2 6:2 FTS	84.1		40-215
STL02280	13C2 8:2 FTS	146		40-275
STL02255	13C3 HFPO-DA	80.4		40-130
STL02277	d7-N-MeFOSE-M	35.9		20-130
STL02278	d9-N-EtFOSE-M	31.5		15-130
STL02704	d5-NEtPFOSA	47.8		10-130
STL02705	d3-NMePFOSA	57.7		10-130
960315-52-0	13C2 PFDoA	59.7		40-130
STL03731	13C3-PFDoS	51.8		20-150
STL03747	13C3-3:3 FTCA	87.9		20-150
STL03748	13C3-5:3 FTCA	84.3		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18

Matrix: Solid
Lab File ID: 26JUL17PC-127.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.50(g)
Date Analyzed: 07/18/2026 16:01

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.7 % Solids: 83.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.38	0.096
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.096
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.096
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18

Matrix: Solid
Lab File ID: 26JUL17PC-127.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.50(g)
Date Analyzed: 07/18/2026 16:01

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.7 % Solids: 83.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.096	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.096	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18

Matrix: Solid
Lab File ID: 26JUL17PC-127.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.50(g)
Date Analyzed: 07/18/2026 16:01

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 16.7 % Solids: 83.3
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	86.8		8-130
2283397-79-3	13C5 PFPeA	77.4		35-130
2328024-54-8	13C5 PFHxA	88.8		40-130
2328024-55-9	13C4 PFHpA	80.1		40-130
1350614-84-4	13C8 PFOA	79.8		40-130
2283397-80-6	13C9 PFNA	78.5		40-130
2328024-56-0	13C6 PFDA	74.3		40-130
STL02580	13C7 PFUnA	77.8		40-130
STL02116	13C2 PFTeDA	54.4		20-130
2708218-83-9	13C3 PFBS	83.4		40-135
2708218-85-1	13C3 PFHxS	79.7		40-130
2265893-05-6	13C8 PFOS	66.9		40-130
STL01056	13C8 FOSA	74.4		40-130
1400690-70-1	d3-NMeFOSAA	61.2		40-135
1265205-97-7	d5-NEtFOSAA	58.4		40-150
STL02395	13C2 4:2 FTS	79.2		40-165
STL02279	13C2 6:2 FTS	95.4		40-215
STL02280	13C2 8:2 FTS	166		40-275
STL02255	13C3 HFPO-DA	84.3		40-130
STL02277	d7-N-MeFOSE-M	43.4		20-130
STL02278	d9-N-EtFOSE-M	38.6		15-130
STL02704	d5-NEtPFOSA	50.1		10-130
STL02705	d3-NMePFOSA	64.7		10-130
960315-52-0	13C2 PFDoA	64.6		40-130
STL03731	13C3-PFDoS	55.4		20-150
STL03747	13C3-3:3 FTCA	92.5		20-150
STL03748	13C3-5:3 FTCA	85.9		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19

Matrix: Solid
Lab File ID: 26JUL17PC-128.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.44(g)
Date Analyzed: 07/18/2026 16:15

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.6 % Solids: 84.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.39	0.097
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.19	0.097
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.097
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6' Lab Sample ID: 480-240063-19

Matrix: Solid Lab File ID: 26JUL17PC-128.d

Analysis Method: 1633A Date Collected: 07/01/2026 12:00

Extraction Method: 1633A Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.44(g) Date Analyzed: 07/18/2026 16:15

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.6 % Solids: 84.4 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419 Units: ng/g

Preparation Batch No.: 851001 Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.097	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.097	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19

Matrix: Solid
Lab File ID: 26JUL17PC-128.d

Analysis Method: 1633A
Date Collected: 07/01/2026 12:00

Extraction Method: 1633A
Date Extracted: 07/14/2026 07:54

Sample wt/vol: 2.44(g)
Date Analyzed: 07/18/2026 16:15

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.6 % Solids: 84.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 853419
Units: ng/g

Preparation Batch No.: 851001
Instrument ID: 30576

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	87.5		8-130
2283397-79-3	13C5 PFPeA	80.8		35-130
2328024-54-8	13C5 PFHxA	86.3		40-130
2328024-55-9	13C4 PFHpA	76.1		40-130
1350614-84-4	13C8 PFOA	80.8		40-130
2283397-80-6	13C9 PFNA	80.4		40-130
2328024-56-0	13C6 PFDA	77.6		40-130
STL02580	13C7 PFUnA	80.4		40-130
STL02116	13C2 PFTeDA	59.3		20-130
2708218-83-9	13C3 PFBS	81.2		40-135
2708218-85-1	13C3 PFHxS	75.2		40-130
2265893-05-6	13C8 PFOS	72.0		40-130
STL01056	13C8 FOSA	74.9		40-130
1400690-70-1	d3-NMeFOSAA	66.1		40-135
1265205-97-7	d5-NEtFOSAA	58.0		40-150
STL02395	13C2 4:2 FTS	85.6		40-165
STL02279	13C2 6:2 FTS	96.3		40-215
STL02280	13C2 8:2 FTS	168		40-275
STL02255	13C3 HFPO-DA	85.1		40-130
STL02277	d7-N-MeFOSE-M	49.0		20-130
STL02278	d9-N-EtFOSE-M	47.3		15-130
STL02704	d5-NEtPFOSA	51.7		10-130
STL02705	d3-NMePFOSA	65.7		10-130
960315-52-0	13C2 PFDoA	68.2		40-130
STL03731	13C3-PFDoS	63.1		20-150
STL03747	13C3-3:3 FTCA	95.4		20-150
STL03748	13C3-5:3 FTCA	89.3		20-150

METALS

COVER PAGE
METALS

Lab Name: Eurofins Buffalo Job Number: 480-240063-1

SDG No.:

Project: 375 Michigan Remedial Investigation

Client Sample ID	Lab Sample ID
RI-BH-3 1-3'	480-240063-1
RI-BH-4 1-3'	480-240063-2
RI-BH-9 1-3'	480-240063-3
RI-BH-10 1-3'	480-240063-4
RI-BH-11 1-3'	480-240063-5
RI-BH-1 1-3'	480-240063-6
RI-BH-1 8-10'	480-240063-7
RI-BH-2 1-3'	480-240063-8
RI-BH-2 8-10	480-240063-9
RI-BH-8 1-3'	480-240063-10
RI-BH-8 8-10'	480-240063-11
RI-BH-12 1-3'	480-240063-12
RI-BH-12 8-10	480-240063-13
RI-BH-5 1-3'	480-240063-14
RI-BH-5 4-6'	480-240063-15
RI-BH-6 1-3'	480-240063-16
RI-BH-6 4-6'	480-240063-17
RI-BH-7 1-3'	480-240063-18
RI-BH-7 4-6'	480-240063-19

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-3 1-3' | Lab Sample ID: 480-240063-1

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 12:45

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779834 | Instrument ID: ICAP4

% Solids: 89.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	5510	11.5	9.9	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	17.2	0.61	mg/Kg			1	6010D	
7440-38-2	Arsenic	8.2	2.3	1.0	mg/Kg			1	6010D	
7440-39-3	Barium	110	0.57	0.16	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.25	0.23	0.046	mg/Kg			1	6010D	
7440-43-9	Cadmium	1.6	0.23	0.080	mg/Kg			1	6010D	
7440-70-2	Calcium	123000	286	155	mg/Kg			5	6010D	
7440-47-3	Chromium	12.0	0.57	0.41	mg/Kg			1	6010D	
7440-48-4	Cobalt	3.5	0.57	0.11	mg/Kg			1	6010D	
7440-50-8	Copper	17.3	1.1	0.65	mg/Kg			1	6010D	
7439-89-6	Iron	7770	11.5	9.7	mg/Kg			1	6010D	
7439-92-1	Lead	1690	1.1	0.53	mg/Kg			1	6010D	
7439-95-4	Magnesium	4460	22.9	9.7	mg/Kg			1	6010D	
7439-96-5	Manganese	168	1.1	0.32	mg/Kg			1	6010D	
7440-02-0	Nickel	9.1	5.7	0.29	mg/Kg			1	6010D	
7440-09-7	Potassium	1220	34.4	27.8	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.6	0.92	mg/Kg			1	6010D	
7440-22-4	Silver	ND	0.69	0.23	mg/Kg		^5-	1	6010D	UJ
7440-23-5	Sodium	299	160	70.2	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.9	0.87	mg/Kg			1	6010D	
7440-62-2	Vanadium	21.2	0.57	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	240	2.3	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	1.3	0.022	0.0050	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-4 1-3' | Lab Sample ID: 480-240063-2

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 12:15

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779834 | Instrument ID: ICAP4

% Solids: 86.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	18000	11.9	10.2	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	17.8	0.63	mg/Kg			1	6010D	
7440-38-2	Arsenic	5.3	2.4	1.0	mg/Kg			1	6010D	
7440-39-3	Barium	116	0.59	0.17	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.91	0.24	0.047	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.28	0.24	0.083	mg/Kg			1	6010D	
7440-70-2	Calcium	160000	297	160	mg/Kg			5	6010D	
7440-47-3	Chromium	22.9	0.59	0.43	mg/Kg			1	6010D	
7440-48-4	Cobalt	9.3	0.59	0.12	mg/Kg			1	6010D	
7440-50-8	Copper	19.7	1.2	0.68	mg/Kg			1	6010D	
7439-89-6	Iron	19600	11.9	10.1	mg/Kg			1	6010D	
7439-92-1	Lead	67.5	1.2	0.55	mg/Kg			1	6010D	
7439-95-4	Magnesium	14700	23.7	10.1	mg/Kg			1	6010D	
7439-96-5	Manganese	433	1.2	0.33	mg/Kg			1	6010D	
7440-02-0	Nickel	20.4	5.9	0.30	mg/Kg			1	6010D	
7440-09-7	Potassium	4920	35.6	28.8	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.7	0.95	mg/Kg			1	6010D	
7440-22-4	Silver	0.46	0.71	0.24	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	375	166	72.7	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	7.1	0.90	mg/Kg			1	6010D	
7440-62-2	Vanadium	33.7	0.59	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	83.6	2.4	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	0.055	0.024	0.0055	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-9 1-3'
Lab Sample ID: 480-240063-3
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 11:30
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 779834
Instrument ID: ICAP4
% Solids: 80.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	4640	12.4	10.7	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	18.5	0.66	mg/Kg			1	6010D	
7440-38-2	Arsenic	2.7	2.5	1.1	mg/Kg			1	6010D	
7440-39-3	Barium	54.6	0.62	0.17	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.19	0.25	0.049	mg/Kg	J		1	6010D	
7440-43-9	Cadmium	0.19	0.25	0.087	mg/Kg	J		1	6010D	
7440-70-2	Calcium	44500	61.8	33.4	mg/Kg			1	6010D	
7440-47-3	Chromium	8.2	0.62	0.45	mg/Kg			1	6010D	
7440-48-4	Cobalt	2.2	0.62	0.12	mg/Kg			1	6010D	
7440-50-8	Copper	5.6	1.2	0.70	mg/Kg			1	6010D	
7439-89-6	Iron	8200	12.4	10.5	mg/Kg			1	6010D	
7439-92-1	Lead	115	1.2	0.57	mg/Kg			1	6010D	
7439-95-4	Magnesium	18100	24.7	10.5	mg/Kg			1	6010D	
7439-96-5	Manganese	195	1.2	0.35	mg/Kg			1	6010D	
7440-02-0	Nickel	4.3	6.2	0.31	mg/Kg	J		1	6010D	
7440-09-7	Potassium	1040	37.1	30.0	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.9	0.99	mg/Kg			1	6010D	
7440-22-4	Silver	ND	0.74	0.25	mg/Kg		^5-	1	6010D	UJ
7440-23-5	Sodium	343	173	75.8	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	7.4	0.94	mg/Kg			1	6010D	
7440-62-2	Vanadium	16.1	0.62	0.16	mg/Kg			1	6010D	
7440-66-6	Zinc	96.2	2.5	1.3	mg/Kg			1	6010D	
7439-97-6	Mercury	0.15	0.024	0.0055	mg/Kg		F1 F2	1	7471B	J-

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-10 1-3' | Lab Sample ID: 480-240063-4

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 11:00

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779834 | Instrument ID: ICAP4

% Solids: 85.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	20400	11.5	9.9	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	17.2	0.61	mg/Kg			1	6010D	
7440-38-2	Arsenic	4.9	2.3	1.0	mg/Kg			1	6010D	
7440-39-3	Barium	126	0.57	0.16	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.82	0.23	0.046	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.34	0.23	0.080	mg/Kg			1	6010D	
7440-70-2	Calcium	31200	57.3	30.9	mg/Kg			1	6010D	
7440-47-3	Chromium	25.3	0.57	0.41	mg/Kg			1	6010D	
7440-48-4	Cobalt	11.0	0.57	0.11	mg/Kg			1	6010D	
7440-50-8	Copper	19.9	1.1	0.65	mg/Kg			1	6010D	
7439-89-6	Iron	23500	11.5	9.7	mg/Kg			1	6010D	
7439-92-1	Lead	107	1.1	0.53	mg/Kg			1	6010D	
7439-95-4	Magnesium	13500	22.9	9.7	mg/Kg			1	6010D	
7439-96-5	Manganese	460	1.1	0.32	mg/Kg			1	6010D	
7440-02-0	Nickel	22.0	5.7	0.29	mg/Kg			1	6010D	
7440-09-7	Potassium	4770	34.4	27.8	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.6	0.92	mg/Kg			1	6010D	
7440-22-4	Silver	0.47	0.69	0.23	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	196	160	70.3	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.9	0.87	mg/Kg			1	6010D	
7440-62-2	Vanadium	39.8	0.57	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	117	2.3	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	0.40	0.024	0.0055	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 11:15
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 779834
Instrument ID: ICAP4
% Solids: 88.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	21300	11.0	9.5	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	16.5	0.58	mg/Kg			1	6010D	
7440-38-2	Arsenic	2.6	2.2	0.97	mg/Kg			1	6010D	
7440-39-3	Barium	108	0.55	0.15	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.82	0.22	0.044	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.28	0.22	0.077	mg/Kg			1	6010D	
7440-70-2	Calcium	66400	55.1	29.8	mg/Kg			1	6010D	
7440-47-3	Chromium	25.6	0.55	0.40	mg/Kg			1	6010D	
7440-48-4	Cobalt	11.2	0.55	0.11	mg/Kg			1	6010D	
7440-50-8	Copper	15.3	1.1	0.63	mg/Kg			1	6010D	
7439-89-6	Iron	20900	11.0	9.4	mg/Kg			1	6010D	
7439-92-1	Lead	8.9	1.1	0.51	mg/Kg			1	6010D	
7439-95-4	Magnesium	23300	22.1	9.4	mg/Kg			1	6010D	
7439-96-5	Manganese	445	1.1	0.31	mg/Kg			1	6010D	
7440-02-0	Nickel	22.0	5.5	0.28	mg/Kg			1	6010D	
7440-09-7	Potassium	6800	33.1	26.7	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.4	0.88	mg/Kg			1	6010D	
7440-22-4	Silver	0.41	0.66	0.22	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	377	154	67.6	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.6	0.84	mg/Kg			1	6010D	
7440-62-2	Vanadium	36.4	0.55	0.14	mg/Kg			1	6010D	
7440-66-6	Zinc	74.6	2.2	1.1	mg/Kg			1	6010D	
7439-97-6	Mercury	0.018	0.023	0.0052	mg/Kg	J		1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-1 1-3' | Lab Sample ID: 480-240063-6

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 13:00

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779835 | Instrument ID: ICAP4

% Solids: 70.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	18700	14.4	12.5	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	21.7	0.77	mg/Kg			1	6010D	
7440-38-2	Arsenic	3.9	2.9	1.3	mg/Kg			1	6010D	
7440-39-3	Barium	111	0.72	0.20	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.74	0.29	0.058	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.37	0.29	0.10	mg/Kg			1	6010D	
7440-70-2	Calcium	81200	72.2	39.0	mg/Kg			1	6010D	
7440-47-3	Chromium	23.3	0.72	0.52	mg/Kg			1	6010D	
7440-48-4	Cobalt	7.4	0.72	0.14	mg/Kg			1	6010D	
7440-50-8	Copper	16.5	1.4	0.82	mg/Kg			1	6010D	
7439-89-6	Iron	21200	14.4	12.2	mg/Kg			1	6010D	
7439-92-1	Lead	7.3	1.4	0.66	mg/Kg			1	6010D	
7439-95-4	Magnesium	32400	28.9	12.2	mg/Kg			1	6010D	
7439-96-5	Manganese	427	1.4	0.40	mg/Kg			1	6010D	
7440-02-0	Nickel	17.5	7.2	0.36	mg/Kg			1	6010D	
7440-09-7	Potassium	5640	43.3	35.0	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	5.8	1.2	mg/Kg			1	6010D	
7440-22-4	Silver	0.48	0.87	0.29	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	459	202	88.6	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	8.7	1.1	mg/Kg			1	6010D	
7440-62-2	Vanadium	36.2	0.72	0.19	mg/Kg			1	6010D	
7440-66-6	Zinc	90.3	2.9	1.5	mg/Kg			1	6010D	
7439-97-6	Mercury	0.015	0.029	0.0066	mg/Kg	J		1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-1 8-10' | Lab Sample ID: 480-240063-7

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 13:00

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779835 | Instrument ID: ICAP4

% Solids: 85.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	20600	11.9	10.3	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	17.9	0.63	mg/Kg			1	6010D	
7440-38-2	Arsenic	2.7	2.4	1.1	mg/Kg			1	6010D	
7440-39-3	Barium	149	0.60	0.17	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.82	0.24	0.048	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.28	0.24	0.084	mg/Kg			1	6010D	
7440-70-2	Calcium	63700	59.7	32.2	mg/Kg			1	6010D	
7440-47-3	Chromium	24.5	0.60	0.43	mg/Kg			1	6010D	
7440-48-4	Cobalt	11.3	0.60	0.12	mg/Kg			1	6010D	
7440-50-8	Copper	17.5	1.2	0.68	mg/Kg			1	6010D	
7439-89-6	Iron	21800	11.9	10.1	mg/Kg			1	6010D	
7439-92-1	Lead	10.0	1.2	0.55	mg/Kg			1	6010D	
7439-95-4	Magnesium	26500	23.9	10.1	mg/Kg			1	6010D	
7439-96-5	Manganese	470	1.2	0.33	mg/Kg			1	6010D	
7440-02-0	Nickel	20.8	6.0	0.30	mg/Kg			1	6010D	
7440-09-7	Potassium	7090	35.8	28.9	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.8	0.96	mg/Kg			1	6010D	
7440-22-4	Silver	0.48	0.72	0.24	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	541	167	73.2	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	7.2	0.91	mg/Kg			1	6010D	
7440-62-2	Vanadium	38.5	0.60	0.16	mg/Kg			1	6010D	
7440-66-6	Zinc	74.7	2.4	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	0.011	0.025	0.0056	mg/Kg	J		1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-2 1-3' | Lab Sample ID: 480-240063-8

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 12:40

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779835 | Instrument ID: ICAP4

% Solids: 83.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	18600	12.0	10.3	mg/Kg			1	6010D
7440-36-0	Antimony	ND	17.9	0.63	mg/Kg			1	6010D
7440-38-2	Arsenic	3.0	2.4	1.1	mg/Kg			1	6010D
7440-39-3	Barium	124	0.60	0.17	mg/Kg			1	6010D
7440-41-7	Beryllium	0.72	0.24	0.048	mg/Kg			1	6010D
7440-43-9	Cadmium	0.31	0.24	0.084	mg/Kg			1	6010D
7440-70-2	Calcium	79900	59.8	32.3	mg/Kg			1	6010D
7440-47-3	Chromium	21.8	0.60	0.43	mg/Kg			1	6010D
7440-48-4	Cobalt	10.0	0.60	0.12	mg/Kg			1	6010D
7440-50-8	Copper	14.7	1.2	0.68	mg/Kg			1	6010D
7439-89-6	Iron	19500	12.0	10.1	mg/Kg			1	6010D
7439-92-1	Lead	12.0	1.2	0.55	mg/Kg			1	6010D
7439-95-4	Magnesium	30600	23.9	10.1	mg/Kg			1	6010D
7439-96-5	Manganese	453	1.2	0.33	mg/Kg			1	6010D
7440-02-0	Nickel	18.7	6.0	0.30	mg/Kg			1	6010D
7440-09-7	Potassium	6230	35.9	29.0	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.8	0.96	mg/Kg			1	6010D
7440-22-4	Silver	0.42	0.72	0.24	mg/Kg	J	^5-	1	6010D
7440-23-5	Sodium	424	167	73.3	mg/Kg			1	6010D
7440-28-0	Thallium	ND	7.2	0.91	mg/Kg			1	6010D
7440-62-2	Vanadium	32.4	0.60	0.16	mg/Kg			1	6010D
7440-66-6	Zinc	76.7	2.4	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.017	0.023	0.0054	mg/Kg	J		1	7471B

J

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-2 8-10 | Lab Sample ID: 480-240063-9

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 12:40

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779835 | Instrument ID: ICAP4

% Solids: 85.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	18000	11.3	9.7	mg/Kg			1	6010D
7440-36-0	Antimony	ND	17.0	0.60	mg/Kg			1	6010D
7440-38-2	Arsenic	4.3	2.3	0.99	mg/Kg			1	6010D
7440-39-3	Barium	116	0.57	0.16	mg/Kg			1	6010D
7440-41-7	Beryllium	0.73	0.23	0.045	mg/Kg			1	6010D
7440-43-9	Cadmium	0.28	0.23	0.079	mg/Kg			1	6010D
7440-70-2	Calcium	66900	56.5	30.5	mg/Kg			1	6010D
7440-47-3	Chromium	22.0	0.57	0.41	mg/Kg			1	6010D
7440-48-4	Cobalt	9.9	0.57	0.11	mg/Kg			1	6010D
7440-50-8	Copper	16.2	1.1	0.64	mg/Kg			1	6010D
7439-89-6	Iron	20600	11.3	9.6	mg/Kg			1	6010D
7439-92-1	Lead	8.7	1.1	0.52	mg/Kg			1	6010D
7439-95-4	Magnesium	28600	22.6	9.6	mg/Kg			1	6010D
7439-96-5	Manganese	481	1.1	0.32	mg/Kg			1	6010D
7440-02-0	Nickel	20.5	5.7	0.28	mg/Kg			1	6010D
7440-09-7	Potassium	6030	33.9	27.4	mg/Kg			1	6010D
7782-49-2	Selenium	ND	4.5	0.90	mg/Kg			1	6010D
7440-22-4	Silver	0.41	0.68	0.23	mg/Kg	J	^5-	1	6010D
7440-23-5	Sodium	408	158	69.3	mg/Kg			1	6010D
7440-28-0	Thallium	ND	6.8	0.86	mg/Kg			1	6010D
7440-62-2	Vanadium	34.9	0.57	0.15	mg/Kg			1	6010D
7440-66-6	Zinc	74.2	2.3	1.2	mg/Kg			1	6010D
7439-97-6	Mercury	0.012	0.023	0.0053	mg/Kg	J		1	7471B

J

MKP 7/28/2026

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-8 1-3' | Lab Sample ID: 480-240063-10

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 10:45

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779835 | Instrument ID: ICAP4

% Solids: 93.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	5820	10.8	9.3	mg/Kg		F2	1	6010D	
7440-36-0	Antimony	ND	16.1	0.57	mg/Kg			1	6010D	
7440-38-2	Arsenic	22.5	2.2	0.95	mg/Kg			1	6010D	
7440-39-3	Barium	284	0.54	0.15	mg/Kg		F1	1	6010D	J
7440-41-7	Beryllium	0.31	0.22	0.043	mg/Kg			1	6010D	
7440-43-9	Cadmium	1.6	0.22	0.075	mg/Kg			1	6010D	
7440-70-2	Calcium	48500	53.8	29.0	mg/Kg			1	6010D	
7440-47-3	Chromium	18.5	0.54	0.39	mg/Kg			1	6010D	
7440-48-4	Cobalt	4.6	0.54	0.11	mg/Kg			1	6010D	
7440-50-8	Copper	51.5	1.1	0.61	mg/Kg			1	6010D	
7439-89-6	Iron	14400	10.8	9.1	mg/Kg		F2	1	6010D	J
7439-92-1	Lead	1940	1.1	0.49	mg/Kg			1	6010D	
7439-95-4	Magnesium	6230	21.5	9.1	mg/Kg		F1	1	6010D	J
7439-96-5	Manganese	279	1.1	0.30	mg/Kg		F2 F1	1	6010D	J
7440-02-0	Nickel	12.2	5.4	0.27	mg/Kg			1	6010D	
7440-09-7	Potassium	1410	32.3	26.1	mg/Kg		F1	1	6010D	J
7782-49-2	Selenium	0.95	4.3	0.86	mg/Kg	J		1	6010D	
7440-22-4	Silver	1.1	0.65	0.22	mg/Kg		^5-	1	6010D	J
7440-23-5	Sodium	307	151	65.9	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.5	0.82	mg/Kg			1	6010D	
7440-62-2	Vanadium	21.2	0.54	0.14	mg/Kg			1	6010D	
7440-66-6	Zinc	802	2.2	1.1	mg/Kg			1	6010D	
7439-97-6	Mercury	3.9	0.11	0.025	mg/Kg			5	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-8 8-10' | Lab Sample ID: 480-240063-11

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 10:45

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779835 | Instrument ID: ICAP4

% Solids: 85.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	20900	11.4	9.8	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	17.0	0.60	mg/Kg			1	6010D	
7440-38-2	Arsenic	4.2	2.3	1.0	mg/Kg			1	6010D	
7440-39-3	Barium	102	0.57	0.16	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.87	0.23	0.045	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.25	0.23	0.079	mg/Kg			1	6010D	
7440-70-2	Calcium	45800	56.8	30.6	mg/Kg			1	6010D	
7440-47-3	Chromium	26.0	0.57	0.41	mg/Kg			1	6010D	
7440-48-4	Cobalt	14.8	0.57	0.11	mg/Kg			1	6010D	
7440-50-8	Copper	19.5	1.1	0.65	mg/Kg			1	6010D	
7439-89-6	Iron	24300	11.4	9.6	mg/Kg			1	6010D	
7439-92-1	Lead	6.3	1.1	0.52	mg/Kg			1	6010D	
7439-95-4	Magnesium	21000	22.7	9.6	mg/Kg			1	6010D	
7439-96-5	Manganese	401	1.1	0.32	mg/Kg			1	6010D	
7440-02-0	Nickel	24.8	5.7	0.28	mg/Kg			1	6010D	
7440-09-7	Potassium	6680	34.1	27.5	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.5	0.91	mg/Kg			1	6010D	
7440-22-4	Silver	0.44	0.68	0.23	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	460	159	69.6	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.8	0.86	mg/Kg			1	6010D	
7440-62-2	Vanadium	40.1	0.57	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	90.1	2.3	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	0.013	0.024	0.0055	mg/Kg	J		1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 10:00
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 779835
Instrument ID: ICAP4
% Solids: 81.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	15000	13.0	11.2	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	19.5	0.69	mg/Kg			1	6010D	
7440-38-2	Arsenic	3.5	2.6	1.1	mg/Kg			1	6010D	
7440-39-3	Barium	76.3	0.65	0.18	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.59	0.26	0.052	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.21	0.26	0.091	mg/Kg	J		1	6010D	
7440-70-2	Calcium	13300	64.9	35.0	mg/Kg			1	6010D	
7440-47-3	Chromium	18.7	0.65	0.47	mg/Kg			1	6010D	
7440-48-4	Cobalt	7.8	0.65	0.13	mg/Kg			1	6010D	
7440-50-8	Copper	14.0	1.3	0.74	mg/Kg			1	6010D	
7439-89-6	Iron	16700	13.0	11.0	mg/Kg			1	6010D	
7439-92-1	Lead	78.8	1.3	0.60	mg/Kg			1	6010D	
7439-95-4	Magnesium	6800	26.0	11.0	mg/Kg			1	6010D	
7439-96-5	Manganese	241	1.3	0.36	mg/Kg			1	6010D	
7440-02-0	Nickel	17.0	6.5	0.32	mg/Kg			1	6010D	
7440-09-7	Potassium	3040	38.9	31.5	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	5.2	1.0	mg/Kg			1	6010D	
7440-22-4	Silver	0.37	0.78	0.26	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	152	182	79.6	mg/Kg	J		1	6010D	
7440-28-0	Thallium	ND	7.8	0.99	mg/Kg			1	6010D	
7440-62-2	Vanadium	30.9	0.65	0.17	mg/Kg			1	6010D	
7440-66-6	Zinc	108	2.6	1.3	mg/Kg			1	6010D	
7439-97-6	Mercury	0.19	0.024	0.0055	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 10:00
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 779835
Instrument ID: ICAP4
% Solids: 85.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	18300	11.6	10.0	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	17.4	0.62	mg/Kg			1	6010D	
7440-38-2	Arsenic	2.9	2.3	1.0	mg/Kg			1	6010D	
7440-39-3	Barium	93.3	0.58	0.16	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.71	0.23	0.047	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.28	0.23	0.081	mg/Kg			1	6010D	
7440-70-2	Calcium	63500	58.2	31.4	mg/Kg			1	6010D	
7440-47-3	Chromium	22.2	0.58	0.42	mg/Kg			1	6010D	
7440-48-4	Cobalt	9.6	0.58	0.12	mg/Kg			1	6010D	
7440-50-8	Copper	17.5	1.2	0.66	mg/Kg			1	6010D	
7439-89-6	Iron	20100	11.6	9.9	mg/Kg			1	6010D	
7439-92-1	Lead	7.7	1.2	0.54	mg/Kg			1	6010D	
7439-95-4	Magnesium	27500	23.3	9.9	mg/Kg			1	6010D	
7439-96-5	Manganese	450	1.2	0.33	mg/Kg			1	6010D	
7440-02-0	Nickel	18.9	5.8	0.29	mg/Kg			1	6010D	
7440-09-7	Potassium	6390	34.9	28.2	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.7	0.93	mg/Kg			1	6010D	
7440-22-4	Silver	0.45	0.70	0.23	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	425	163	71.3	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	7.0	0.88	mg/Kg			1	6010D	
7440-62-2	Vanadium	35.2	0.58	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	73.7	2.3	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	0.012	0.023	0.0053	mg/Kg	J		1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-5 1-3' | Lab Sample ID: 480-240063-14

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 08:45

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779835 | Instrument ID: ICAP4

% Solids: 89.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	10200	10.6	9.1	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	15.9	0.56	mg/Kg			1	6010D	
7440-38-2	Arsenic	1.8	2.1	0.93	mg/Kg	J		1	6010D	
7440-39-3	Barium	57.8	0.53	0.15	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.41	0.21	0.042	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.24	0.21	0.074	mg/Kg			1	6010D	
7440-70-2	Calcium	56900	52.9	28.6	mg/Kg			1	6010D	
7440-47-3	Chromium	12.9	0.53	0.38	mg/Kg			1	6010D	
7440-48-4	Cobalt	5.5	0.53	0.11	mg/Kg			1	6010D	
7440-50-8	Copper	10.3	1.1	0.60	mg/Kg			1	6010D	
7439-89-6	Iron	12900	10.6	9.0	mg/Kg			1	6010D	
7439-92-1	Lead	7.1	1.1	0.49	mg/Kg			1	6010D	
7439-95-4	Magnesium	25300	21.2	9.0	mg/Kg			1	6010D	
7439-96-5	Manganese	354	1.1	0.30	mg/Kg			1	6010D	
7440-02-0	Nickel	10.7	5.3	0.26	mg/Kg			1	6010D	
7440-09-7	Potassium	3370	31.7	25.6	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.2	0.85	mg/Kg			1	6010D	
7440-22-4	Silver	0.31	0.63	0.21	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	274	148	64.9	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.3	0.80	mg/Kg			1	6010D	
7440-62-2	Vanadium	22.2	0.53	0.14	mg/Kg			1	6010D	
7440-66-6	Zinc	55.0	2.1	1.1	mg/Kg			1	6010D	
7439-97-6	Mercury	0.055	0.022	0.0050	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-5 4-6' | Lab Sample ID: 480-240063-15

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 08:45

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779835 | Instrument ID: ICAP4

% Solids: 86.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	17900	11.2	9.6	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	16.8	0.59	mg/Kg			1	6010D	
7440-38-2	Arsenic	3.0	2.2	0.98	mg/Kg			1	6010D	
7440-39-3	Barium	96.8	0.56	0.16	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.71	0.22	0.045	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.28	0.22	0.078	mg/Kg			1	6010D	
7440-70-2	Calcium	67800	55.9	30.2	mg/Kg			1	6010D	
7440-47-3	Chromium	21.8	0.56	0.40	mg/Kg			1	6010D	
7440-48-4	Cobalt	9.0	0.56	0.11	mg/Kg			1	6010D	
7440-50-8	Copper	14.9	1.1	0.64	mg/Kg			1	6010D	
7439-89-6	Iron	19400	11.2	9.5	mg/Kg			1	6010D	
7439-92-1	Lead	9.6	1.1	0.51	mg/Kg			1	6010D	
7439-95-4	Magnesium	25300	22.3	9.5	mg/Kg			1	6010D	
7439-96-5	Manganese	446	1.1	0.31	mg/Kg			1	6010D	
7440-02-0	Nickel	17.5	5.6	0.28	mg/Kg			1	6010D	
7440-09-7	Potassium	6050	33.5	27.1	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.5	0.89	mg/Kg			1	6010D	
7440-22-4	Silver	0.37	0.67	0.22	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	374	156	68.5	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.7	0.85	mg/Kg			1	6010D	
7440-62-2	Vanadium	33.1	0.56	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	74.6	2.2	1.1	mg/Kg			1	6010D	
7439-97-6	Mercury	0.011	0.022	0.0051	mg/Kg	J		1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-6 1-3' Lab Sample ID: 480-240063-16

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG ID.:

Matrix: Solid Date Sampled: 07/01/2026 09:00

Reporting Basis: DRY Date Received: 07/01/2026 16:00

Preparation Batch Number: 779835 Instrument ID: ICAP4

% Solids: 83.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	7410	12.2	10.5	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	18.3	0.65	mg/Kg			1	6010D	
7440-38-2	Arsenic	3.7	2.4	1.1	mg/Kg			1	6010D	
7440-39-3	Barium	48.0	0.61	0.17	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.39	0.24	0.049	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.18	0.24	0.085	mg/Kg	J		1	6010D	
7440-70-2	Calcium	208000	305	165	mg/Kg			5	6010D	
7440-47-3	Chromium	17.0	0.61	0.44	mg/Kg			1	6010D	
7440-48-4	Cobalt	4.4	0.61	0.12	mg/Kg			1	6010D	
7440-50-8	Copper	12.6	1.2	0.70	mg/Kg			1	6010D	
7439-89-6	Iron	9740	12.2	10.3	mg/Kg			1	6010D	
7439-92-1	Lead	20.3	1.2	0.56	mg/Kg			1	6010D	
7439-95-4	Magnesium	12100	24.4	10.3	mg/Kg			1	6010D	
7439-96-5	Manganese	295	1.2	0.34	mg/Kg			1	6010D	
7440-02-0	Nickel	14.1	6.1	0.31	mg/Kg			1	6010D	
7440-09-7	Potassium	2230	36.6	29.6	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.9	0.98	mg/Kg			1	6010D	
7440-22-4	Silver	ND	0.73	0.24	mg/Kg		^5-	1	6010D	UJ
7440-23-5	Sodium	282	171	74.8	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	7.3	0.93	mg/Kg			1	6010D	
7440-62-2	Vanadium	22.4	0.61	0.16	mg/Kg			1	6010D	
7440-66-6	Zinc	62.3	2.4	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	0.020	0.024	0.0055	mg/Kg	J		1	7471B	

MKP 7/28/2026

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-6 4-6' | Lab Sample ID: 480-240063-17

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 09:15

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779835 | Instrument ID: ICAP4

% Solids: 86.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	16500	11.2	9.6	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	16.7	0.59	mg/Kg			1	6010D	
7440-38-2	Arsenic	3.9	2.2	0.98	mg/Kg			1	6010D	
7440-39-3	Barium	155	0.56	0.16	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.67	0.22	0.045	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.22	0.22	0.078	mg/Kg			1	6010D	
7440-70-2	Calcium	64100	55.8	30.1	mg/Kg			1	6010D	
7440-47-3	Chromium	20.4	0.56	0.40	mg/Kg			1	6010D	
7440-48-4	Cobalt	9.7	0.56	0.11	mg/Kg			1	6010D	
7440-50-8	Copper	16.2	1.1	0.64	mg/Kg			1	6010D	
7439-89-6	Iron	19900	11.2	9.5	mg/Kg			1	6010D	
7439-92-1	Lead	8.6	1.1	0.51	mg/Kg			1	6010D	
7439-95-4	Magnesium	28500	22.3	9.5	mg/Kg			1	6010D	
7439-96-5	Manganese	432	1.1	0.31	mg/Kg			1	6010D	
7440-02-0	Nickel	18.4	5.6	0.28	mg/Kg			1	6010D	
7440-09-7	Potassium	5600	33.5	27.1	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.5	0.89	mg/Kg			1	6010D	
7440-22-4	Silver	0.42	0.67	0.22	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	353	156	68.5	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.7	0.85	mg/Kg			1	6010D	
7440-62-2	Vanadium	32.6	0.56	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	69.3	2.2	1.1	mg/Kg			1	6010D	
7439-97-6	Mercury	0.010	0.023	0.0053	mg/Kg	J		1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-7 1-3' | Lab Sample ID: 480-240063-18

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 12:00

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779835 | Instrument ID: ICAP4

% Solids: 83.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	18500	11.9	10.2	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	17.8	0.63	mg/Kg			1	6010D	
7440-38-2	Arsenic	8.6	2.4	1.0	mg/Kg			1	6010D	
7440-39-3	Barium	152	0.59	0.17	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.85	0.24	0.047	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.39	0.24	0.083	mg/Kg			1	6010D	
7440-70-2	Calcium	24100	59.3	32.0	mg/Kg			1	6010D	
7440-47-3	Chromium	25.2	0.59	0.43	mg/Kg			1	6010D	
7440-48-4	Cobalt	10.6	0.59	0.12	mg/Kg			1	6010D	
7440-50-8	Copper	53.0	1.2	0.68	mg/Kg			1	6010D	
7439-89-6	Iron	28200	11.9	10.1	mg/Kg			1	6010D	
7439-92-1	Lead	273	1.2	0.55	mg/Kg			1	6010D	
7439-95-4	Magnesium	9990	23.7	10.1	mg/Kg			1	6010D	
7439-96-5	Manganese	253	1.2	0.33	mg/Kg			1	6010D	
7440-02-0	Nickel	22.2	5.9	0.30	mg/Kg			1	6010D	
7440-09-7	Potassium	4020	35.6	28.8	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.7	0.95	mg/Kg			1	6010D	
7440-22-4	Silver	0.56	0.71	0.24	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	182	166	72.7	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	7.1	0.90	mg/Kg			1	6010D	
7440-62-2	Vanadium	38.9	0.59	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	220	2.4	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	0.53	0.025	0.0057	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-7 4-6' | Lab Sample ID: 480-240063-19

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 12:00

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 779835 | Instrument ID: ICAP4

% Solids: 84.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	9250	12.0	10.3	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	17.9	0.63	mg/Kg			1	6010D	
7440-38-2	Arsenic	2.5	2.4	1.1	mg/Kg			1	6010D	
7440-39-3	Barium	46.7	0.60	0.17	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.38	0.24	0.048	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.15	0.24	0.084	mg/Kg	J		1	6010D	
7440-70-2	Calcium	71300	59.8	32.3	mg/Kg			1	6010D	
7440-47-3	Chromium	12.2	0.60	0.43	mg/Kg			1	6010D	
7440-48-4	Cobalt	5.7	0.60	0.12	mg/Kg			1	6010D	
7440-50-8	Copper	10.3	1.2	0.68	mg/Kg			1	6010D	
7439-89-6	Iron	12800	12.0	10.1	mg/Kg			1	6010D	
7439-92-1	Lead	10.7	1.2	0.55	mg/Kg			1	6010D	
7439-95-4	Magnesium	35200	23.9	10.1	mg/Kg			1	6010D	
7439-96-5	Manganese	411	1.2	0.33	mg/Kg			1	6010D	
7440-02-0	Nickel	10.2	6.0	0.30	mg/Kg			1	6010D	
7440-09-7	Potassium	3090	35.9	29.0	mg/Kg			1	6010D	
7782-49-2	Selenium	ND	4.8	0.96	mg/Kg			1	6010D	
7440-22-4	Silver	0.32	0.72	0.24	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	293	167	73.3	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	7.2	0.91	mg/Kg			1	6010D	
7440-62-2	Vanadium	21.7	0.60	0.16	mg/Kg			1	6010D	
7440-66-6	Zinc	49.3	2.4	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	0.0078	0.023	0.0053	mg/Kg	J		1	7471B	

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GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job Number: 480-240063-1

SDG No.:

Project: 375 Michigan Remedial Investigation

Client Sample ID	Lab Sample ID
RI-BH-3 1-3'	480-240063-1
RI-BH-4 1-3'	480-240063-2
RI-BH-9 1-3'	480-240063-3
RI-BH-10 1-3'	480-240063-4
RI-BH-11 1-3'	480-240063-5
RI-BH-1 1-3'	480-240063-6
RI-BH-1 8-10'	480-240063-7
RI-BH-2 1-3'	480-240063-8
RI-BH-2 8-10	480-240063-9
RI-BH-8 1-3'	480-240063-10
RI-BH-8 8-10'	480-240063-11
RI-BH-12 1-3'	480-240063-12
RI-BH-12 8-10	480-240063-13
RI-BH-5 1-3'	480-240063-14
RI-BH-5 4-6'	480-240063-15
RI-BH-6 1-3'	480-240063-16
RI-BH-6 4-6'	480-240063-17
RI-BH-7 1-3'	480-240063-18
RI-BH-7 4-6'	480-240063-19

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-3 1-3'
Lab Sample ID: 480-240063-1
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 12:45
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780075
Instrument ID: SEAL 1
% Solids: 89.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	0.98	0.48	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-4 1-3' | Lab Sample ID: 480-240063-2

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 12:15

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 780075 | Instrument ID: SEAL 1

% Solids: 86.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.54	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-9 1-3' | Lab Sample ID: 480-240063-3

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/01/2026 11:30

Reporting Basis: DRY | Date Received: 07/01/2026 16:00

Preparation Batch Number: 780075 | Instrument ID: SEAL 1

% Solids: 80.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.2	0.59	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-10 1-3'
Lab Sample ID: 480-240063-4
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 11:00
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780075
Instrument ID: SEAL 1
% Solids: 85.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.0	0.48	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-11 1-3'
Lab Sample ID: 480-240063-5
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 11:15
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780075
Instrument ID: SEAL 1
% Solids: 88.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.53	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-1 1-3'
Lab Sample ID: 480-240063-6
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 13:00
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780075
Instrument ID: SEAL 1
% Solids: 70.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.4	0.68	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-1 8-10'
Lab Sample ID: 480-240063-7
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 13:00
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780075
Instrument ID: SEAL 1
% Solids: 85.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
57-12-5	Cyanide, Total	ND	1.1	0.51	mg/Kg		F1	1	9012B	UJ

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1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-2 1-3'
Lab Sample ID: 480-240063-8
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 12:40
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780416
Instrument ID: SEAL 1
% Solids: 83.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
57-12-5	Cyanide, Total	ND	1.1	0.55	mg/Kg		F1	1	9012B	UJ

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1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-2 8-10
Lab Sample ID: 480-240063-9
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 12:40
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780416
Instrument ID: SEAL 1
% Solids: 85.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.53	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-8 1-3'
Lab Sample ID: 480-240063-10
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 10:45
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780416
Instrument ID: SEAL 1
% Solids: 93.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.51	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-8 8-10'
Lab Sample ID: 480-240063-11
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 10:45
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780416
Instrument ID: SEAL 1
% Solids: 85.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.51	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-12 1-3'
Lab Sample ID: 480-240063-12
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 10:00
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780416
Instrument ID: SEAL 1
% Solids: 81.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.2	0.58	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-12 8-10
Lab Sample ID: 480-240063-13
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 10:00
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780416
Instrument ID: SEAL 1
% Solids: 85.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.55	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-5 1-3'
Lab Sample ID: 480-240063-14
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 08:45
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780416
Instrument ID: SEAL 1
% Solids: 89.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	0.98	0.47	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-5 4-6'
Lab Sample ID: 480-240063-15
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 08:45
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780416
Instrument ID: SEAL 1
% Solids: 86.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.54	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-6 1-3'
Lab Sample ID: 480-240063-16
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 09:00
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780416
Instrument ID: SEAL 1
% Solids: 83.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.53	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-6 4-6'
Lab Sample ID: 480-240063-17
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 09:15
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780416
Instrument ID: SEAL 1
% Solids: 86.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.51	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-7 1-3'
Lab Sample ID: 480-240063-18
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 12:00
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780416
Instrument ID: SEAL 1
% Solids: 83.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.2	0.58	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-7 4-6'
Lab Sample ID: 480-240063-19
Lab Name: Eurofins Buffalo
Job No.: 480-240063-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/01/2026 12:00
Reporting Basis: DRY
Date Received: 07/01/2026 16:00
Preparation Batch Number: 780416
Instrument ID: SEAL 1
% Solids: 84.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.1	0.53	mg/Kg			1	9012B

General Chemistry Raw Data Report

Job ID: 480-240063-1

Batch: 779840 **Analyst Initials: JMM**

Method: Moisture **Instrument: No Equipment Used for this Test**

Lab Sample ID: 480-240063-A-1

Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	10.597519729425	%
Percent Solids	None	1	89.402480270575	%

Lab Sample ID: 480-240063-A-2

Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.953488372093	%
Percent Solids	None	1	86.046511627907	%

Lab Sample ID: 480-240063-A-3

Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	19.7007481296758	%
Percent Solids	None	1	80.2992518703242	%

Lab Sample ID: 480-240063-A-4

Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.2574257425742	%
Percent Solids	None	1	85.7425742574258	%

Lab Sample ID: 480-240063-A-5

Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	12.0274914089347	%
Percent Solids	None	1	87.9725085910653	%

Lab Sample ID: 480-240063-A-6

Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	29.520295202952	%
Percent Solids	None	1	70.479704797048	%

Lab Sample ID: 480-240063-A-7

Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.496644295302	%
Percent Solids	None	1	85.503355704698	%

Lab Sample ID: 480-240063-A-8

Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	16.8181818181818	%
Percent Solids	None	1	83.1818181818182	%

Lab Sample ID: 480-240063-A-9

Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.8820326678766	%
Percent Solids	None	1	85.1179673321234	%

Batch: 779840 (Continued)
Method: Moisture

Analyst Initials: JMM
Instrument: No Equipment Used for this Test

Lab Sample ID: 480-240063-A-10
Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	6.3025210084034	%
Percent Solids	None	1	93.6974789915966	%

Lab Sample ID: 480-240063-A-11
Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.8190045248869	%
Percent Solids	None	1	85.1809954751131	%

Lab Sample ID: 480-240063-A-12
Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	18.3315038419319	%
Percent Solids	None	1	81.6684961580681	%

Lab Sample ID: 480-240063-A-13
Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	14.4420131291028	%
Percent Solids	None	1	85.5579868708972	%

Lab Sample ID: 480-240063-A-14
Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	10.3911980440098	%
Percent Solids	None	1	89.6088019559902	%

Lab Sample ID: 480-240063-A-15
Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.6640557006092	%
Percent Solids	None	1	86.3359442993908	%

Lab Sample ID: 480-240063-A-16
Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	16.0771704180064	%
Percent Solids	None	1	83.9228295819936	%

Lab Sample ID: 480-240063-A-17
Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.5231316725979	%
Percent Solids	None	1	86.4768683274021	%

Lab Sample ID: 480-240063-A-18
Analysis Date: Jul 02, 2026 15:23

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	16.734693877551	%
Percent Solids	None	1	83.265306122449	%

Batch: 779840 (Continued) **Analyst Initials: JMM**

Method: Moisture **Instrument: No Equipment Used for this Test**

Lab Sample ID: 480-240063-A-19 **Analysis Date: Jul 02, 2026 15:23**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.6280909990109	%
Percent Solids	None	1	84.3719090009891	%

Shipping and Receiving Documents

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214744-42931.5
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 5 of 5
Company: Brydges Engineering in Environment & Energy DPC	PWSID:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days): 2 weeks			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI Soil	Project #: 48030331			
Site:	SSOW#:			

480-240063 Chain of Custody

Preservation Codes: N None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	6010D, 7471B, 9012B	8081B, 8082A, 8270E	8260D TCL VOCs + TICs (ML Bulk)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
RI-BH-3 1-3	7/1/26	1245	G	Solid			X	X	X	X		
RI-BH 4 1-3'		1215		Solid								
RI BH-9 1-3		1130		Solid								
RI-BH-10 1-3'		1100		Solid								
RI-BH-11 1-3'		1115		Solid								
RI BH-1 1-3'		100		Solid								
RI-BH-1 8-10		00		Solid								
RI-BH-2 1-3'		1240		Solid								
RI-BH 2 8-10		1240		Solid								
RI-BH-8 1-3'		1045										
RI-BH-8 8-10		1045										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	William Goldsmith	7/1/26 4:00pm	BE3	VH5	7-1-26 1600	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 24.3, 22.9 IR#1 NO ICE

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins

Client Information	Sampler:	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214744-42931.3
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 3 of 5
Company: Brydges Engineering in Environment & Energy DPC	PWSID:	Analysis Requested		Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			Preservation Codes: N None
City: Buffalo	TAT Requested (days):			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI Soil	Project #: 48030331			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	6010D, 7471B, 9012B	8081B, 8082A, 8270E	8260D TCL VOCs + TICs (ML Bulk)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
RI-BH-12 1-3	7/1/26	1000	G	Solid			X	X	X	X		
RI-BH-12 8-10		1000		Solid								
RI-BH-5 1-3		845		Solid								
RI-BH-5 4-6		845		Solid								
RI-BH-6 1-3		900		Solid								
RI-BH-6 4-6		905		Solid								
RI BH-7 1-3		1200		Solid								
RI BH-7 4-6'		1200		Solid								
				Solid								
				Solid								
				Solid								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	William Goldsmith	7/1/26 4:00pm	BE3	See pg1		
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Page 6499 of 6502

07/20/2026

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99347.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240063-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/15/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RI-BH-3 1-3' (480-240063-1)	7/1/26	12:45 Eastern	G	Solid			X	1	
RI-BH-4 1-3' (480-240063-2)	7/1/26	12:15 Eastern	G	Solid			X	1	
RI-BH-9 1-3' (480-240063-3)	7/1/26	11:30 Eastern	G	Solid			X	1	
RI-BH-10 1-3' (480-240063-4)	7/1/26	11:00 Eastern	G	Solid			X	1	
RI-BH-11 1-3' (480-240063-5)	7/1/26	11:15 Eastern	G	Solid			X	1	
RI-BH-1 1-3' (480-240063-6)	7/1/26	13:00 Eastern	G	Solid			X	1	
RI-BH-1 8-10' (480-240063-7)	7/1/26	13:00 Eastern	G	Solid			X	1	
RI-BH-2 1-3' (480-240063-8)	7/1/26	12:40 Eastern	G	Solid			X	1	
RI-BH-2 8-10 (480-240063-9)	7/1/26	12:40 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	VB	7-16-26 1600		/	/	/
2	Relinquished by: /	Date/Time: /	Company /	Received by: /	Date/Time: /	Company /
3	Relinquished by: /	Date/Time: /	Company /	Received by: Angel Lyons	Date/Time: 7/17/26 1030	Company BUBT

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 3.9 C: 4.4

AW

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99347.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240063-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/15/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RI-BH-8 1-3' (480-240063-10)	7/1/26	10:45 Eastern	G	Solid			X	1	
RI-BH-8 8-10' (480-240063-11)	7/1/26	10:45 Eastern	G	Solid			X	1	
RI-BH-12 1-3' (480-240063-12)	7/1/26	10:00 Eastern	G	Solid			X	1	
RI-BH-12 8-10 (480-240063-13)	7/1/26	10:00 Eastern	G	Solid			X	1	
RI-BH-5 1-3' (480-240063-14)	7/1/26	08:45 Eastern	G	Solid			X	1	
RI-BH-5 4-6' (480-240063-15)	7/1/26	08:45 Eastern	G	Solid			X	1	
RI-BH-6 1-3' (480-240063-16)	7/1/26	09:00 Eastern	G	Solid			X	1	
RI-BH-6 4-6' (480-240063-17)	7/1/26	09:15 Eastern	G	Solid			X	1	
RI-BH-7 1-3' (480-240063-18)	7/1/26	12:00 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested. I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Hazel Lyra	Date/Time: 7/7/26 1030	Company EUBT

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R:3.9 C:4.4

AW

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99347.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 3 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240063-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/15/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_Shake:List of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RI-BH-7 4-6' (480-240063-19)	7/1/26	12:00 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Heydi Lyons	Date/Time: 1/7/26 1030	Company EUET

Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 3.9 C: 4.4

AW

Appendix B

Laboratory QC Documentation

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02452.D

Lab ID: LCS 480-779978/1-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	50.0	57.5	115	77-121	
1,1,2,2-Tetrachloroethane	50.0	41.4	83	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.3	109	60-140	
1,1,2-Trichloroethane	50.0	44.8	90	78-122	
1,1-Dichloroethane	50.0	56.7	113	73-126	
1,1-Dichloroethene	50.0	53.8	108	59-125	
1,2,4-Trichlorobenzene	50.0	39.6	79	64-120	
1,2-Dibromo-3-Chloropropane	50.0	43.2	86	63-124	
1,2-Dichlorobenzene	50.0	39.4	79	75-120	
1,2-Dichloroethane	50.0	55.7	111	77-122	
1,2-Dichloropropane	50.0	56.8	114	75-124	
1,3-Dichlorobenzene	50.0	39.7	79	74-120	
1,4-Dichlorobenzene	50.0	39.0	78	73-120	
2-Butanone (MEK)	250	341	136	70-134	*+
2-Hexanone	250	247	99	59-130	
4-Methyl-2-pentanone (MIBK)	250	240	96	65-133	
Acetone	250	350	140	61-137	*+
Benzene	50.0	55.9	112	79-127	
Bromoform	50.0	49.7	99	68-126	
Bromomethane	50.0	60.0	120	37-149	
Carbon disulfide	50.0	54.4	109	64-131	
Carbon tetrachloride	50.0	59.8	120	75-135	
Chlorobenzene	50.0	43.2	86	76-124	
Dibromochloromethane	50.0	47.4	95	76-125	
Chloroethane	50.0	59.4	119	69-135	
Chloroform	50.0	52.4	105	80-120	
Chloromethane	50.0	65.9	132	63-127	*+
cis-1,2-Dichloroethene	50.0	55.2	110	81-120	
Cyclohexane	50.0	58.6	117	65-120	
Bromodichloromethane	50.0	56.8	114	80-122	
Dichlorodifluoromethane	50.0	67.6	135	57-142	
Ethylbenzene	50.0	43.2	86	80-120	
1,2-Dibromoethane	50.0	44.6	89	78-120	
Isopropylbenzene	50.0	41.1	82	72-120	
Methyl acetate	100	115	115	55-136	
Methyl tert-butyl ether	50.0	53.4	107	63-125	
Methylcyclohexane	50.0	55.9	112	60-140	
Methylene Chloride	50.0	58.2	116	61-127	
Tetrachloroethene	50.0	42.9	86	74-122	
Toluene	50.0	43.3	87	74-128	
trans-1,2-Dichloroethene	50.0	55.2	110	78-126	

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: R5197.D

Lab ID: 480-240063-13 MS Client ID: RI-BH-12 8-10 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	56.3	ND	45.5	81	77-121	vs
1,1,2,2-Tetrachloroethane	56.3	ND	35.0	62	80-120	F1 vs
1,1,2-Trichloro-1,2,2-trifluoroethane	56.3	ND	42.1	75	60-140	vs
1,1,2-Trichloroethane	56.3	ND	39.8	71	78-122	F1 vs
1,1-Dichloroethane	56.3	ND	46.0	82	73-126	vs
1,1-Dichloroethene	56.3	ND	43.4	77	59-125	vs
1,2,4-Trichlorobenzene	56.3	ND	18.0	32	64-120	F1 vs
1,2-Dibromo-3-Chloropropane	56.3	ND	26.8	48	63-124	F1 vs
1,2-Dichlorobenzene	56.3	ND	30.1	53	75-120	F1 vs
1,2-Dichloroethane	56.3	ND	39.8	71	77-122	F1 vs
1,2-Dichloropropane	56.3	ND	43.7	78	75-124	vs
1,3-Dichlorobenzene	56.3	ND	30.6	54	74-120	F1 vs
1,4-Dichlorobenzene	56.3	ND	30.3	54	73-120	F1 vs
2-Butanone (MEK)	282	ND	161	57	70-134	F1 vs
2-Hexanone	282	ND	153	54	59-130	F1 vs
4-Methyl-2-pentanone (MIBK)	282	ND	168	60	65-133	F1 vs
Acetone	282	16 J	151	48	61-137	F1 vs
Benzene	56.3	ND	44.4	79	79-127	vs
Bromoform	56.3	ND	32.3	57	68-126	F1 vs
Bromomethane	56.3	ND	48.6	86	37-149	vs
Carbon disulfide	56.3	ND	42.0	75	64-131	vs
Carbon tetrachloride	56.3	ND	43.4	77	75-135	vs
Chlorobenzene	56.3	ND	37.8	67	76-124	F1 vs
Dibromochloromethane	56.3	ND	39.5	70	76-125	F1 vs
Chloroethane	56.3	ND	48.1	85	69-135	vs
Chloroform	56.3	0.68 J	43.8	77	80-120	F1 vs
Chloromethane	56.3	ND	47.1	84	63-127	vs
cis-1,2-Dichloroethene	56.3	ND	42.5	76	80-120	F1 vs
Cyclohexane	56.3	ND	37.1	66	65-120	vs
Bromodichloromethane	56.3	ND	41.4	74	80-122	F1 vs
Dichlorodifluoromethane	56.3	ND	43.8	78	57-142	vs
Ethylbenzene	56.3	ND	39.6	70	80-120	F1 vs
1,2-Dibromoethane	56.3	ND	33.3	59	78-120	F1 vs
Isopropylbenzene	56.3	ND	45.2	80	72-120	vs
Methyl acetate	113	ND	61.5	55	55-136	vs
Methyl tert-butyl ether	56.3	ND	38.7	69	63-125	vs
Methylcyclohexane	56.3	ND	32.9	58	60-140	F1 vs
Methylene Chloride	56.3	ND	44.9	80	61-127	vs
Tetrachloroethene	56.3	ND	41.7	74	74-122	vs
Toluene	56.3	ND	43.9	78	74-128	vs
trans-1,2-Dichloroethene	56.3	ND	42.0	75	78-126	F1 vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: R5197.D

Lab ID: 480-240063-13 MS Client ID: RI-BH-12 8-10 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	56.3	ND	34.3	61	73-123	F1 vs
Trichloroethene	56.3	ND	40.6	72	77-129	F1 vs
Trichlorofluoromethane	56.3	ND	46.9	83	65-146	vs
Vinyl chloride	56.3	ND	47.1	84	61-133	vs
cis-1,3-Dichloropropene	56.3	ND	36.5	65	80-120	F1 vs
Styrene	56.3	ND	34.8	62	80-120	F1 vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: R5198.D

Lab ID: 480-240063-13 MSD Client ID: RI-BH-12 8-10 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	56.7	43.7	77	4	30	77-121	vs
1,1,2,2-Tetrachloroethane	56.7	33.9	60	3	30	80-120	F1 vs
1,1,2-Trichloro-1,2,2-trifluoroethane	56.7	40.3	71	4	30	60-140	vs
1,1,2-Trichloroethane	56.7	38.5	68	3	30	78-122	F1 vs
1,1-Dichloroethane	56.7	43.8	77	5	30	73-126	vs
1,1-Dichloroethene	56.7	41.3	73	5	30	59-125	vs
1,2,4-Trichlorobenzene	56.7	15.4	27	16	30	64-120	F1 vs
1,2-Dibromo-3-Chloropropane	56.7	26.9	47	0	30	63-124	F1 vs
1,2-Dichlorobenzene	56.7	26.5	47	13	30	75-120	F1 vs
1,2-Dichloroethane	56.7	40.2	71	1	30	77-122	F1 vs
1,2-Dichloropropane	56.7	42.5	75	3	30	75-124	vs
1,3-Dichlorobenzene	56.7	27.7	49	10	30	74-120	F1 vs
1,4-Dichlorobenzene	56.7	27.0	48	11	30	73-120	F1 vs
2-Butanone (MEK)	284	161	57	0	30	70-134	F1 vs
2-Hexanone	284	155	55	1	30	59-130	F1 vs
4-Methyl-2-pentanone (MIBK)	284	164	58	2	30	65-133	F1 vs
Acetone	284	150	47	0	30	61-137	F1 vs
Benzene	56.7	43.4	77	2	30	79-127	F1 vs
Bromoform	56.7	32.1	57	1	30	68-126	F1 vs
Bromomethane	56.7	46.1	81	5	30	37-149	vs
Carbon disulfide	56.7	39.2	69	7	30	64-131	vs
Carbon tetrachloride	56.7	42.8	75	1	30	75-135	vs
Chlorobenzene	56.7	34.9	62	8	30	76-124	F1 vs
Dibromochloromethane	56.7	38.4	68	3	30	76-125	F1 vs
Chloroethane	56.7	45.1	80	6	30	69-135	vs
Chloroform	56.7	43.2	75	2	30	80-120	F1 vs
Chloromethane	56.7	44.4	78	6	30	63-127	vs
cis-1,2-Dichloroethene	56.7	41.1	72	3	30	80-120	F1 vs
Cyclohexane	56.7	36.1	64	3	30	65-120	F1 vs
Bromodichloromethane	56.7	41.8	74	1	30	80-122	F1 vs
Dichlorodifluoromethane	56.7	42.3	74	4	30	57-142	vs
Ethylbenzene	56.7	36.7	65	8	30	80-120	F1 vs
1,2-Dibromoethane	56.7	32.9	58	1	30	78-120	F1 vs
Isopropylbenzene	56.7	42.2	74	7	30	72-120	vs
Methyl acetate	113	60.8	54	1	30	55-136	F1 vs
Methyl tert-butyl ether	56.7	37.1	65	4	30	63-125	vs
Methylcyclohexane	56.7	32.5	57	1	30	60-140	F1 vs
Methylene Chloride	56.7	42.1	74	6	30	61-127	vs
Tetrachloroethene	56.7	39.6	70	5	30	74-122	F1 vs
Toluene	56.7	41.7	73	5	30	74-128	F1 vs
trans-1,2-Dichloroethene	56.7	40.4	71	4	30	78-126	F1 vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: R5198.D

Lab ID: 480-240063-13 MSD Client ID: RI-BH-12 8-10 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
trans-1,3-Dichloropropene	56.7	35.1	62	2	30	73-123	F1 vs
Trichloroethene	56.7	40.9	72	1	30	77-129	F1 vs
Trichlorofluoromethane	56.7	45.1	80	4	30	65-146	vs
Vinyl chloride	56.7	43.2	76	9	30	61-133	vs
cis-1,3-Dichloropropene	56.7	36.9	65	1	30	80-120	F1 vs
Styrene	56.7	32.4	57	7	30	80-120	F1 vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Lab Sample ID: CCVIS 480-779982/4 Calibration Date: 07/06/2026 19:53

Instrument ID: HP5977M Calib Start Date: 05/29/2026 00:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/29/2026 02:23

Lab File ID: M02450.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D	
Dichlorodifluoromethane	Ave	1.437	2.348	0.1000	81.7	50.0	63.0*	50.0	
Chloromethane	Ave	2.376	3.589	0.1000	75.5	50.0	51.0*	20.0	
Vinyl chloride	Ave	1.969	2.944	0.1000	74.7	50.0	49.0*	20.0	
Butadiene	Ave	2.049	3.319		81.0	50.0	62.0*	20.0	NT
Bromomethane	Ave	1.003	1.338	0.1000	66.7	50.0	33.0	50.0	
Chloroethane	Ave	1.100	1.529	0.1000	69.5	50.0	39.0	50.0	
Trichlorofluoromethane	Ave	1.822	2.551	0.1000	70.0	50.0	40.0*	20.0	
Ethyl ether	Ave	1.328	1.585		59.7	50.0	19.0	20.0	
Acrolein	Ave	0.1214	0.1268		261	250	4.0	50.0	
1,1-Dichloroethene	Ave	0.9688	1.219	0.1000	62.9	50.0	26.0*	20.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.247	1.610	0.1000	64.5	50.0	29.0*	20.0	
Acetone	Ave	0.5276	0.7282	0.1000	345	250	38.0	50.0	
Iodomethane	Ave	2.010	2.367		58.9	50.0	18.0	20.0	
Carbon disulfide	Ave	3.840	4.823	0.1000	62.8	50.0	26.0*	20.0	
3-Chloro-1-propene	Ave	2.301	3.092		67.2	50.0	34.0*	20.0	NT
Methyl acetate	Ave	1.169	1.384	0.1000	118	100	18.0	50.0	
Methylene Chloride	Lin1		1.582	0.1000	63.6	50.0	27.0*	20.0	
2-Methyl-2-propanol	Ave	0.1661	0.2126		640	500	28.0	50.0	
Methyl tert-butyl ether	Ave	3.628	3.979	0.1000	54.8	50.0	10.0	20.0	
trans-1,2-Dichloroethene	Ave	1.204	1.491	0.1000	61.9	50.0	24.0*	20.0	
Acrylonitrile	Ave	0.7026	0.7889		561	500	12.0	20.0	
Hexane	Ave	2.535	3.422		67.5	50.0	35.0*	20.0	NT
1,1-Dichloroethane	Ave	2.689	3.387	0.2000	63.0	50.0	26.0*	20.0	
Vinyl acetate	Ave	2.492	3.238		130	100	30.0*	20.0	NT
2,2-Dichloropropane	Ave	1.404	1.647		58.7	50.0	17.0	20.0	
cis-1,2-Dichloroethene	Ave	1.314	1.570	0.1000	59.8	50.0	20.0	20.0	
2-Butanone (MEK)	Ave	0.7170	0.9783	0.1000	341	250	36.0*	20.0	
Chlorobromomethane	Ave	0.6739	0.7683		57.0	50.0	14.0	20.0	
Tetrahydrofuran	Ave	0.4702	0.5567		118	100	18.0	20.0	
Chloroform	Ave	2.317	2.662	0.2000	57.4	50.0	15.0	20.0	
Cyclohexane	Ave	3.201	4.408	0.1000	68.8	50.0	38.0*	20.0	
1,1,1-Trichloroethane	Ave	1.724	2.249	0.1000	65.2	50.0	30.0*	20.0	
Carbon tetrachloride	Ave	1.364	1.843	0.1000	67.6	50.0	35.0*	20.0	
1,1-Dichloropropene	Ave	1.545	2.039		66.0	50.0	32.0*	20.0	NT
Benzene	Ave	4.533	5.590	0.5000	61.7	50.0	23.0*	20.0	
Isobutyl alcohol	Ave	0.0517	0.0653		1580	1250	26.0	50.0	
1,2-Dichloroethane	Ave	2.016	2.390	0.1000	59.3	50.0	19.0	20.0	
n-Heptane	Ave	2.417	3.415		70.6	50.0	41.0*	20.0	NT
Trichloroethene	Ave	1.182	1.507	0.2000	63.8	50.0	28.0*	20.0	
Methylcyclohexane	Ave	2.151	2.796	0.1000	65.0	50.0	30.0*	20.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Lab Sample ID: CCVIS 480-779982/4 Calibration Date: 07/06/2026 19:53

Instrument ID: HP5977M Calib Start Date: 05/29/2026 00:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/29/2026 02:23

Lab File ID: M02450.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D	
1,2-Dichloropropane	Ave	1.473	1.831	0.1000	62.1	50.0	24.0*	20.0	
Dibromomethane	Ave	0.7518	0.8609	0.1000	57.3	50.0	15.0	20.0	
1,4-Dioxane	Ave	0.0072	0.0062		866	1000	-13.0	50.0	
Bromodichloromethane	Ave	1.502	1.827	0.2000	60.8	50.0	22.0*	20.0	
2-Chloroethyl vinyl ether	Ave	0.7885	0.9825		62.3	50.0	25.0*	20.0	NT
cis-1,3-Dichloropropene	Ave	1.660	2.085	0.2000	62.8	50.0	26.0*	20.0	
4-Methyl-2-pentanone (MIBK)	Ave	0.8030	0.7932	0.1000	247	250	-1.0	20.0	
Toluene	Ave	1.381	1.391	0.4000	50.4	50.0	1.0	20.0	
trans-1,3-Dichloropropene	Ave	0.7058	0.6973	0.1000	49.4	50.0	-1.0	20.0	
Ethyl methacrylate	Ave	0.6704	0.6225		46.4	50.0	-7.0	20.0	
1,1,2-Trichloroethane	Ave	0.4187	0.3962	0.1000	47.3	50.0	-5.0	20.0	
Tetrachloroethene	Ave	0.5651	0.5750	0.2000	50.9	50.0	2.0	20.0	
1,3-Dichloropropane	Ave	0.8308	0.7811		47.0	50.0	-6.0	20.0	
2-Hexanone	Ave	0.5305	0.5539	0.1000	261	250	4.0	20.0	
Dibromochloromethane	Ave	0.5087	0.5233	0.1000	51.4	50.0	3.0	20.0	
1,2-Dibromoethane	Ave	0.4902	0.4522		46.1	50.0	-8.0	20.0	
Chlorobenzene	Ave	1.561	1.516	0.5000	48.6	50.0	-3.0	20.0	
Ethylbenzene	Ave	2.685	2.715	0.1000	50.6	50.0	1.0	20.0	
1,1,1,2-Tetrachloroethane	Ave	0.5258	0.5407		51.4	50.0	3.0	20.0	
m-Xylene & p-Xylene	Ave	1.038	1.025	0.1000	49.4	50.0	-1.0	20.0	
o-Xylene	Ave	1.064	1.037	0.3000	48.7	50.0	-3.0	20.0	
Styrene	Ave	1.702	1.651	0.3000	48.5	50.0	-3.0	20.0	
Bromoform	Ave	0.3066	0.3135	0.1000	51.1	50.0	2.0	50.0	
Isopropylbenzene	Ave	2.806	2.664	0.1000	47.5	50.0	-5.0	20.0	
Bromobenzene	Ave	0.6840	0.5994		43.8	50.0	-12.0	20.0	
1,1,2,2-Tetrachloroethane	Ave	0.7551	0.6459	0.3000	42.8	50.0	-14.0	20.0	
N-Propylbenzene	Ave	3.349	3.194		47.7	50.0	-5.0	20.0	
1,2,3-Trichloropropane	Ave	0.2407	0.1991		41.3	50.0	-17.0	20.0	
trans-1,4-Dichloro-2-butene	Ave	0.2725	0.2519		46.2	50.0	-8.0	50.0	
2-Chlorotoluene	Ave	0.6672	0.6180		46.3	50.0	-7.0	20.0	
1,3,5-Trimethylbenzene	Ave	2.434	2.270		46.6	50.0	-7.0	20.0	
4-Chlorotoluene	Ave	0.6833	0.6145		45.0	50.0	-10.0	20.0	
tert-Butylbenzene	Ave	0.5051	0.4845		48.0	50.0	-4.0	20.0	
1,2,4-Trimethylbenzene	Ave	2.551	2.311		45.3	50.0	-9.0	20.0	
sec-Butylbenzene	Ave	3.103	3.002		48.4	50.0	-3.0	20.0	
1,3-Dichlorobenzene	Ave	1.338	1.181	0.6000	44.1	50.0	-12.0	20.0	
4-Isopropyltoluene	Ave	2.704	2.566		47.4	50.0	-5.0	20.0	
1,4-Dichlorobenzene	Ave	1.368	1.176	0.5000	43.0	50.0	-14.0	20.0	
n-Butylbenzene	Ave	2.533	2.418		47.7	50.0	-5.0	20.0	
1,2-Dichlorobenzene	Ave	1.354	1.147	0.4000	42.3	50.0	-15.0	20.0	
1,2-Dibromo-3-Chloropropane	Ave	0.1393	0.1195	0.0500	42.9	50.0	-14.0	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Lab Sample ID: ICV 480-779074/27 Calibration Date: 06/24/2026 04:58

Instrument ID: HP5977R Calib Start Date: 06/23/2026 22:12

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 06/24/2026 00:27

Lab File ID: R5112.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	2.545	1.578	0.1000	31.0	50.0	-38.0	50.0
Chloromethane	Ave	1.965	1.679	0.1000	42.7	50.0	-14.6	30.0
Vinyl chloride	Ave	2.183	1.937	0.1000	44.4	50.0	-11.0	30.0
Butadiene	Ave	1.867	1.738		46.5	50.0	-7.0	30.0
Bromomethane	Ave	1.389	1.330	0.1000	47.9	50.0	-4.0	50.0
Chloroethane	Ave	1.155	1.143	0.1000	49.5	50.0	-1.0	50.0
Trichlorofluoromethane	Ave	2.560	2.592	0.1000	50.6	50.0	1.0	30.0
Ethyl ether	Ave	0.9140	0.9706		53.1	50.0	6.0	30.0
Acrolein	Ave	0.0520	0.0542		260	250	4.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.666	1.749	0.1000	52.5	50.0	5.0	30.0
1,1-Dichloroethene	Ave	1.227	1.229	0.1000	50.1	50.0	0.0	30.0
Acetone	Ave	0.2311	0.2366	0.1000	256	250	2.0	50.0
Iodomethane	Ave	2.291	2.414		52.7	50.0	5.0	30.0
Carbon disulfide	Ave	4.962	5.008	0.1000	50.5	50.0	1.0	30.0
3-Chloro-1-propene	Ave	1.542	1.547		50.1	50.0	0.0	30.0
Methyl acetate	Ave	0.5740	0.6053	0.1000	105	100	5.0	50.0
Methylene Chloride	Lin1		1.649	0.1000	57.1	50.0	14.0	30.0
2-Methyl-2-propanol	Ave	0.1141	0.1250		548	500	10.0	50.0
Methyl tert-butyl ether	Ave	3.853	4.114	0.1000	53.4	50.0	7.0	30.0
trans-1,2-Dichloroethene	Ave	1.436	1.462	0.1000	50.9	50.0	2.0	30.0
Acrylonitrile	Ave	0.3446	0.3664		532	500	6.0	30.0
Hexane	Ave	1.869	1.689		45.2	50.0	-10.0	30.0
1,1-Dichloroethane	Ave	2.183	2.261	0.2000	51.8	50.0	4.0	30.0
Vinyl acetate	Ave	1.217	1.241		102	100	2.0	30.0
2,2-Dichloropropane	Ave	1.905	1.891		49.6	50.0	-1.0	30.0
cis-1,2-Dichloroethene	Ave	1.506	1.588	0.1000	52.7	50.0	5.0	30.0
2-Butanone (MEK)	Ave	0.3067	0.3218	0.1000	262	250	5.0	30.0
Chlorobromomethane	Ave	0.6947	0.7376		53.1	50.0	6.0	30.0
Tetrahydrofuran	Ave	0.2282	0.2335		102	100	2.0	30.0
Chloroform	Ave	2.358	2.456	0.2000	52.1	50.0	4.0	30.0
1,1,1-Trichloroethane	Ave	2.238	2.359	0.1000	52.7	50.0	5.0	30.0
Cyclohexane	Ave	2.530	2.549	0.1000	50.4	50.0	1.0	30.0
Carbon tetrachloride	Ave	1.868	2.041	0.1000	54.6	50.0	9.0	30.0
1,1-Dichloropropene	Ave	1.644	1.662		50.6	50.0	1.0	30.0
Benzene	Ave	5.024	5.138	0.5000	51.1	50.0	2.0	30.0
Isobutyl alcohol	Ave	0.0356	0.0383		1340	1250	8.0	50.0
1,2-Dichloroethane	Ave	1.259	1.333	0.1000	52.9	50.0	6.0	30.0
n-Heptane	Ave	1.375	1.335		48.6	50.0	-3.0	30.0
Trichloroethene	Ave	1.264	1.316	0.2000	52.1	50.0	4.0	30.0
Methylcyclohexane	Ave	2.867	2.857	0.1000	49.8	50.0	0.0	30.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779978/2-A

Matrix: Solid | Lab File ID: M02454.D

Analysis Method: EPA 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/06/2026 21:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	0.81
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	0.65
75-34-3	1,1-Dichloroethane	ND		5.0	0.61
75-35-4	1,1-Dichloroethene	ND		5.0	0.61
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.5
95-50-1	1,2-Dichlorobenzene	ND		5.0	0.39
107-06-2	1,2-Dichloroethane	ND		5.0	0.25
78-87-5	1,2-Dichloropropane	ND		5.0	2.5
541-73-1	1,3-Dichlorobenzene	ND		5.0	0.26
106-46-7	1,4-Dichlorobenzene	ND		5.0	0.70
78-93-3	2-Butanone (MEK)	ND		25	1.8
591-78-6	2-Hexanone	ND		25	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	1.6
67-64-1	Acetone	ND		25	4.2
71-43-2	Benzene	ND		5.0	0.25
75-25-2	Bromoform	ND		5.0	2.5
74-83-9	Bromomethane	ND		5.0	0.45
75-15-0	Carbon disulfide	ND		5.0	2.5
56-23-5	Carbon tetrachloride	ND		5.0	0.48
108-90-7	Chlorobenzene	ND		5.0	0.66
124-48-1	Dibromochloromethane	ND		5.0	0.64
75-00-3	Chloroethane	ND		5.0	1.1
67-66-3	Chloroform	1.02	J	5.0	0.31
74-87-3	Chloromethane	ND		5.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		5.0	0.64
110-82-7	Cyclohexane	ND		5.0	0.70
75-27-4	Bromodichloromethane	ND		5.0	0.67
75-71-8	Dichlorodifluoromethane	ND		5.0	0.41
100-41-4	Ethylbenzene	ND		5.0	0.35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779979/2-A

Matrix: Solid | Lab File ID: R5176.D

Analysis Method: EPA 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/06/2026 21:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	0.81
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	0.65
75-34-3	1,1-Dichloroethane	ND		5.0	0.61
75-35-4	1,1-Dichloroethene	ND		5.0	0.61
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.5
95-50-1	1,2-Dichlorobenzene	ND		5.0	0.39
107-06-2	1,2-Dichloroethane	ND		5.0	0.25
78-87-5	1,2-Dichloropropane	ND		5.0	2.5
541-73-1	1,3-Dichlorobenzene	ND		5.0	0.26
106-46-7	1,4-Dichlorobenzene	ND		5.0	0.70
78-93-3	2-Butanone (MEK)	ND		25	1.8
591-78-6	2-Hexanone	ND		25	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	1.6
67-64-1	Acetone	6.71	J	25	4.2
71-43-2	Benzene	ND		5.0	0.25
75-25-2	Bromoform	ND		5.0	2.5
74-83-9	Bromomethane	ND		5.0	0.45
75-15-0	Carbon disulfide	ND		5.0	2.5
56-23-5	Carbon tetrachloride	ND		5.0	0.48
108-90-7	Chlorobenzene	ND		5.0	0.66
124-48-1	Dibromochloromethane	ND		5.0	0.64
75-00-3	Chloroethane	ND		5.0	1.1
67-66-3	Chloroform	0.758	J	5.0	0.31
74-87-3	Chloromethane	ND		5.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		5.0	0.64
110-82-7	Cyclohexane	ND		5.0	0.70
75-27-4	Bromodichloromethane	ND		5.0	0.67
75-71-8	Dichlorodifluoromethane	ND		5.0	0.41
100-41-4	Ethylbenzene	ND		5.0	0.35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779979/2-A

Matrix: Solid | Lab File ID: R5176.D

Analysis Method: EPA 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/06/2026 21:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	ND		5.0	0.64
98-82-8	Isopropylbenzene	ND		5.0	0.75
79-20-9	Methyl acetate	ND		25	3.0
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.49
108-87-2	Methylcyclohexane	ND		5.0	0.76
75-09-2	Methylene Chloride	ND		5.0	2.3
127-18-4	Tetrachloroethene	ND		5.0	0.67
108-88-3	Toluene	0.390	J	5.0	0.38
156-60-5	trans-1,2-Dichloroethene	ND		5.0	0.52
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	2.2
79-01-6	Trichloroethene	ND		5.0	1.1
75-69-4	Trichlorofluoromethane	ND		5.0	0.47
75-01-4	Vinyl chloride	ND		5.0	0.61
1330-20-7	Xylenes, Total	ND		10	0.84
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	0.72
100-42-5	Styrene	ND		5.0	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		64-126
460-00-4	4-Bromofluorobenzene (Surr)	101		72-126
2037-26-5	Toluene-d8 (Surr)	102		71-125
1868-53-7	Dibromofluoromethane (Surr)	96		60-140

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779979/2-A

Matrix: Solid | Lab File ID: R5176.D

Analysis Method: EPA 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/06/2026 21:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 779985 | Units: ug/Kg

Preparation Batch No.: 779979 | Instrument ID: HP5977R

Number TICs Found: 1 | TIC Result Total: 5.04

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	11.39	5.04	T J	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Lab Sample ID: CCVIS 480-779900/3 | Calibration Date: 07/06/2026 09:56

Instrument ID: HP5973V | Calib Start Date: 06/09/2026 10:36

GC Column: RXI-5Sil MS ID: 0.25(mm) | Calib End Date: 06/09/2026 13:37

Lab File ID: V31750112.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Biphenyl	Ave	1.712	1.711	0.0100	40000	40000	0.0	20.0
2-Chloronaphthalene	Ave	1.285	1.298	0.8000	40400	40000	1.0	20.0
2-Nitroaniline	Lin2		0.4139	0.0100	41900	40000	5.0	20.0
Dimethyl phthalate	Lin2		1.410	0.0100	40700	40000	2.0	20.0
1,3-Dinitrobenzene	Lin2		0.1245	0.0100	46600	40000	17.0	20.0
2,6-Dinitrotoluene	Lin2		0.3183	0.2000	42400	40000	6.0	20.0
Acenaphthylene	Lin2		2.026	0.9000	40700	40000	2.0	20.0
3-Nitroaniline	Lin2		0.3696	0.0100	42100	40000	5.0	20.0
Acenaphthene	Ave	1.311	1.324	0.9000	40400	40000	1.0	20.0
2,4-Dinitrophenol	Lin1		0.1984	0.0100	109000	80000	36.0*	20.0
4-Nitrophenol	Lin2		0.2089	0.0100	87300	80000	9.0	20.0
2,4-Dinitrotoluene	Lin2		0.4465	0.2000	44800	40000	12.0	20.0
Dibenzofuran	Ave	1.764	1.793	0.8000	40600	40000	2.0	20.0
2,3,4,6-Tetrachlorophenol	Lin2		0.3563	0.0100	44600	40000	11.0	20.0
Diethyl phthalate	Lin2		1.389	0.0100	41200	40000	3.0	20.0
Hexadecane	Lin2		0.9730	0.0100	39200	40000	-2.0	20.0
Fluorene	Ave	1.431	1.493	0.9000	41700	40000	4.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6907	0.7143	0.4000	41400	40000	3.0	20.0
4-Nitroaniline	Lin2		0.3809	0.0100	42400	40000	6.0	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1662	0.0100	107000	80000	34.0*	20.0
Diphenylamine	Ave	0.7318	0.7517	0.0100	35100	34200	3.0	20.0
N-Nitrosodiphenylamine	Ave	0.6257	0.6427	0.0100	41100	40000	3.0	20.0
1,2-Diphenylhydrazine	Lin2		1.595	0.0100	40700	40000	2.0	20.0
Azobenzene	Ave	0.9407	0.9634	0.0100	41000	40000	2.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2466	0.2598	0.1000	42100	40000	5.0	20.0
Hexachlorobenzene	Ave	0.2780	0.2888	0.1000	41600	40000	4.0	20.0
Atrazine	Lin2		0.3800	0.0100	43800	40000	9.0	20.0
Pentachlorophenol	Lin2		0.1844	0.0500	89700	80000	12.0	20.0
n-Octadecane	Lin2		0.5856	0.0100	38800	40000	-3.0	20.0
Phenanthrene	Ave	1.287	1.319	0.7000	41000	40000	3.0	20.0
Anthracene	Lin2		1.359	0.7000	41900	40000	5.0	20.0
Carbazole	Ave	1.133	1.199	0.0100	42300	40000	6.0	20.0
Di-n-butyl phthalate	Lin2		1.436	0.0100	42300	40000	6.0	20.0
Fluoranthene	Lin2		1.456	0.6000	43700	40000	9.0	20.0
Benzidine	Lin2		1.068	0.0100	78800	80000	-2.0	50.0
Pyrene	Ave	1.492	1.501	0.6000	40200	40000	1.0	20.0
Butyl benzyl phthalate	Lin2		0.6500	0.0100	42100	40000	5.0	20.0
3,3'-Dichlorobenzidine	Lin2		0.6514	0.0100	82500	80000	3.0	50.0
Benzo[a]anthracene	Ave	1.470	1.520	0.8000	41400	40000	3.0	20.0
Bis(2-ethylhexyl) phthalate	Lin2		0.9554	0.0100	42400	40000	6.0	20.0
Chrysene	Ave	1.435	1.464	0.7000	40800	40000	2.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Lab Sample ID: CCVIS 480-779904/2 | Calibration Date: 07/06/2026 22:00

Instrument ID: HP5973V | Calib Start Date: 06/09/2026 10:36

GC Column: RXI-5Sil MS ID: 0.25(mm) | Calib End Date: 06/09/2026 13:37

Lab File ID: V31750142.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Biphenyl	Ave	1.712	1.791	0.0100	41800	40000	5.0	20.0
2-Chloronaphthalene	Ave	1.285	1.361	0.8000	42400	40000	6.0	20.0
2-Nitroaniline	Lin2		0.4120	0.0100	41800	40000	4.0	20.0
Dimethyl phthalate	Lin2		1.384	0.0100	40000	40000	0.0	20.0
1,3-Dinitrobenzene	Lin2		0.1080	0.0100	40800	40000	2.0	20.0
2,6-Dinitrotoluene	Lin2		0.3205	0.2000	42700	40000	7.0	20.0
Acenaphthylene	Lin2		2.064	0.9000	41400	40000	4.0	20.0
3-Nitroaniline	Lin2		0.3621	0.0100	41300	40000	3.0	20.0
Acenaphthene	Ave	1.311	1.339	0.9000	40800	40000	2.0	20.0
2,4-Dinitrophenol	Lin1		0.1708	0.0100	95000	80000	19.0	20.0
4-Nitrophenol	Lin2		0.2082	0.0100	87000	80000	9.0	20.0
2,4-Dinitrotoluene	Lin2		0.4298	0.2000	43200	40000	8.0	20.0
Dibenzofuran	Ave	1.764	1.769	0.8000	40100	40000	0.0	20.0
2,3,4,6-Tetrachlorophenol	Lin2		0.3425	0.0100	42900	40000	7.0	20.0
Diethyl phthalate	Lin2		1.333	0.0100	39600	40000	-1.0	20.0
Hexadecane	Lin2		1.022	0.0100	41200	40000	3.0	20.0
Fluorene	Ave	1.431	1.456	0.9000	40700	40000	2.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6907	0.6992	0.4000	40500	40000	1.0	20.0
4-Nitroaniline	Lin2		0.3717	0.0100	41400	40000	4.0	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1540	0.0100	99600	80000	25.0*	20.0
Diphenylamine	Ave	0.7318	0.7494	0.0100	35000	34200	2.0	20.0
N-Nitrosodiphenylamine	Ave	0.6257	0.6408	0.0100	41000	40000	2.0	20.0
1,2-Diphenylhydrazine	Lin2		1.555	0.0100	39700	40000	-1.0	20.0
Azobenzene	Ave	0.9407	0.9622	0.0100	40900	40000	2.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2466	0.2549	0.1000	41300	40000	3.0	20.0
Hexachlorobenzene	Ave	0.2780	0.2861	0.1000	41200	40000	3.0	20.0
Atrazine	Lin2		0.3494	0.0100	40300	40000	1.0	20.0
Pentachlorophenol	Lin2		0.1707	0.0500	83200	80000	4.0	20.0
n-Octadecane	Lin2		0.5855	0.0100	38800	40000	-3.0	20.0
Phenanthrene	Ave	1.287	1.319	0.7000	41000	40000	2.0	20.0
Anthracene	Lin2		1.368	0.7000	42100	40000	5.0	20.0
Carbazole	Ave	1.133	1.244	0.0100	43900	40000	10.0	20.0
Di-n-butyl phthalate	Lin2		1.422	0.0100	41900	40000	5.0	20.0
Fluoranthene	Lin2		1.568	0.6000	47000	40000	18.0	20.0
Benzidine	Lin2		0.9716	0.0100	71800	80000	-10.0	50.0
Pyrene	Ave	1.492	1.397	0.6000	37500	40000	-6.0	20.0
Butyl benzyl phthalate	Lin2		0.5921	0.0100	38400	40000	-4.0	20.0
3,3'-Dichlorobenzidine	Lin2		0.6803	0.0100	86100	80000	8.0	50.0
Benzo[a]anthracene	Ave	1.470	1.499	0.8000	40800	40000	2.0	20.0
Bis(2-ethylhexyl) phthalate	Lin2		0.8759	0.0100	38900	40000	-3.0	20.0
Chrysene	Ave	1.435	1.434	0.7000	40000	40000	0.0	20.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779822/1-A

Matrix: Solid | Lab File ID: V31750120.d

Analysis Method: EPA 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15(g) | Date Analyzed: 07/06/2026 13:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	ND		170	130
56-55-3	Benzo[a]anthracene	ND		170	23
50-32-8	Benzo[a]pyrene	ND		170	29
205-99-2	Benzo[b]fluoranthene	ND		170	23
191-24-2	Benzo[g,h,i]perylene	ND		170	30
207-08-9	Benzo[k]fluoranthene	ND		170	38
111-91-1	Bis(2-chloroethoxy)methane	ND		170	32
111-44-4	Bis(2-chloroethyl)ether	ND		170	32
117-81-7	Bis(2-ethylhexyl) phthalate	50.5	J	170	37
85-68-7	Butyl benzyl phthalate	ND		170	31
105-60-2	Caprolactam	ND		170	39
86-74-8	Carbazole	ND		170	33
218-01-9	Chrysene	ND		170	41
53-70-3	Dibenz(a,h)anthracene	ND		170	34
84-74-2	Di-n-butyl phthalate	ND		170	38
117-84-0	Di-n-octyl phthalate	ND		170	32
132-64-9	Dibenzofuran	ND		170	30
84-66-2	Diethyl phthalate	ND		170	30
131-11-3	Dimethyl phthalate	ND		170	33
206-44-0	Fluoranthene	ND		170	31
86-73-7	Fluorene	ND		170	31
118-74-1	Hexachlorobenzene	ND		170	33
87-68-3	Hexachlorobutadiene	ND		170	25
77-47-4	Hexachlorocyclopentadiene	ND		330	74
67-72-1	Hexachloroethane	ND		170	31
193-39-5	Indeno[1,2,3-cd]pyrene	ND		170	25
78-59-1	Isophorone	ND		170	35
621-64-7	N-Nitrosodi-n-propylamine	ND		170	38
86-30-6	N-Nitrosodiphenylamine	ND		170	28
91-20-3	Naphthalene	ND		170	28
98-95-3	Nitrobenzene	ND		170	28

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240063-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779822/1-A

Matrix: Solid | Lab File ID: V31750120.d

Analysis Method: EPA 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 07/02/2026 13:17

Sample wt/vol: 15(g) | Date Analyzed: 07/06/2026 13:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 779900 | Units: ug/Kg

Preparation Batch No.: 779822 | Instrument ID: HP5973V

Number TICs Found: 2 | TIC Result Total: 11770

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.00	5180	T J	
	Unknown	3.50	6590	T J	

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 5_90233.D

Lab ID: 480-240063-2 MSD Client ID: RI-BH-4 1-3' MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,4'-DDD	37.3	17.7	47	28	21	37-126	F2
4,4'-DDE	37.3	19.6	53	20	18	34-120	F2
4,4'-DDT	37.3	18.4	49	38	25	43-123	F2
beta-BHC	37.3	18.0	48	20	19	36-120	F2
cis-Chlordane	37.3	20.4	55	18	23	35-120	
alpha-BHC	37.3	19.0	51	18	15	39-120	F2
Aldrin	37.3	22.6	60	15	12	37-125	F2
delta-BHC	37.3	13.0	35	43	14	34-120	F2
Dieldrin	37.3	19.7	53	16	12	45-120	F2
Endosulfan I	37.3	15.3	41	35	18	39-120	F2
Endosulfan II	37.3	12.2	33	48	26	34-126	F1 F2
Endosulfan sulfate	37.3	11.6	31	44	35	27-130	F2
Endrin	37.3	19.8	53	19	20	47-121	
Endrin aldehyde	37.3	11.1	30	49	47	33-123	F1 F2
Endrin ketone	37.3	13.8	37	45	37	43-126	F1 F2
gamma-BHC (Lindane)	37.3	16.8	45	20	12	50-120	F1 F2
trans-Chlordane	37.3	19.0	51	17	15	31-120	F2
Heptachlor	37.3	22.9	61	17	22	42-120	
Heptachlor epoxide	37.3	22.3	60	13	15	40-120	
Methoxychlor	37.3	15.4	41	46	24	44-150	F1 F2

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-3 1-3' Lab Sample ID: 480-240063-1

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/07/2026 16:03 Date Analyzed (2): 07/07/2026 16:03

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.86	2.84	2.90	0.86		13.4
	2		3.26	3.23	3.29	0.75		
4,4'-DDE	1		4.73	4.70	4.76	5.3		21.3
	2		5.52	5.49	5.55	6.5		
4,4'-DDD	1		5.34	5.31	5.37	1.6		10.9
	2		6.12	6.09	6.15	1.7		
4,4'-DDT	1		5.62	5.59	5.65	4.5		28.5
	2		6.45	6.42	6.48	3.4		
Methoxychlor	1		6.11	6.10	6.16	1.5		114.3
	2		7.14	7.12	7.18	5.6		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-9 1-3' Lab Sample ID: 480-240063-3

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/07/2026 16:23 Date Analyzed (2): 07/07/2026 16:23

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		4.74	4.70	4.76	1.1		34.0
	2		5.52	5.49	5.55	1.6		
4,4'-DDD	1		5.34	5.31	5.37	2.6		11.0
	2		6.12	6.09	6.15	2.9		
4,4'-DDT	1		5.63	5.59	5.65	4.3		61.6
	2		6.45	6.42	6.48	2.3		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-12 1-3' Lab Sample ID: 480-240063-12

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/07/2026 19:20 Date Analyzed (2): 07/07/2026 19:20

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDD	1		5.34	5.31	5.37	7.1		3.2
	2		6.12	6.09	6.15	6.9		
Methoxychlor	1		6.12	6.10	6.16	5.6		63.8
	2		7.14	7.12	7.18	11		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-6 1-3' Lab Sample ID: 480-240063-16

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/08/2026 10:09 Date Analyzed (2): 07/08/2026 10:09

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Methoxychlor	1		6.11	6.09	6.15	9.5		31.7
	2		7.13	7.11	7.17	6.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Client Sample ID: RI-BH-7 4-6' Lab Sample ID: 480-240063-19

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/08/2026 11:08 Date Analyzed (2): 07/08/2026 11:08

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
gamma-BHC (Lindane)	1		3.11	3.08	3.14	10		48.1
	2		3.56	3.56	3.62	16		
delta-BHC	1		3.33	3.30	3.36	7.9		2.3
	2		3.97	3.93	3.99	7.7		
4,4'-DDT	1		5.61	5.59	5.65	22		70.4
	2		6.44	6.42	6.48	11		
Methoxychlor	1		6.11	6.09	6.15	12		126.9
	2		7.13	7.11	7.17	51		
Endrin ketone	1		6.60	6.60	6.66	14		35.2
	2		7.43	7.38	7.44	9.8		

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Lab Sample ID: ICV 480-778736/20 Calibration Date: 06/19/2026 18:59

Instrument ID: HP6890-5 Calib Start Date: 06/19/2026 17:21

GC Column: RTX-CLPI ID: 0.53(mm) Calib End Date: 06/19/2026 18:40

Lab File ID: 5_89418.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		0.0295		0.281	0.500	-44.0*	20.0
Toxaphene Peak 2	Lin1		0.0742		0.489	0.500	-2.0	20.0
Toxaphene Peak 3	Lin1		0.0385		0.499	0.500	0.0	20.0
Toxaphene Peak 4	Lin1		0.0221		0.310	0.500	-38.0*	20.0
Toxaphene Peak 5	Lin1		0.0483		0.653	0.500	31.0*	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Lab Sample ID: ICV 480-778736/20 Calibration Date: 06/19/2026 18:59

Instrument ID: HP6890-5 Calib Start Date: 06/19/2026 17:21

GC Column: RTX-CLPII ID: 0.53(mm) Calib End Date: 06/19/2026 18:40

Lab File ID: 5_89418.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		0.0197		0.414	0.500	-17.0	20.0
Toxaphene Peak 2	Lin1		0.0171		0.267	0.500	-47.0*	20.0
Toxaphene Peak 3	Lin1		0.0437		0.403	0.500	-19.0	20.0
Toxaphene Peak 4	Lin1		0.0333		0.500	0.500	0.0	20.0
Toxaphene Peak 5	Lin1		0.0373		0.646	0.500	29.0*	20.0

FORM II
PFAS SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240063-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Gemini C18 ID: 3 (mm)

Client Sample ID	Lab Sample ID	d5NEFOS #	C8PFOS #	13C7PUA #	PFDoA #	PFOSA #	PFTDA #	#	NMFM #
RI-BH-3 1-3'	480-240063-1	79.0	72.4	63.3	56.2	73.5	44.0	52.9	38.8
RI-BH-4 1-3'	480-240063-2	58.5	75.1	74.1	69.7	66.2	52.1	57.8	39.4
RI-BH-9 1-3'	480-240063-3	71.8	86.8	84.7	78.1	84.3	55.0	59.2	42.9
RI-BH-10 1-3'	480-240063-4	58.7	65.4	63.6	52.2	69.2	35.4	40.4	29.7
RI-BH-11 1-3'	480-240063-5	59.4	55.0	66.9	62.1	64.7	47.8	52.9	46.4
RI-BH-1 1-3'	480-240063-6	59.9	65.7	64.2	55.5	68.5	40.2	47.9	42.7
RI-BH-1 8-10'	480-240063-7	60.8	61.1	63.1	61.0	71.1	49.8	54.6	43.4
RI-BH-2 1-3'	480-240063-8	62.3	53.8	58.8	56.2	68.7	47.9	54.9	49.4
RI-BH-2 8-10	480-240063-9	71.6	74.3	69.8	64.0	75.5	47.8	57.2	42.1
RI-BH-8 1-3'	480-240063-10	46.6	14.4 *5-	23.4 *5-	17.6 *5-	63.6	35.4	32.7	42.9
RI-BH-8 8-10'	480-240063-11	58.1	67.9	76.8	67.9	74.5	60.6	57.9	46.8
RI-BH-12 1-3'	480-240063-12	52.5	60.6	74.9	59.8	68.2	53.9	52.5	47.7
RI-BH-12 8-10	480-240063-13	53.2	56.6	71.5	64.9	72.7	48.4	44.1	50.9
RI-BH-5 1-3'	480-240063-14	56.2	65.9	77.2	66.8	70.2	57.9	60.9	55.3
RI-BH-5 4-6'	480-240063-15	58.0	61.9	71.8	62.0	70.6	49.6	52.3	44.7
RI-BH-6 1-3'	480-240063-16	56.0	64.1	76.7	65.4	73.0	56.7	59.2	42.2
RI-BH-6 4-6'	480-240063-17	54.6	57.9	69.1	59.7	67.1	48.6	51.8	35.9
RI-BH-7 1-3'	480-240063-18	58.4	66.9	77.8	64.6	74.4	54.4	55.4	43.4
RI-BH-7 4-6'	480-240063-19	58.0	72.0	80.4	68.2	74.9	59.3	63.1	49.0
	MB 410-848843/1-A	70.2	84.1	81.5	71.4	78.9	47.4	62.2	34.4
	MB 410-851001/1-A	69.3	81.1	95.8	79.2	88.8	71.8	70.7	64.8
	LCS 410-848843/2-A	56.5	71.7	65.5	62.9	66.5	45.9	54.7	26.2
	LCS 410-851001/2-A	55.5	74.9	77.4	60.4	77.5	52.5	58.1	35.8
	LLCS 410-848843/3-A	54.3	71.7	65.0	58.9	67.7	46.0	51.3	34.7
	LLCS 410-851001/3-A	66.0	74.8	89.5	72.7	80.2	66.0	68.9	45.0
RI-BH-8 1-3' MS	480-240063-10 MS	74.4	68.0	69.2	68.8	66.9	56.3	59.1	51.1
RI-BH-7 4-6' MS	480-240063-19 MS	52.4	66.5	74.5	58.0	71.1	45.3	47.5	28.3
RI-BH-8 1-3' MSD	480-240063-10 MSD	75.7	68.0	64.0	60.8	69.9	55.3	60.7	56.9
RI-BH-7 4-6' MSD	480-240063-19 MSD	64.6	71.5	87.9	77.6	78.7	64.0	63.9	53.6

	QC LIMITS
d5NEFOS = d5-NEtFOSAA	40-150
C8PFOS = 13C8 PFOS	40-130
13C7PUA = 13C7 PFUnA	40-130
PFDoA = 13C2 PFDoA	40-130
PFOSA = 13C8 FOSA	40-130
PFTDA = 13C2 PFTeDA	20-130
= 13C3-PFDoS	20-150
NMFM = d7-N-MeFOSE-M	20-130

Column to be used to flag recovery values

FORM II 1633A

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: RI-BH-9 1-3' MS Lab ID: 480-240063-3 MS

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 80.3

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.393		0.15		0.417	58	80-120	F1	7471B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: RI-BH-8 1-3' MS Lab ID: 480-240063-10 MS

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 93.7

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	12570		5820		1140	590	75-125	4	6010D
Antimony	86.01		ND		112	77	75-125		6010D
Arsenic	224.8		22.5		224	90	75-125		6010D
Barium	396.9		284		224	50	75-125	F1	6010D
Beryllium	104.5		0.31		112	93	75-125		6010D
Cadmium	111.4		1.6		112	98	75-125		6010D
Calcium	38520		48500		5600	-178	75-125	4	6010D
Chromium	124.6		18.5		112	95	75-125		6010D
Cobalt	119.4		4.6		112	103	75-125		6010D
Copper	135.9		51.5		112	75	75-125		6010D
Iron	12190		14400		1140	-196	75-125		6010D
Lead	1133		1940		112	-720	75-125	4	6010D
Magnesium	13930		6230		5600	137	75-125	F1	6010D
Manganese	321.4		279		112	38	75-125	F1	6010D
Nickel	116.9		12.2		112	93	75-125		6010D
Potassium	8580		1410		5600	128	75-125	F1	6010D
Selenium	220.9		0.95	J	224	98	75-125		6010D
Silver	11.45		1.1		11.2	93	75-125	^5-	6010D
Sodium	5635		307		5600	95	75-125		6010D
Thallium	229.1		ND		224	102	75-125		6010D
Vanadium	131.0		21.2		112	98	75-125		6010D
Zinc	398.7		802		112	-360	75-125	4	6010D

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: RI-BH-8 1-3' MSD Lab ID: 480-240063-10 MSD

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 93.7

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Aluminum	9655		1140	336	75-125	26	20	4 F2	6010D
Antimony	88.97		112	80	75-125	3	20		6010D
Arsenic	239.8		224	97	75-125	6	20		6010D
Barium	391.4		224	48	75-125	1	20	F1	6010D
Beryllium	102.8		112	92	75-125	2	20		6010D
Cadmium	111.1		112	98	75-125	0	20		6010D
Calcium	38080		5590	-186	75-125	1	20	4	6010D
Chromium	120.4		112	91	75-125	3	20		6010D
Cobalt	124.3		112	107	75-125	4	20		6010D
Copper	141.4		112	80	75-125	4	20		6010D
Iron	25100		1140	936	75-125	69	20	4 F2	6010D
Lead	923.3		112	-909	75-125	20	20	4	6010D
Magnesium	11470		5590	94	75-125	19	20		6010D
Manganese	435.0		112	140	75-125	30	20	F1 F2	6010D
Nickel	120.8		112	97	75-125	3	20		6010D
Potassium	7315		5590	106	75-125	16	20		6010D
Selenium	219.7		224	98	75-125	1	20		6010D
Silver	11.41		11.2	92	75-125	0	20	^5-	6010D
Sodium	5490		5590	93	75-125	3	20		6010D
Thallium	231.6		223	104	75-125	1	20		6010D
Vanadium	128.6		112	96	75-125	2	20		6010D
Zinc	453.2		112	-312	75-125	13	20	4	6010D

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 480-779976/20

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

Sample Matrix: LCS Source: LRC_00028

Analyte	(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	600	628.1		105	90	110		6010D
Antimony	5.00	5.14		103	90	110		6010D
Arsenic	5.00	5.08		102	90	110		6010D
Barium	20.0	20.96		105	90	110		6010D
Beryllium	25.0	23.29		93	90	110		6010D
Cadmium	5.00	5.37		107	90	110		6010D
Calcium	700	654.2		93	90	110		6010D
Chromium	10.0	9.44		94	90	110		6010D
Cobalt	20.0	21.01		105	90	110		6010D
Iron	600	576.8		96	90	110		6010D
Lead	40.0	43.32		108	90	110		6010D
Magnesium	400	427.8		107	90	110		6010D
Manganese	40.0	38.07		95	90	110		6010D
Nickel	10.0	9.23		92	90	110		6010D
Potassium	500	542.6		109	90	110		6010D
Selenium	40.0	40.82		102	90	110		6010D
Silver	3.00	2.02		67	90	110	^5-	6010D
Sodium	806	823.6		102	90	110		6010D
Sodium	806	850.4		106	90	110		6010D
Thallium	20.0	20.95		105	90	110		6010D
Vanadium	5.00	4.84		97	90	110		6010D
Zinc	20.0	19.43		97	90	110		6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 480-780000/20

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

Sample Matrix: LCS Source: LRC_00028

Analyte	(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	600	628.1		105	90	110		6010D
Antimony	5.00	5.14		103	90	110		6010D
Arsenic	5.00	5.08		102	90	110		6010D
Barium	20.0	20.96		105	90	110		6010D
Beryllium	25.0	23.29		93	90	110		6010D
Cadmium	5.00	5.37		107	90	110		6010D
Calcium	700	654.2		93	90	110		6010D
Chromium	10.0	9.44		94	90	110		6010D
Cobalt	20.0	21.01		105	90	110		6010D
Iron	600	576.8		96	90	110		6010D
Lead	40.0	43.32		108	90	110		6010D
Magnesium	400	427.8		107	90	110		6010D
Manganese	40.0	38.07		95	90	110		6010D
Nickel	10.0	9.23		92	90	110		6010D
Potassium	500	542.6		109	90	110		6010D
Selenium	40.0	40.82		102	90	110		6010D
Silver	3.00	2.02		67	90	110	^5-	6010D
Sodium	806	823.6		102	90	110		6010D
Sodium	806	850.4		106	90	110		6010D
Thallium	20.0	20.95		105	90	110		6010D
Vanadium	5.00	4.84		97	90	110		6010D
Zinc	20.0	19.43		97	90	110		6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job No.: 480-240063-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 780084	Date: 07/07/2026 16:43		Prep Batch: 780075		Date: 07/07/2026 13:40						
9012B	480-240063-7	Cyanide, Total	ND		mg/Kg						F1
9012B	480-240063-7 MS	Cyanide, Total	ND		mg/Kg	1.33	0	85-115			F1
Batch ID: 780435	Date: 07/10/2026 14:55		Prep Batch: 780416		Date: 07/09/2026 14:02						
9012B	480-240063-8	Cyanide, Total	ND		mg/Kg						F1
9012B	480-240063-8 MS	Cyanide, Total	ND		mg/Kg	1.44	0	85-115			F1

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM V-IN

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

375 Michigan Ave. RI
Buffalo, NY
Project # 48030331

SDG: **J240098-1**
9 soil samples

Prepared for:

BE3 Corp.
960 Busti Avenue
Suite 150-B
Buffalo, NY 14213
Attention: Will Goldsmith

July 2026

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
BE3 SDG J240098-1: 375 Michigan Ave. RI

The data associated with this Sample Delivery Group (SDG) J240098-1, analyzed by Eurofins Buffalo, Buffalo, NY have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K Perry Date: 7/30/2026

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	375 Michigan Ave. RI Buffalo, NY Site #: 48030331
SAMPLING DATE:	July 02, 2026
SAMPLE TYPE:	9 soil samples
LABORATORY:	Eurofins Buffalo Buffalo, NY
SDG No.:	J240098-1

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for nine soil samples collected on July 02, 2026. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), Pesticides, PCBs, PFASs, Metals, and Total Cyanide (TCN).

All analyses were performed by Eurofins Buffalo, Buffalo, NY and analyzed as SDG J240098-1. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Tables 6-1 through 6-7. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG J240098-1, nine samples were analyzed and results were reported for 1685 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have rejected/qualified and the corresponding QC reasons.

Note 1): As noted by the laboratory, the samples were not collected by SW-846 5035A protocol. This adds an element of uncertainty to the 8260D Volatile Organic Compounds (VOCs). Although not specifically indicated on the VOC data sheets with a "J" flag, the VOC data should be considered as estimated but usable.

Table 6-1 8260 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	Chloroform	CRQL-U	Analyte detected in method blank	Data changed to non-detect
RI-BH-12 0-2	23 out of 50 analytes outside QC limits low (see Form 1's)	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
RI-BH-3 0-2 RI-BH-4 0-2 RI-BH-9 0-2 RI-BH-10 0-2 RI-BH-11 0-2 RI-BH-1 0-2 RI-BH-2 0-2 RI-BH-8 0-2 RI-BH-12 0-2	1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloropropane 2-Butanone Acetone Benzene Bromodichloromethane Bromomethane Carbon disulfide Carbon tetrachloride Chloroethane Chloromethane Cyclohexane Dichlorodifluoromethane Methylene chloride Methylcyclohexane trans-1,2-Dichloroethene Trichloroethene	J detects UJ non-detects	CCV %D > QC limit	Data are estimated

	Trichlorofluoromethane cis-1,3-Dichloropropene Vinyl chloride			

Table 6-2 8270 SVOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-BH-3 0-2 RI-BH-4 0-2 RI-BH-9 0-2 RI-BH-10 0-2 RI-BH-11 0-2 RI-BH-1 0-2 RI-BH-2 0-2 RI-BH-8 0-2 RI-BH-12 0-2	2,4-Dinitrophenol 2,4-Dinitrotoluene 4,6-Dinitro-2-methylphenol 4,-Nitroaniline 4-Nitrophenol Atrazine Hexachlorocycopentadiene	J detects UJ non-detects	CCV %D > QC limit	Data are estimated
RI-BH-3 0-2 RI-BH-4 0-2 RI-BH-9 0-2 RI-BH-10 0-2 RI-BH-11 0-2 RI-BH-1 0-2 RI-BH-2 0-2 RI-BH-8 0-2 RI-BH-12 0-2	TIC: RTs 2.50 and 3.49 unknowns	CRQL-U	Analyte detected in method blank	Data changed to non-detect

Table 6-3 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-BH-3 0-2 RI-BH-4 0-2 RI-BH-9 0-2 RI-BH-10 0-2 RI-BH-11 0-2 RI-BH-1 0-2 RI-BH-2 0-2 RI-BH-8 0-2 RI-BH-12 0-2	Toxaphene	J detects UJ non-detects	ICV %D > QC limit	Data are estimated
RI-BH-3 0-2	g-BHC 4,4'-DDT Methoxychlor	NJ	% D for second column confirmation > 70 %	Data are estimated and tentatively identified
RI-BH-1 0-2	4,4'DDT	J	% D for second column confirmation > 25 %	Data are estimated
RI-BH-2 0-2	Methoxychlor	J	% D for second column confirmation > 25 %	Data are estimated

Table 6-4 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-5 PFASs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-BH-3 0-2 RI-BH-4 0-2 RI-BH-9 0-2 RI-BH-10 0-2 RI-BH-11 0-2 RI-BH-1 0-2 RI-BH-2 0-2 RI-BH-8 0-2 RI-BH-12 0-2	NFDHA	J detects UJ non-detects	Samples extracted outside 3 day HT	Data are estimated

Table 6-6 Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-BH-3 0-2 RI-BH-4 0-2 RI-BH-9 0-2 RI-BH-10 0-2 RI-BH-11 0-2 RI-BH-1 0-2 RI-BH-2 0-2 RI-BH-8 0-2 RI-BH-12 0-2	Sb, As, Cd, Co, Cu, K, Se, Tl, and Ag	J detects	Linear Range Check Standard outside QC limit	Data are estimated

Table 6-7 TCN

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo NY 14213

Generated 07/13/2026

JOB DESCRIPTION

375 Michigan Remedial Investigation

JOB NUMBER

480-240098-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
07/13/2026

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
716 504-9874

Job Narrative
480-240098-1

Receipt
The samples were received on 7/2/2026 4:05 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 14.1º C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for preparation batch 480-779978 and analytical batch 480-779982 recovered outside control limits for the following analytes: 2-Butanone (MEK), Acetone and Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are: RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18)

Method 8260D: The continuing calibration verification (CCV) associated with batch 480-779982 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloropropane, 2-Butanone (MEK), Benzene, Carbon disulfide, Carbon tetrachloride, Chloromethane, Cyclohexane, cis-1,3-Dichloropropene, Bromodichloromethane, Dichlorodifluoromethane, Methylcyclohexane, Methylene Chloride, trans-1,2-Dichloroethene, Trichloroethene, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 480-780139 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are:RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18).

Method 8270E: The continuing calibration verification (CCV) associated with batch 480-780139 recovered above the upper control limit for 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenol, 4-Nitroaniline, 4-Nitrophenol and Atrazine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18).

Method 8270E: The following samples were diluted due to color, appearance, and viscosity: RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18). Elevated reporting limits (RL) are provided.

Method 8270E: The following samples required a dilution due to the nature of the sample matrix: RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: The following samples were diluted due to the nature of the sample matrix: RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method 8081B: The following samples were diluted due to the nature of the sample matrix: (480-240098-C-11-A MS) and (480-240098-C-11-B MSD). As such, spike and surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method 8082A: For method 8082, the recovery of the one surrogate in samples RI-BH-1 0-2 (480-240098-15) exceeds quality control limits. The recovery of the secondary surrogate is within quality control criteria; no corrective action is required.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The continuing calibration blank (CCB) for analytical batch 480-780074 contained Manganese above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-780074 is outside the acceptance criteria for the following analytes: Silver, Arsenic, Cadmium, Cobalt, Copper, Potassium, Antimony, Selenium, Thallium. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3546: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: RI-BH-3 0-2 (480-240098-10), RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-1 0-2 (480-240098-15), RI-BH-2 0-2 (480-240098-16), RI-BH-8 0-2 (480-240098-17), RI-BH-12 0-2 (480-240098-18), (480-240098-C-11 MS) and (480-240098-C-11 MSD).

Method 3546: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: RI-BH-4 0-2 (480-240098-11), RI-BH-9 0-2 (480-240098-12), RI-BH-10 0-2 (480-240098-13), RI-BH-11 0-2 (480-240098-14), RI-BH-8 0-2 (480-240098-17) and RI-BH-12 0-2 (480-240098-18). The reporting limits (RLs) have been adjusted proportionately.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240098-1
Project/Site: 375 Michigan Remedial Investigation

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-240098-10	RI-BH-3 0-2	Solid	07/02/26 11:30	07/02/26 16:05	New York
480-240098-11	RI-BH-4 0-2	Solid	07/02/26 11:45	07/02/26 16:05	New York
480-240098-12	RI-BH-9 0-2	Solid	07/02/26 11:55	07/02/26 16:05	New York
480-240098-13	RI-BH-10 0-2	Solid	07/02/26 12:15	07/02/26 16:05	New York
480-240098-14	RI-BH-11 0-2	Solid	07/02/26 12:30	07/02/26 16:05	New York
480-240098-15	RI-BH-1 0-2	Solid	07/02/26 12:50	07/02/26 16:05	New York
480-240098-16	RI-BH-2 0-2	Solid	07/02/26 13:10	07/02/26 16:05	New York
480-240098-17	RI-BH-8 0-2	Solid	07/02/26 13:30	07/02/26 16:05	New York
480-240098-18	RI-BH-12 0-2	Solid	07/02/26 13:45	07/02/26 16:05	New York

8260D

Volatile Organic Compounds by GC/MS

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2 | Lab Sample ID: 480-240098-10

Matrix: Solid | Lab File ID: M02461.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 11:30

Sample wt/vol: 5.13(g) | Date Analyzed: 07/07/2026 01:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 11.9 % Solids: 88.1 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.5	0.40	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.5	0.90	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.5	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.5	0.72	
75-34-3	1,1-Dichloroethane	ND	vs	5.5	0.67	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.5	0.68	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.5	0.34	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.5	2.8	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.5	0.43	
107-06-2	1,2-Dichloroethane	ND	vs	5.5	0.28	
78-87-5	1,2-Dichloropropane	ND	vs	5.5	2.8	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.5	0.28	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.5	0.77	
78-93-3	2-Butanone (MEK)	ND	*+ vs	28	2.0	UJ
591-78-6	2-Hexanone	ND	vs	28	2.8	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.8	
67-64-1	Acetone	ND	*+ vs	28	4.7	UJ
71-43-2	Benzene	ND	vs	5.5	0.27	UJ
75-25-2	Bromoform	ND	vs	5.5	2.8	
74-83-9	Bromomethane	ND	vs	5.5	0.50	UJ
75-15-0	Carbon disulfide	ND	vs	5.5	2.8	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.5	0.54	UJ
108-90-7	Chlorobenzene	ND	vs	5.5	0.73	
124-48-1	Dibromochloromethane	ND	vs	5.5	0.71	
75-00-3	Chloroethane	ND	vs	5.5	1.2	UJ
67-66-3	Chloroform	1.1 5.5 UJ	J B vs	5.5	0.34	UJ
74-87-3	Chloromethane	ND	*+ vs	5.5	0.33	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.5	0.71	
110-82-7	Cyclohexane	ND	vs	5.5	0.77	UJ
75-27-4	Bromodichloromethane	ND	vs	5.5	0.74	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.5	0.46	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2 | Lab Sample ID: 480-240098-10

Matrix: Solid | Lab File ID: M02461.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 11:30

Sample wt/vol: 5.13(g) | Date Analyzed: 07/07/2026 01:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 11.9 % Solids: 88.1 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.5	0.38	
106-93-4	1,2-Dibromoethane	ND	vs	5.5	0.71	
98-82-8	Isopropylbenzene	ND	vs	5.5	0.83	
79-20-9	Methyl acetate	ND	vs	28	3.3	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.5	0.54	
108-87-2	Methylcyclohexane	ND	vs	5.5	0.84	UJ
75-09-2	Methylene Chloride	ND	vs	5.5	2.5	UJ
127-18-4	Tetrachloroethene	ND	vs	5.5	0.74	
108-88-3	Toluene	ND	vs	5.5	0.42	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.5	0.57	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.5	2.4	
79-01-6	Trichloroethene	ND	vs	5.5	1.2	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.5	0.52	UJ
75-01-4	Vinyl chloride	ND	vs	5.5	0.67	UJ
1330-20-7	Xylenes, Total	ND	vs	11	0.93	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.5	0.80	UJ
100-42-5	Styrene	ND	vs	5.5	0.28	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
460-00-4	4-Bromofluorobenzene (Surr)	106		72-126
2037-26-5	Toluene-d8 (Surr)	85		71-125
1868-53-7	Dibromofluoromethane (Surr)	108		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2 | Lab Sample ID: 480-240098-10

Matrix: Solid | Lab File ID: M02461.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 11:30

Sample wt/vol: 5.13(g) | Date Analyzed: 07/07/2026 01:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 11.9 % Solids: 88.1 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-4 0-2 | Lab Sample ID: 480-240098-11

Matrix: Solid | Lab File ID: M02462.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 11:45

Sample wt/vol: 5.07(g) | Date Analyzed: 07/07/2026 01:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 5.3 % Solids: 94.7 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.2	0.38	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.2	0.84	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.2	1.2	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.2	0.68	
75-34-3	1,1-Dichloroethane	ND	vs	5.2	0.64	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.2	0.64	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.2	0.32	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.2	2.6	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.2	0.41	
107-06-2	1,2-Dichloroethane	ND	vs	5.2	0.26	
78-87-5	1,2-Dichloropropane	ND	vs	5.2	2.6	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.2	0.27	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.2	0.73	
78-93-3	2-Butanone (MEK)	ND	*+ vs	26	1.9	UJ
591-78-6	2-Hexanone	ND	vs	26	2.6	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	26	1.7	
67-64-1	Acetone	ND	*+ vs	26	4.4	UJ
71-43-2	Benzene	ND	vs	5.2	0.26	UJ
75-25-2	Bromoform	ND	vs	5.2	2.6	
74-83-9	Bromomethane	ND	vs	5.2	0.47	UJ
75-15-0	Carbon disulfide	ND	vs	5.2	2.6	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.2	0.50	UJ
108-90-7	Chlorobenzene	ND	vs	5.2	0.69	
124-48-1	Dibromochloromethane	ND	vs	5.2	0.67	
75-00-3	Chloroethane	ND	vs	5.2	1.2	UJ
67-66-3	Chloroform	5.2 UJ ~~1.0~~	~~J B~~ vs	5.2	0.32	UJ
74-87-3	Chloromethane	ND	*+ vs	5.2	0.31	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.2	0.67	
110-82-7	Cyclohexane	ND	vs	5.2	0.73	UJ
75-27-4	Bromodichloromethane	ND	vs	5.2	0.70	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.2	0.43	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-4 0-2 | Lab Sample ID: 480-240098-11

Matrix: Solid | Lab File ID: M02462.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 11:45

Sample wt/vol: 5.07(g) | Date Analyzed: 07/07/2026 01:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 5.3 % Solids: 94.7 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.2	0.36	
106-93-4	1,2-Dibromoethane	ND	vs	5.2	0.67	
98-82-8	Isopropylbenzene	ND	vs	5.2	0.79	
79-20-9	Methyl acetate	ND	vs	26	3.1	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.2	0.51	
108-87-2	Methylcyclohexane	ND	vs	5.2	0.79	UJ
75-09-2	Methylene Chloride	ND	vs	5.2	2.4	UJ
127-18-4	Tetrachloroethene	ND	vs	5.2	0.70	
108-88-3	Toluene	ND	vs	5.2	0.39	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.2	0.54	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.2	2.3	
79-01-6	Trichloroethene	ND	vs	5.2	1.1	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.2	0.49	UJ
75-01-4	Vinyl chloride	ND	vs	5.2	0.64	UJ
1330-20-7	Xylenes, Total	ND	vs	10	0.87	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.2	0.75	UJ
100-42-5	Styrene	ND	vs	5.2	0.26	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
2037-26-5	Toluene-d8 (Surr)	85		71-125
1868-53-7	Dibromofluoromethane (Surr)	110		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-4 0-2 | Lab Sample ID: 480-240098-11

Matrix: Solid | Lab File ID: M02462.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 11:45

Sample wt/vol: 5.07(g) | Date Analyzed: 07/07/2026 01:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 5.3 % Solids: 94.7 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-9 0-2 | Lab Sample ID: 480-240098-12

Matrix: Solid | Lab File ID: M02463.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 11:55

Sample wt/vol: 4.99(g) | Date Analyzed: 07/07/2026 01:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 8.4 % Solids: 91.6 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.5	0.40	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.5	0.89	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.5	1.2	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.5	0.71	
75-34-3	1,1-Dichloroethane	ND	vs	5.5	0.67	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.5	0.67	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.5	0.33	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.5	2.7	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.5	0.43	
107-06-2	1,2-Dichloroethane	ND	vs	5.5	0.27	
78-87-5	1,2-Dichloropropane	ND	vs	5.5	2.7	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.5	0.28	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.5	0.77	
78-93-3	2-Butanone (MEK)	ND	*+ vs	27	2.0	UJ
591-78-6	2-Hexanone	ND	vs	27	2.7	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	27	1.8	
67-64-1	Acetone	ND	*+ vs	27	4.6	UJ
71-43-2	Benzene	ND	vs	5.5	0.27	UJ
75-25-2	Bromoform	ND	vs	5.5	2.7	
74-83-9	Bromomethane	ND	vs	5.5	0.49	UJ
75-15-0	Carbon disulfide	ND	vs	5.5	2.7	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.5	0.53	UJ
108-90-7	Chlorobenzene	ND	vs	5.5	0.72	
124-48-1	Dibromochloromethane	ND	vs	5.5	0.70	
75-00-3	Chloroethane	ND	vs	5.5	1.2	UJ
67-66-3	Chloroform	5.5 UJ 1.1 J B	vs	5.5	0.34	UJ
74-87-3	Chloromethane	ND	*+ vs	5.5	0.33	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.5	0.70	
110-82-7	Cyclohexane	ND	vs	5.5	0.77	UJ
75-27-4	Bromodichloromethane	ND	vs	5.5	0.73	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.5	0.45	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-9 0-2 | Lab Sample ID: 480-240098-12

Matrix: Solid | Lab File ID: M02463.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 11:55

Sample wt/vol: 4.99(g) | Date Analyzed: 07/07/2026 01:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 8.4 % Solids: 91.6 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.5	0.38	
106-93-4	1,2-Dibromoethane	ND	vs	5.5	0.70	
98-82-8	Isopropylbenzene	ND	vs	5.5	0.82	
79-20-9	Methyl acetate	ND	vs	27	3.3	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.5	0.54	
108-87-2	Methylcyclohexane	ND	vs	5.5	0.83	UJ
75-09-2	Methylene Chloride	ND	vs	5.5	2.5	UJ
127-18-4	Tetrachloroethene	ND	vs	5.5	0.73	
108-88-3	Toluene	ND	vs	5.5	0.41	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.5	0.56	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.5	2.4	
79-01-6	Trichloroethene	ND	vs	5.5	1.2	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.5	0.52	UJ
75-01-4	Vinyl chloride	ND	vs	5.5	0.67	UJ
1330-20-7	Xylenes, Total	ND	vs	11	0.92	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.5	0.79	UJ
100-42-5	Styrene	ND	vs	5.5	0.27	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		64-126
460-00-4	4-Bromofluorobenzene (Surr)	103		72-126
2037-26-5	Toluene-d8 (Surr)	84		71-125
1868-53-7	Dibromofluoromethane (Surr)	107		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-9 0-2 | Lab Sample ID: 480-240098-12

Matrix: Solid | Lab File ID: M02463.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 11:55

Sample wt/vol: 4.99(g) | Date Analyzed: 07/07/2026 01:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 8.4 % Solids: 91.6 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-10 0-2 | Lab Sample ID: 480-240098-13

Matrix: Solid | Lab File ID: M02464.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 12:15

Sample wt/vol: 5.16(g) | Date Analyzed: 07/07/2026 02:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 18.3 % Solids: 81.7 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.9	0.43	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.96	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.4	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.9	0.77	
75-34-3	1,1-Dichloroethane	ND	vs	5.9	0.72	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.9	0.73	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.9	3.0	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.9	0.46	
107-06-2	1,2-Dichloroethane	ND	vs	5.9	0.30	
78-87-5	1,2-Dichloropropane	ND	vs	5.9	3.0	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.9	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.9	0.83	
78-93-3	2-Butanone (MEK)	ND	*+ vs	30	2.2	UJ
591-78-6	2-Hexanone	ND	vs	30	3.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	30	1.9	
67-64-1	Acetone	ND	*+ vs	30	5.0	UJ
71-43-2	Benzene	ND	vs	5.9	0.29	UJ
75-25-2	Bromoform	ND	vs	5.9	3.0	
74-83-9	Bromomethane	ND	vs	5.9	0.53	UJ
75-15-0	Carbon disulfide	ND	vs	5.9	3.0	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.9	0.57	UJ
108-90-7	Chlorobenzene	ND	vs	5.9	0.78	
124-48-1	Dibromochloromethane	ND	vs	5.9	0.76	
75-00-3	Chloroethane	ND	vs	5.9	1.3	UJ
67-66-3	Chloroform	5.9 UJ ~~1.2~~	~~J~~ B vs	5.9	0.37	UJ
74-87-3	Chloromethane	ND	*+ vs	5.9	0.36	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.9	0.76	
110-82-7	Cyclohexane	ND	vs	5.9	0.83	UJ
75-27-4	Bromodichloromethane	ND	vs	5.9	0.79	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.9	0.49	UJ

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-10 0-2 | Lab Sample ID: 480-240098-13

Matrix: Solid | Lab File ID: M02464.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 12:15

Sample wt/vol: 5.16(g) | Date Analyzed: 07/07/2026 02:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 18.3 % Solids: 81.7 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.9	0.41	
106-93-4	1,2-Dibromoethane	ND	vs	5.9	0.76	
98-82-8	Isopropylbenzene	ND	vs	5.9	0.89	
79-20-9	Methyl acetate	ND	vs	30	3.6	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.9	0.58	
108-87-2	Methylcyclohexane	ND	vs	5.9	0.90	UJ
75-09-2	Methylene Chloride	ND	vs	5.9	2.7	UJ
127-18-4	Tetrachloroethene	ND	vs	5.9	0.80	
108-88-3	Toluene	ND	vs	5.9	0.45	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.9	0.61	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.9	2.6	
79-01-6	Trichloroethene	ND	vs	5.9	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.9	0.56	UJ
75-01-4	Vinyl chloride	ND	vs	5.9	0.72	UJ
1330-20-7	Xylenes, Total	ND	vs	12	1.0	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.9	0.85	UJ
100-42-5	Styrene	ND	vs	5.9	0.30	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
2037-26-5	Toluene-d8 (Surr)	87		71-125
1868-53-7	Dibromofluoromethane (Surr)	107		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-10 0-2 | Lab Sample ID: 480-240098-13

Matrix: Solid | Lab File ID: M02464.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 12:15

Sample wt/vol: 5.16(g) | Date Analyzed: 07/07/2026 02:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 18.3 % Solids: 81.7 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-11 0-2 | Lab Sample ID: 480-240098-14

Matrix: Solid | Lab File ID: M02465.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 12:30

Sample wt/vol: 5.04(g) | Date Analyzed: 07/07/2026 02:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 8.1 % Solids: 91.9 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.4	0.39	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.4	0.88	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.4	1.2	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.4	0.70	
75-34-3	1,1-Dichloroethane	ND	vs	5.4	0.66	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.4	0.66	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.4	0.33	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.4	2.7	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.4	0.42	
107-06-2	1,2-Dichloroethane	ND	vs	5.4	0.27	
78-87-5	1,2-Dichloropropane	ND	vs	5.4	2.7	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.4	0.28	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.4	0.76	
78-93-3	2-Butanone (MEK)	ND	*+ vs	27	2.0	UJ
591-78-6	2-Hexanone	ND	vs	27	2.7	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	27	1.8	
67-64-1	Acetone	ND	*+ vs	27	4.5	UJ
71-43-2	Benzene	ND	vs	5.4	0.26	UJ
75-25-2	Bromoform	ND	vs	5.4	2.7	
74-83-9	Bromomethane	ND	vs	5.4	0.49	UJ
75-15-0	Carbon disulfide	ND	vs	5.4	2.7	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.4	0.52	UJ
108-90-7	Chlorobenzene	ND	vs	5.4	0.71	
124-48-1	Dibromochloromethane	ND	vs	5.4	0.69	
75-00-3	Chloroethane	ND	vs	5.4	1.2	UJ
67-66-3	Chloroform	5.4 UJ ~~1.1 J B~~	vs	5.4	0.33	UJ
74-87-3	Chloromethane	ND	*+ vs	5.4	0.33	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.4	0.69	
110-82-7	Cyclohexane	ND	vs	5.4	0.76	UJ
75-27-4	Bromodichloromethane	ND	vs	5.4	0.72	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.4	0.45	UJ

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Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-11 0-2 | Lab Sample ID: 480-240098-14

Matrix: Solid | Lab File ID: M02465.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 12:30

Sample wt/vol: 5.04(g) | Date Analyzed: 07/07/2026 02:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 8.1 % Solids: 91.9 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.4	0.37	
106-93-4	1,2-Dibromoethane	ND	vs	5.4	0.69	
98-82-8	Isopropylbenzene	ND	vs	5.4	0.81	
79-20-9	Methyl acetate	ND	vs	27	3.3	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.4	0.53	
108-87-2	Methylcyclohexane	ND	vs	5.4	0.82	UJ
75-09-2	Methylene Chloride	ND	vs	5.4	2.5	UJ
127-18-4	Tetrachloroethene	ND	vs	5.4	0.72	
108-88-3	Toluene	ND	vs	5.4	0.41	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.4	0.56	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.4	2.4	
79-01-6	Trichloroethene	ND	vs	5.4	1.2	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.4	0.51	UJ
75-01-4	Vinyl chloride	ND	vs	5.4	0.66	UJ
1330-20-7	Xylenes, Total	ND	vs	11	0.91	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.4	0.78	UJ
100-42-5	Styrene	ND	vs	5.4	0.27	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
2037-26-5	Toluene-d8 (Surr)	85		71-125
1868-53-7	Dibromofluoromethane (Surr)	113		60-140

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-11 0-2 | Lab Sample ID: 480-240098-14

Matrix: Solid | Lab File ID: M02465.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 12:30

Sample wt/vol: 5.04(g) | Date Analyzed: 07/07/2026 02:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 8.1 % Solids: 91.9 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2 | Lab Sample ID: 480-240098-15

Matrix: Solid | Lab File ID: M02466.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 12:50

Sample wt/vol: 5.09(g) | Date Analyzed: 07/07/2026 03:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.1 % Solids: 84.9 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.8	0.42	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.94	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.8	0.75	
75-34-3	1,1-Dichloroethane	ND	vs	5.8	0.71	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.8	0.71	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.8	0.45	
107-06-2	1,2-Dichloroethane	ND	vs	5.8	0.29	
78-87-5	1,2-Dichloropropane	ND	vs	5.8	2.9	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.8	0.30	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.8	0.81	
78-93-3	2-Butanone (MEK)	ND	*+ vs	29	2.1	UJ
591-78-6	2-Hexanone	ND	vs	29	2.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	
67-64-1	Acetone	ND	*+ vs	29	4.9	UJ
71-43-2	Benzene	ND	vs	5.8	0.28	UJ
75-25-2	Bromoform	ND	vs	5.8	2.9	
74-83-9	Bromomethane	ND	vs	5.8	0.52	UJ
75-15-0	Carbon disulfide	ND	vs	5.8	2.9	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.8	0.56	UJ
108-90-7	Chlorobenzene	ND	vs	5.8	0.76	
124-48-1	Dibromochloromethane	ND	vs	5.8	0.74	
75-00-3	Chloroethane	ND	vs	5.8	1.3	UJ
67-66-3	Chloroform	1.2 J B → 5.8 UJ	vs	5.8	0.36	UJ
74-87-3	Chloromethane	ND	*+ vs	5.8	0.35	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.8	0.74	
110-82-7	Cyclohexane	ND	vs	5.8	0.81	UJ
75-27-4	Bromodichloromethane	ND	vs	5.8	0.78	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.8	0.48	UJ

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Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2 | Lab Sample ID: 480-240098-15

Matrix: Solid | Lab File ID: M02466.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 12:50

Sample wt/vol: 5.09(g) | Date Analyzed: 07/07/2026 03:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.1 % Solids: 84.9 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.8	0.40	
106-93-4	1,2-Dibromoethane	ND	vs	5.8	0.74	
98-82-8	Isopropylbenzene	ND	vs	5.8	0.87	
79-20-9	Methyl acetate	ND	vs	29	3.5	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.8	0.57	
108-87-2	Methylcyclohexane	ND	vs	5.8	0.88	UJ
75-09-2	Methylene Chloride	ND	vs	5.8	2.7	UJ
127-18-4	Tetrachloroethene	ND	vs	5.8	0.78	
108-88-3	Toluene	ND	vs	5.8	0.44	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.8	0.60	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.8	2.5	
79-01-6	Trichloroethene	ND	vs	5.8	1.3	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.8	0.55	UJ
75-01-4	Vinyl chloride	ND	vs	5.8	0.71	UJ
1330-20-7	Xylenes, Total	ND	vs	12	0.97	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.8	0.83	UJ
100-42-5	Styrene	ND	vs	5.8	0.29	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		64-126
460-00-4	4-Bromofluorobenzene (Surr)	105		72-126
2037-26-5	Toluene-d8 (Surr)	86		71-125
1868-53-7	Dibromofluoromethane (Surr)	109		60-140

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2 | Lab Sample ID: 480-240098-15

Matrix: Solid | Lab File ID: M02466.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 12:50

Sample wt/vol: 5.09(g) | Date Analyzed: 07/07/2026 03:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 15.1 % Solids: 84.9 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

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GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2 | Lab Sample ID: 480-240098-16

Matrix: Solid | Lab File ID: M02467.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 13:10

Sample wt/vol: 5.13(g) | Date Analyzed: 07/07/2026 03:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.8 % Solids: 86.2 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.7	0.41	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.7	0.73	
75-34-3	1,1-Dichloroethane	ND	vs	5.7	0.69	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.7	0.69	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.7	0.34	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.7	0.44	
107-06-2	1,2-Dichloroethane	ND	vs	5.7	0.28	
78-87-5	1,2-Dichloropropane	ND	vs	5.7	2.8	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.7	0.29	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.7	0.79	
78-93-3	2-Butanone (MEK)	ND	*+ vs	28	2.1	UJ
591-78-6	2-Hexanone	ND	vs	28	2.8	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	
67-64-1	Acetone	ND	*+ vs	28	4.8	UJ
71-43-2	Benzene	ND	vs	5.7	0.28	UJ
75-25-2	Bromoform	ND	vs	5.7	2.8	
74-83-9	Bromomethane	ND	vs	5.7	0.51	UJ
75-15-0	Carbon disulfide	ND	vs	5.7	2.8	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.7	0.55	UJ
108-90-7	Chlorobenzene	ND	vs	5.7	0.75	
124-48-1	Dibromochloromethane	ND	vs	5.7	0.72	
75-00-3	Chloroethane	ND	vs	5.7	1.3	UJ
67-66-3	Chloroform	1.2 5.7 UJ	J B vs	5.7	0.35	UJ
74-87-3	Chloromethane	ND	*+ vs	5.7	0.34	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.7	0.72	
110-82-7	Cyclohexane	ND	vs	5.7	0.79	UJ
75-27-4	Bromodichloromethane	ND	vs	5.7	0.76	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.7	0.47	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2 | Lab Sample ID: 480-240098-16

Matrix: Solid | Lab File ID: M02467.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 13:10

Sample wt/vol: 5.13(g) | Date Analyzed: 07/07/2026 03:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.8 % Solids: 86.2 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.7	0.39	
106-93-4	1,2-Dibromoethane	ND	vs	5.7	0.73	
98-82-8	Isopropylbenzene	ND	vs	5.7	0.85	
79-20-9	Methyl acetate	ND	vs	28	3.4	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.7	0.56	
108-87-2	Methylcyclohexane	ND	vs	5.7	0.86	UJ
75-09-2	Methylene Chloride	ND	vs	5.7	2.6	UJ
127-18-4	Tetrachloroethene	ND	vs	5.7	0.76	
108-88-3	Toluene	ND	vs	5.7	0.43	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.7	0.58	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.7	2.5	
79-01-6	Trichloroethene	ND	vs	5.7	1.2	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.7	0.53	UJ
75-01-4	Vinyl chloride	ND	vs	5.7	0.69	UJ
1330-20-7	Xylenes, Total	ND	vs	11	0.95	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.7	0.81	UJ
100-42-5	Styrene	ND	vs	5.7	0.28	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		64-126
460-00-4	4-Bromofluorobenzene (Surr)	106		72-126
2037-26-5	Toluene-d8 (Surr)	86		71-125
1868-53-7	Dibromofluoromethane (Surr)	109		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2 | Lab Sample ID: 480-240098-16

Matrix: Solid | Lab File ID: M02467.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 13:10

Sample wt/vol: 5.13(g) | Date Analyzed: 07/07/2026 03:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.8 % Solids: 86.2 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 1 | TIC Result Total: 50

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.20	50	T J	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-8 0-2 | Lab Sample ID: 480-240098-17

Matrix: Solid | Lab File ID: M02468.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 13:30

Sample wt/vol: 5.09(g) | Date Analyzed: 07/07/2026 03:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 6.3 % Solids: 93.7 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.2	0.38	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	vs	5.2	0.85	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.2	1.2	UJ
79-00-5	1,1,2-Trichloroethane	ND	vs	5.2	0.68	
75-34-3	1,1-Dichloroethane	ND	vs	5.2	0.64	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.2	0.64	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	vs	5.2	0.32	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	vs	5.2	2.6	
95-50-1	1,2-Dichlorobenzene	ND	vs	5.2	0.41	
107-06-2	1,2-Dichloroethane	ND	vs	5.2	0.26	
78-87-5	1,2-Dichloropropane	ND	vs	5.2	2.6	UJ
541-73-1	1,3-Dichlorobenzene	ND	vs	5.2	0.27	
106-46-7	1,4-Dichlorobenzene	ND	vs	5.2	0.73	
78-93-3	2-Butanone (MEK)	ND	*+ vs	26	1.9	UJ
591-78-6	2-Hexanone	ND	vs	26	2.6	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	vs	26	1.7	
67-64-1	Acetone	ND	*+ vs	26	4.4	UJ
71-43-2	Benzene	ND	vs	5.2	0.26	UJ
75-25-2	Bromoform	ND	vs	5.2	2.6	
74-83-9	Bromomethane	ND	vs	5.2	0.47	UJ
75-15-0	Carbon disulfide	ND	vs	5.2	2.6	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.2	0.51	UJ
108-90-7	Chlorobenzene	ND	vs	5.2	0.69	
124-48-1	Dibromochloromethane	ND	vs	5.2	0.67	
75-00-3	Chloroethane	ND	vs	5.2	1.2	UJ
67-66-3	Chloroform	1.0 5.2 UJ	J B vs	5.2	0.32	UJ
74-87-3	Chloromethane	ND	*+ vs	5.2	0.32	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.2	0.67	
110-82-7	Cyclohexane	ND	vs	5.2	0.73	UJ
75-27-4	Bromodichloromethane	ND	vs	5.2	0.70	UJ
75-71-8	Dichlorodifluoromethane	ND	vs	5.2	0.43	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-8 0-2 | Lab Sample ID: 480-240098-17

Matrix: Solid | Lab File ID: M02468.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 13:30

Sample wt/vol: 5.09(g) | Date Analyzed: 07/07/2026 03:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 6.3 % Solids: 93.7 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-41-4	Ethylbenzene	ND	vs	5.2	0.36	
106-93-4	1,2-Dibromoethane	ND	vs	5.2	0.67	
98-82-8	Isopropylbenzene	ND	vs	5.2	0.79	
79-20-9	Methyl acetate	ND	vs	26	3.2	
1634-04-4	Methyl tert-butyl ether	ND	vs	5.2	0.51	
108-87-2	Methylcyclohexane	ND	vs	5.2	0.80	UJ
75-09-2	Methylene Chloride	ND	vs	5.2	2.4	UJ
127-18-4	Tetrachloroethene	ND	vs	5.2	0.70	
108-88-3	Toluene	0.69	J vs	5.2	0.40	
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.2	0.54	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	vs	5.2	2.3	
79-01-6	Trichloroethene	ND	vs	5.2	1.2	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.2	0.50	UJ
75-01-4	Vinyl chloride	ND	vs	5.2	0.64	UJ
1330-20-7	Xylenes, Total	ND	vs	10	0.88	
10061-01-5	cis-1,3-Dichloropropene	ND	vs	5.2	0.76	UJ
100-42-5	Styrene	ND	vs	5.2	0.26	

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		64-126
460-00-4	4-Bromofluorobenzene (Surr)	104		72-126
2037-26-5	Toluene-d8 (Surr)	86		71-125
1868-53-7	Dibromofluoromethane (Surr)	109		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-8 0-2 | Lab Sample ID: 480-240098-17

Matrix: Solid | Lab File ID: M02468.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 13:30

Sample wt/vol: 5.09(g) | Date Analyzed: 07/07/2026 03:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 6.3 % Solids: 93.7 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-12 0-2 | Lab Sample ID: 480-240098-18

Matrix: Solid | Lab File ID: M02469.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 13:45

Sample wt/vol: 5.01(g) | Date Analyzed: 07/07/2026 04:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 5.1 % Solids: 94.9 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND	vs	5.3	0.38	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	F1 vs	5.3	0.85	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.3	1.2	UJ
79-00-5	1,1,2-Trichloroethane	ND	F1 vs	5.3	0.68	UJ
75-34-3	1,1-Dichloroethane	ND	vs	5.3	0.64	UJ
75-35-4	1,1-Dichloroethene	ND	vs	5.3	0.64	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	F1 F2 vs	5.3	0.32	UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ND	F1 vs	5.3	2.6	UJ
95-50-1	1,2-Dichlorobenzene	ND	F1 vs	5.3	0.41	UJ
107-06-2	1,2-Dichloroethane	ND	vs	5.3	0.26	
78-87-5	1,2-Dichloropropane	ND	vs	5.3	2.6	UJ
541-73-1	1,3-Dichlorobenzene	ND	F1 vs	5.3	0.27	UJ
106-46-7	1,4-Dichlorobenzene	ND	F1 vs	5.3	0.74	UJ
78-93-3	2-Butanone (MEK)	ND	*+ F1 vs	26	1.9	UJ
591-78-6	2-Hexanone	ND	F1 vs	26	2.6	UJ
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	F1 vs	26	1.7	UJ
67-64-1	Acetone	ND	*+ vs	26	4.4	UJ
71-43-2	Benzene	ND	vs	5.3	0.26	UJ
75-25-2	Bromoform	ND	F1 vs	5.3	2.6	UJ
74-83-9	Bromomethane	ND	vs	5.3	0.47	UJ
75-15-0	Carbon disulfide	ND	vs	5.3	2.6	UJ
56-23-5	Carbon tetrachloride	ND	vs	5.3	0.51	UJ
108-90-7	Chlorobenzene	ND	F1 vs	5.3	0.69	UJ
124-48-1	Dibromochloromethane	ND	F1 vs	5.3	0.67	UJ
75-00-3	Chloroethane	ND	vs	5.3	1.2	UJ
67-66-3	Chloroform	1.0 ~~J B~~ 5.3 UJ	vs	5.3	0.32	UJ
74-87-3	Chloromethane	ND	*+ F1 vs	5.3	0.32	UJ
156-59-2	cis-1,2-Dichloroethene	ND	vs	5.3	0.67	UJ
110-82-7	Cyclohexane	ND	F1 vs	5.3	0.74	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-12 0-2 | Lab Sample ID: 480-240098-18

Matrix: Solid | Lab File ID: M02469.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 13:45

Sample wt/vol: 5.01(g) | Date Analyzed: 07/07/2026 04:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 5.1 % Solids: 94.9 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
75-27-4	Bromodichloromethane	ND	vs	5.3	0.70	
75-71-8	Dichlorodifluoromethane	ND	vs	5.3	0.43	
100-41-4	Ethylbenzene	ND	F1 vs	5.3	0.36	UJ
106-93-4	1,2-Dibromoethane	ND	F1 vs	5.3	0.67	UJ
98-82-8	Isopropylbenzene	ND	F1 vs	5.3	0.79	UJ
79-20-9	Methyl acetate	ND	F1 vs	26	3.2	UJ
1634-04-4	Methyl tert-butyl ether	ND	vs	5.3	0.52	
108-87-2	Methylcyclohexane	ND	F1 vs	5.3	0.80	UJ
75-09-2	Methylene Chloride	ND	vs	5.3	2.4	UJ
127-18-4	Tetrachloroethene	ND	F1 vs	5.3	0.71	UJ
108-88-3	Toluene	ND	F1 vs	5.3	0.40	UJ
156-60-5	trans-1,2-Dichloroethene	ND	vs	5.3	0.54	
10061-02-6	trans-1,3-Dichloropropene	ND	F1 vs	5.3	2.3	UJ
79-01-6	Trichloroethene	ND	vs	5.3	1.2	UJ
75-69-4	Trichlorofluoromethane	ND	vs	5.3	0.50	UJ
75-01-4	Vinyl chloride	ND	vs	5.3	0.64	UJ
1330-20-7	Xylenes, Total	ND	F1 vs	11	0.88	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	F1 vs	5.3	0.76	UJ
100-42-5	Styrene	ND	F1 vs	5.3	0.26	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		64-126
460-00-4	4-Bromofluorobenzene (Surr)	104		72-126
2037-26-5	Toluene-d8 (Surr)	85		71-125
1868-53-7	Dibromofluoromethane (Surr)	106		60-140

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-12 0-2 | Lab Sample ID: 480-240098-18

Matrix: Solid | Lab File ID: M02469.D

Analysis Method: EPA 8260D | Date Collected: 07/02/2026 13:45

Sample wt/vol: 5.01(g) | Date Analyzed: 07/07/2026 04:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 5.1 % Solids: 94.9 | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

8270E

Semivolatile Organic Compounds (GC/MS)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2 | Lab Sample ID: 480-240098-10

Matrix: Solid | Lab File ID: V31750275.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 11:30

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15.05(g) | Date Analyzed: 07/09/2026 04:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 11.9 % Solids: 88.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		1900	360	
108-60-1	bis (2-chloroisopropyl) ether	ND		1900	390	
95-95-4	2,4,5-Trichlorophenol	ND		1900	390	
88-06-2	2,4,6-Trichlorophenol	ND		1900	290	
120-83-2	2,4-Dichlorophenol	ND		1900	370	
105-67-9	2,4-Dimethylphenol	ND		1900	400	
51-28-5	2,4-Dinitrophenol	ND		19000	360	UJ
121-14-2	2,4-Dinitrotoluene	ND		1900	260	UJ
606-20-2	2,6-Dinitrotoluene	ND		1900	270	
91-58-7	2-Chloronaphthalene	ND		1900	360	
123-91-1	1,4-Dioxane	ND		1100	420	
95-57-8	2-Chlorophenol	ND		1900	300	
95-48-7	2-Methylphenol	ND		1900	310	
91-57-6	2-Methylnaphthalene	ND		1900	300	
88-74-4	2-Nitroaniline	ND		3700	320	
88-75-5	2-Nitrophenol	ND		1900	220	
91-94-1	3,3'-Dichlorobenzidine	ND		3700	560	
99-09-2	3-Nitroaniline	ND		3700	270	
534-52-1	4,6-Dinitro-2-methylphenol	ND		3700	420	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		1900	320	
59-50-7	4-Chloro-3-methylphenol	ND		1900	390	
106-47-8	4-Chloroaniline	ND		1900	270	
7005-72-3	4-Chlorophenyl phenyl ether	ND		1900	400	
106-44-5	4-Methylphenol	ND		3700	340	
100-01-6	4-Nitroaniline	ND		3700	280	
100-02-7	4-Nitrophenol	ND		3700	520	UJ
83-32-9	Acenaphthene	ND		1900	360	UJ
208-96-8	Acenaphthylene	ND		1900	370	
98-86-2	Acetophenone	ND		1900	340	
120-12-7	Anthracene	1000	J	1900	350	
1912-24-9	Atrazine	ND		1900	650	UJ

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2 | Lab Sample ID: 480-240098-10

Matrix: Solid | Lab File ID: V31750275.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 11:30

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15.05(g) | Date Analyzed: 07/09/2026 04:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 11.9 % Solids: 88.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-52-7	Benzaldehyde	ND		1900	1500	
56-55-3	Benzo[a]anthracene	3800		1900	260	
50-32-8	Benzo[a]pyrene	3600		1900	330	
205-99-2	Benzo[b]fluoranthene	5300		1900	260	
191-24-2	Benzo[g,h,i]perylene	2000		1900	330	
207-08-9	Benzo[k]fluoranthene	1800	J	1900	430	
111-91-1	Bis(2-chloroethoxy)methane	ND		1900	370	
111-44-4	Bis(2-chloroethyl)ether	ND		1900	360	
117-81-7	Bis(2-ethylhexyl) phthalate	730	J	1900	420	
85-68-7	Butyl benzyl phthalate	ND		1900	350	
105-60-2	Caprolactam	ND		1900	440	
86-74-8	Carbazole	950	J	1900	380	
218-01-9	Chrysene	4400		1900	460	
53-70-3	Dibenz(a,h)anthracene	650	J	1900	390	
84-74-2	Di-n-butyl phthalate	ND		1900	430	
117-84-0	Di-n-octyl phthalate	ND		1900	360	
132-64-9	Dibenzofuran	ND		1900	340	
84-66-2	Diethyl phthalate	ND		1900	340	
131-11-3	Dimethyl phthalate	ND		1900	370	
206-44-0	Fluoranthene	9600		1900	350	
86-73-7	Fluorene	ND		1900	350	
118-74-1	Hexachlorobenzene	ND		1900	370	
87-68-3	Hexachlorobutadiene	ND		1900	290	
77-47-4	Hexachlorocyclopentadiene	ND		3700	840	UJ
67-72-1	Hexachloroethane	ND		1900	350	
193-39-5	Indeno[1,2,3-cd]pyrene	2000		1900	290	
78-59-1	Isophorone	ND		1900	390	
621-64-7	N-Nitrosodi-n-propylamine	ND		1900	430	
86-30-6	N-Nitrosodiphenylamine	ND		1900	320	
91-20-3	Naphthalene	ND		1900	320	
98-95-3	Nitrobenzene	ND		1900	320	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2 | Lab Sample ID: 480-240098-10

Matrix: Solid | Lab File ID: V31750275.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 11:30

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15.05(g) | Date Analyzed: 07/09/2026 04:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 11.9 % Solids: 88.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		3700	610
85-01-8	Phenanthrene	5100		1900	360
108-95-2	Phenol	ND		1900	350
129-00-0	Pyrene	6700		1900	360

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	89		22-120
4165-62-2	Phenol-d5 (Surr)	86		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	81		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	96		10-140
321-60-8	2-Fluorobiphenyl (Surr)	82		29-120
367-12-4	2-Fluorophenol (Surr)	85		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2 | Lab Sample ID: 480-240098-10

Matrix: Solid | Lab File ID: V31750275.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 11:30

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15.05(g) | Date Analyzed: 07/09/2026 04:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 11.9 % Solids: 88.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

Number TICs Found: 8 | TIC Result Total: 37900

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	11000	T J	
7390-81-0	Oxirane, hexadecyl-	14.16	5300	T J N	93%
297-03-0	Cyclotetracosane	14.32	9500	T J N	95%
205-82-3	Benzo[j]fluoranthene	14.44	2800	T J N	96%
638-66-4	Octadecanal	14.68	2700	T J N	90%
630-02-4	Octacosane	14.83	2300	T J N	95%
67860-04-2	Oxirane, heptadecyl-	15.30	2200	T J N	95%
83-47-6	.gamma.-Sitosterol	15.80	2100	T J N	95%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-4 0-2 | Lab Sample ID: 480-240098-11

Matrix: Solid | Lab File ID: V31750276.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 11:45

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.37(g) | Date Analyzed: 07/09/2026 04:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 5.3 % Solids: 94.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		10000	1900	
108-60-1	bis (2-chloroisopropyl) ether	ND		10000	2000	
95-95-4	2,4,5-Trichlorophenol	ND		10000	2000	
88-06-2	2,4,6-Trichlorophenol	ND		10000	1500	
120-83-2	2,4-Dichlorophenol	ND		10000	2000	
105-67-9	2,4-Dimethylphenol	ND		10000	2100	
51-28-5	2,4-Dinitrophenol	ND		98000	1900	UJ
121-14-2	2,4-Dinitrotoluene	ND		10000	1400	UJ
606-20-2	2,6-Dinitrotoluene	ND		10000	1400	
91-58-7	2-Chloronaphthalene	ND		10000	1900	
123-91-1	1,4-Dioxane	ND		5900	2200	
95-57-8	2-Chlorophenol	ND		10000	1600	
95-48-7	2-Methylphenol	ND		10000	1600	
91-57-6	2-Methylnaphthalene	ND		10000	1600	
88-74-4	2-Nitroaniline	ND		19000	1700	
88-75-5	2-Nitrophenol	ND		10000	1100	
91-94-1	3,3'-Dichlorobenzidine	ND		19000	2900	
99-09-2	3-Nitroaniline	ND		19000	1400	
534-52-1	4,6-Dinitro-2-methylphenol	ND		19000	2200	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		10000	1700	
59-50-7	4-Chloro-3-methylphenol	ND		10000	2000	
106-47-8	4-Chloroaniline	ND		10000	1400	
7005-72-3	4-Chlorophenyl phenyl ether	ND		10000	2100	
106-44-5	4-Methylphenol	ND		19000	1800	
100-01-6	4-Nitroaniline	ND		19000	1500	UJ
100-02-7	4-Nitrophenol	ND		19000	2700	UJ
83-32-9	Acenaphthene	ND		10000	1900	
208-96-8	Acenaphthylene	ND		10000	1900	
98-86-2	Acetophenone	ND		10000	1800	
120-12-7	Anthracene	ND		10000	1800	
1912-24-9	Atrazine	ND		10000	3400	UJ

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-4 0-2 | Lab Sample ID: 480-240098-11

Matrix: Solid | Lab File ID: V31750276.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 11:45

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.37(g) | Date Analyzed: 07/09/2026 04:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 5.3 % Solids: 94.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-52-7	Benzaldehyde	ND		10000	7600	
56-55-3	Benzo[a]anthracene	ND		10000	1400	
50-32-8	Benzo[a]pyrene	ND		10000	1700	
205-99-2	Benzo[b]fluoranthene	1900	J	10000	1300	
191-24-2	Benzo[g,h,i]perylene	ND		10000	1700	
207-08-9	Benzo[k]fluoranthene	ND		10000	2200	
111-91-1	Bis(2-chloroethoxy)methane	ND		10000	1900	
111-44-4	Bis(2-chloroethyl)ether	ND		10000	1900	
117-81-7	Bis(2-ethylhexyl) phthalate	ND		10000	2200	
85-68-7	Butyl benzyl phthalate	ND		10000	1800	
105-60-2	Caprolactam	ND		10000	2300	
86-74-8	Carbazole	ND		10000	2000	
218-01-9	Chrysene	ND		10000	2400	
53-70-3	Dibenz(a,h)anthracene	ND		10000	2000	
84-74-2	Di-n-butyl phthalate	ND		10000	2200	
117-84-0	Di-n-octyl phthalate	ND		10000	1900	
132-64-9	Dibenzofuran	ND		10000	1800	
84-66-2	Diethyl phthalate	ND		10000	1800	
131-11-3	Dimethyl phthalate	ND		10000	1900	
206-44-0	Fluoranthene	2700	J	10000	1800	
86-73-7	Fluorene	ND		10000	1800	
118-74-1	Hexachlorobenzene	ND		10000	1900	
87-68-3	Hexachlorobutadiene	ND		10000	1500	
77-47-4	Hexachlorocyclopentadiene	ND		19000	4400	UJ
67-72-1	Hexachloroethane	ND		10000	1800	
193-39-5	Indeno[1,2,3-cd]pyrene	ND		10000	1500	
78-59-1	Isophorone	ND		10000	2000	
621-64-7	N-Nitrosodi-n-propylamine	ND		10000	2200	
86-30-6	N-Nitrosodiphenylamine	ND		10000	1700	
91-20-3	Naphthalene	ND		10000	1700	
98-95-3	Nitrobenzene	ND		10000	1700	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-4 0-2 | Lab Sample ID: 480-240098-11

Matrix: Solid | Lab File ID: V31750276.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 11:45

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.37(g) | Date Analyzed: 07/09/2026 04:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 5.3 % Solids: 94.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		19000	3200
85-01-8	Phenanthrene	ND		10000	1900
108-95-2	Phenol	ND		10000	1800
129-00-0	Pyrene	ND		10000	1900

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	107		22-120
4165-62-2	Phenol-d5 (Surr)	97		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	81		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	109		10-140
321-60-8	2-Fluorobiphenyl (Surr)	83		29-120
367-12-4	2-Fluorophenol (Surr)	101		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-4 0-2 | Lab Sample ID: 480-240098-11

Matrix: Solid | Lab File ID: V31750276.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 11:45

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.37(g) | Date Analyzed: 07/09/2026 04:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 5.3 % Solids: 94.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 25000

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.50	25000	J-3	

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GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-9 0-2 | Lab Sample ID: 480-240098-12

Matrix: Solid | Lab File ID: V31750277.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 11:55

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.03(g) | Date Analyzed: 07/09/2026 05:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		11000	2100	
108-60-1	bis (2-chloroisopropyl) ether	ND		11000	2300	
95-95-4	2,4,5-Trichlorophenol	ND		11000	2200	
88-06-2	2,4,6-Trichlorophenol	ND		11000	1700	
120-83-2	2,4-Dichlorophenol	ND		11000	2200	
105-67-9	2,4-Dimethylphenol	ND		11000	2300	
51-28-5	2,4-Dinitrophenol	ND		110000	2100	UJ
121-14-2	2,4-Dinitrotoluene	ND		11000	1500	UJ
606-20-2	2,6-Dinitrotoluene	ND		11000	1600	
91-58-7	2-Chloronaphthalene	ND		11000	2100	
123-91-1	1,4-Dioxane	ND		6500	2400	
95-57-8	2-Chlorophenol	ND		11000	1700	
95-48-7	2-Methylphenol	ND		11000	1800	
91-57-6	2-Methylnaphthalene	ND		11000	1700	
88-74-4	2-Nitroaniline	ND		21000	1900	
88-75-5	2-Nitrophenol	ND		11000	1200	
91-94-1	3,3'-Dichlorobenzidine	ND		21000	3200	
99-09-2	3-Nitroaniline	ND		21000	1600	
534-52-1	4,6-Dinitro-2-methylphenol	ND		21000	2400	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		11000	1900	
59-50-7	4-Chloro-3-methylphenol	ND		11000	2300	
106-47-8	4-Chloroaniline	ND		11000	1600	
7005-72-3	4-Chlorophenyl phenyl ether	ND		11000	2300	
106-44-5	4-Methylphenol	ND		21000	2000	
100-01-6	4-Nitroaniline	ND		21000	1600	UJ
100-02-7	4-Nitrophenol	ND		21000	3000	UJ
83-32-9	Acenaphthene	ND		11000	2000	
208-96-8	Acenaphthylene	ND		11000	2100	
98-86-2	Acetophenone	ND		11000	1900	
120-12-7	Anthracene	ND		11000	2000	
1912-24-9	Atrazine	ND		11000	3700	UJ

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-9 0-2 | Lab Sample ID: 480-240098-12

Matrix: Solid | Lab File ID: V31750277.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 11:55

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.03(g) | Date Analyzed: 07/09/2026 05:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-52-7	Benzaldehyde	ND		11000	8400	
56-55-3	Benzo[a]anthracene	2600	J	11000	1500	
50-32-8	Benzo[a]pyrene	2700	J	11000	1900	
205-99-2	Benzo[b]fluoranthene	3700	J	11000	1500	
191-24-2	Benzo[g,h,i]perylene	ND		11000	1900	
207-08-9	Benzo[k]fluoranthene	ND		11000	2500	
111-91-1	Bis(2-chloroethoxy)methane	ND		11000	2100	
111-44-4	Bis(2-chloroethyl)ether	ND		11000	2100	
117-81-7	Bis(2-ethylhexyl) phthalate	ND		11000	2400	
85-68-7	Butyl benzyl phthalate	ND		11000	2000	
105-60-2	Caprolactam	ND		11000	2500	
86-74-8	Carbazole	ND		11000	2200	
218-01-9	Chrysene	2700	J	11000	2600	
53-70-3	Dibenz(a,h)anthracene	ND		11000	2200	
84-74-2	Di-n-butyl phthalate	ND		11000	2500	
117-84-0	Di-n-octyl phthalate	ND		11000	2100	
132-64-9	Dibenzofuran	ND		11000	1900	
84-66-2	Diethyl phthalate	ND		11000	2000	
131-11-3	Dimethyl phthalate	ND		11000	2100	
206-44-0	Fluoranthene	6400	J	11000	2000	
86-73-7	Fluorene	ND		11000	2000	
118-74-1	Hexachlorobenzene	ND		11000	2100	
87-68-3	Hexachlorobutadiene	ND		11000	1600	
77-47-4	Hexachlorocyclopentadiene	ND		21000	4800	UJ
67-72-1	Hexachloroethane	ND		11000	2000	
193-39-5	Indeno[1,2,3-cd]pyrene	ND		11000	1600	
78-59-1	Isophorone	ND		11000	2300	
621-64-7	N-Nitrosodi-n-propylamine	ND		11000	2500	
86-30-6	N-Nitrosodiphenylamine	ND		11000	1800	
91-20-3	Naphthalene	ND		11000	1800	
98-95-3	Nitrobenzene	ND		11000	1800	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-9 0-2 | Lab Sample ID: 480-240098-12

Matrix: Solid | Lab File ID: V31750277.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 11:55

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.03(g) | Date Analyzed: 07/09/2026 05:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		21000	3500
85-01-8	Phenanthrene	2600	J	11000	2100
108-95-2	Phenol	ND		11000	2000
129-00-0	Pyrene	3800	J	11000	2100

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	98		22-120
4165-62-2	Phenol-d5 (Surr)	88		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	72		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	105		10-140
321-60-8	2-Fluorobiphenyl (Surr)	78		29-120
367-12-4	2-Fluorophenol (Surr)	95		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-9 0-2 | Lab Sample ID: 480-240098-12

Matrix: Solid | Lab File ID: V31750277.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 11:55

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.03(g) | Date Analyzed: 07/09/2026 05:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 20000

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.50	20000	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-10 0-2 | Lab Sample ID: 480-240098-13

Matrix: Solid | Lab File ID: V31750278.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 12:15

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.27(g) | Date Analyzed: 07/09/2026 05:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.3 % Solids: 81.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		12000	2200	
108-60-1	bis (2-chloroisopropyl) ether	ND		12000	2400	
95-95-4	2,4,5-Trichlorophenol	ND		12000	2400	
88-06-2	2,4,6-Trichlorophenol	ND		12000	1800	
120-83-2	2,4-Dichlorophenol	ND		12000	2300	
105-67-9	2,4-Dimethylphenol	ND		12000	2500	
51-28-5	2,4-Dinitrophenol	ND		120000	2200	UJ
121-14-2	2,4-Dinitrotoluene	ND		12000	1600	UJ
606-20-2	2,6-Dinitrotoluene	ND		12000	1700	
91-58-7	2-Chloronaphthalene	ND		12000	2200	
123-91-1	1,4-Dioxane	ND		7000	2600	
95-57-8	2-Chlorophenol	ND		12000	1800	
95-48-7	2-Methylphenol	ND		12000	1900	
91-57-6	2-Methylnaphthalene	ND		12000	1900	
88-74-4	2-Nitroaniline	ND		23000	2000	
88-75-5	2-Nitrophenol	ND		12000	1300	
91-94-1	3,3'-Dichlorobenzidine	ND		23000	3400	
99-09-2	3-Nitroaniline	ND		23000	1700	
534-52-1	4,6-Dinitro-2-methylphenol	ND		23000	2600	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		12000	2000	
59-50-7	4-Chloro-3-methylphenol	ND		12000	2400	
106-47-8	4-Chloroaniline	ND		12000	1700	
7005-72-3	4-Chlorophenyl phenyl ether	ND		12000	2500	
106-44-5	4-Methylphenol	ND		23000	2100	
100-01-6	4-Nitroaniline	ND		23000	1700	UJ
100-02-7	4-Nitrophenol	ND		23000	3200	UJ
83-32-9	Acenaphthene	ND		12000	2200	
208-96-8	Acenaphthylene	ND		12000	2300	
98-86-2	Acetophenone	ND		12000	2100	
120-12-7	Anthracene	ND		12000	2200	
1912-24-9	Atrazine	ND		12000	4000	UJ

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-10 0-2 | Lab Sample ID: 480-240098-13

Matrix: Solid | Lab File ID: V31750278.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 12:15

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.27(g) | Date Analyzed: 07/09/2026 05:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.3 % Solids: 81.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-52-7	Benzaldehyde	ND		12000	9000	
56-55-3	Benzo[a]anthracene	ND		12000	1600	
50-32-8	Benzo[a]pyrene	ND		12000	2000	
205-99-2	Benzo[b]fluoranthene	ND		12000	1600	
191-24-2	Benzo[g,h,i]perylene	ND		12000	2100	
207-08-9	Benzo[k]fluoranthene	ND		12000	2600	
111-91-1	Bis(2-chloroethoxy)methane	ND		12000	2300	
111-44-4	Bis(2-chloroethyl)ether	ND		12000	2200	
117-81-7	Bis(2-ethylhexyl) phthalate	ND		12000	2600	
85-68-7	Butyl benzyl phthalate	ND		12000	2200	
105-60-2	Caprolactam	ND		12000	2700	
86-74-8	Carbazole	ND		12000	2300	
218-01-9	Chrysene	ND		12000	2800	
53-70-3	Dibenz(a,h)anthracene	ND		12000	2400	
84-74-2	Di-n-butyl phthalate	ND		12000	2600	
117-84-0	Di-n-octyl phthalate	ND		12000	2200	
132-64-9	Dibenzofuran	ND		12000	2100	
84-66-2	Diethyl phthalate	ND		12000	2100	
131-11-3	Dimethyl phthalate	ND		12000	2300	
206-44-0	Fluoranthene	2200	J	12000	2100	
86-73-7	Fluorene	ND		12000	2200	
118-74-1	Hexachlorobenzene	ND		12000	2300	
87-68-3	Hexachlorobutadiene	ND		12000	1800	
77-47-4	Hexachlorocyclopentadiene	ND		23000	5200	UJ
67-72-1	Hexachloroethane	ND		12000	2200	
193-39-5	Indeno[1,2,3-cd]pyrene	ND		12000	1800	
78-59-1	Isophorone	ND		12000	2400	
621-64-7	N-Nitrosodi-n-propylamine	ND		12000	2600	
86-30-6	N-Nitrosodiphenylamine	ND		12000	2000	
91-20-3	Naphthalene	ND		12000	2000	
98-95-3	Nitrobenzene	ND		12000	2000	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-10 0-2 | Lab Sample ID: 480-240098-13

Matrix: Solid | Lab File ID: V31750278.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 12:15

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.27(g) | Date Analyzed: 07/09/2026 05:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.3 % Solids: 81.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		23000	3800
85-01-8	Phenanthrene	ND		12000	2200
108-95-2	Phenol	ND		12000	2100
129-00-0	Pyrene	ND		12000	2200

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	100		22-120
4165-62-2	Phenol-d5 (Surr)	86		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	75		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	107		10-140
321-60-8	2-Fluorobiphenyl (Surr)	79		29-120
367-12-4	2-Fluorophenol (Surr)	91		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-10 0-2 | Lab Sample ID: 480-240098-13

Matrix: Solid | Lab File ID: V31750278.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 12:15

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.27(g) | Date Analyzed: 07/09/2026 05:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 18.3 % Solids: 81.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 44000

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.50	44000	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-11 0-2 | Lab Sample ID: 480-240098-14

Matrix: Solid | Lab File ID: V31750279.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.04(g) | Date Analyzed: 07/09/2026 05:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 8.1 % Solids: 91.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		11000	2100	
108-60-1	bis (2-chloroisopropyl) ether	ND		11000	2200	
95-95-4	2,4,5-Trichlorophenol	ND		11000	2200	
88-06-2	2,4,6-Trichlorophenol	ND		11000	1700	
120-83-2	2,4-Dichlorophenol	ND		11000	2100	
105-67-9	2,4-Dimethylphenol	ND		11000	2300	
51-28-5	2,4-Dinitrophenol	ND		110000	2100	UJ
121-14-2	2,4-Dinitrotoluene	ND		11000	1500	UJ
606-20-2	2,6-Dinitrotoluene	ND		11000	1600	
91-58-7	2-Chloronaphthalene	ND		11000	2000	
123-91-1	1,4-Dioxane	ND		6500	2400	
95-57-8	2-Chlorophenol	ND		11000	1700	
95-48-7	2-Methylphenol	ND		11000	1800	
91-57-6	2-Methylnaphthalene	ND		11000	1700	
88-74-4	2-Nitroaniline	ND		21000	1900	
88-75-5	2-Nitrophenol	ND		11000	1200	
91-94-1	3,3'-Dichlorobenzidine	ND		21000	3200	
99-09-2	3-Nitroaniline	ND		21000	1500	
534-52-1	4,6-Dinitro-2-methylphenol	ND		21000	2400	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		11000	1900	
59-50-7	4-Chloro-3-methylphenol	ND		11000	2200	
106-47-8	4-Chloroaniline	ND		11000	1600	
7005-72-3	4-Chlorophenyl phenyl ether	ND		11000	2300	
106-44-5	4-Methylphenol	ND		21000	2000	
100-01-6	4-Nitroaniline	ND		21000	1600	UJ
100-02-7	4-Nitrophenol	ND		21000	3000	UJ
83-32-9	Acenaphthene	ND		11000	2000	
208-96-8	Acenaphthylene	ND		11000	2100	
98-86-2	Acetophenone	ND		11000	1900	
120-12-7	Anthracene	ND		11000	2000	
1912-24-9	Atrazine	ND		11000	3700	UJ

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-11 0-2 | Lab Sample ID: 480-240098-14

Matrix: Solid | Lab File ID: V31750279.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.04(g) | Date Analyzed: 07/09/2026 05:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 8.1 % Solids: 91.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-52-7	Benzaldehyde	ND		11000	8400	
56-55-3	Benzo[a]anthracene	ND		11000	1500	
50-32-8	Benzo[a]pyrene	ND		11000	1900	
205-99-2	Benzo[b]fluoranthene	1600	J	11000	1500	
191-24-2	Benzo[g,h,i]perylene	ND		11000	1900	
207-08-9	Benzo[k]fluoranthene	ND		11000	2500	
111-91-1	Bis(2-chloroethoxy)methane	ND		11000	2100	
111-44-4	Bis(2-chloroethyl)ether	ND		11000	2100	
117-81-7	Bis(2-ethylhexyl) phthalate	ND		11000	2400	
85-68-7	Butyl benzyl phthalate	ND		11000	2000	
105-60-2	Caprolactam	ND		11000	2500	
86-74-8	Carbazole	ND		11000	2100	
218-01-9	Chrysene	ND		11000	2600	
53-70-3	Dibenz(a,h)anthracene	ND		11000	2200	
84-74-2	Di-n-butyl phthalate	ND		11000	2500	
117-84-0	Di-n-octyl phthalate	ND		11000	2100	
132-64-9	Dibenzofuran	ND		11000	1900	
84-66-2	Diethyl phthalate	ND		11000	2000	
131-11-3	Dimethyl phthalate	ND		11000	2100	
206-44-0	Fluoranthene	2600	J	11000	2000	
86-73-7	Fluorene	ND		11000	2000	
118-74-1	Hexachlorobenzene	ND		11000	2100	
87-68-3	Hexachlorobutadiene	ND		11000	1600	
77-47-4	Hexachlorocyclopentadiene	ND		21000	4800	UJ
67-72-1	Hexachloroethane	ND		11000	2000	
193-39-5	Indeno[1,2,3-cd]pyrene	ND		11000	1600	
78-59-1	Isophorone	ND		11000	2200	
621-64-7	N-Nitrosodi-n-propylamine	ND		11000	2500	
86-30-6	N-Nitrosodiphenylamine	ND		11000	1800	
91-20-3	Naphthalene	ND		11000	1800	
98-95-3	Nitrobenzene	ND		11000	1800	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-11 0-2 | Lab Sample ID: 480-240098-14

Matrix: Solid | Lab File ID: V31750279.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.04(g) | Date Analyzed: 07/09/2026 05:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 8.1 % Solids: 91.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		21000	3500
85-01-8	Phenanthrene	ND		11000	2100
108-95-2	Phenol	ND		11000	2000
129-00-0	Pyrene	ND		11000	2100

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	92		22-120
4165-62-2	Phenol-d5 (Surr)	83		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	68		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	94		10-140
321-60-8	2-Fluorobiphenyl (Surr)	74		29-120
367-12-4	2-Fluorophenol (Surr)	88		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-11 0-2 | Lab Sample ID: 480-240098-14

Matrix: Solid | Lab File ID: V31750279.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 12:30

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.04(g) | Date Analyzed: 07/09/2026 05:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 8.1 % Solids: 91.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 22000

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.50	22000	T,J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2 | Lab Sample ID: 480-240098-15

Matrix: Solid | Lab File ID: V31750280.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 12:50

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 07/09/2026 06:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.1 % Solids: 84.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		1000	190	
108-60-1	bis (2-chloroisopropyl) ether	ND		1000	200	
95-95-4	2,4,5-Trichlorophenol	ND		1000	200	
88-06-2	2,4,6-Trichlorophenol	ND		1000	150	
120-83-2	2,4-Dichlorophenol	ND		1000	190	
105-67-9	2,4-Dimethylphenol	ND		1000	210	
51-28-5	2,4-Dinitrophenol	ND		9800	190	UJ
121-14-2	2,4-Dinitrotoluene	ND		1000	140	UJ
606-20-2	2,6-Dinitrotoluene	ND		1000	140	
91-58-7	2-Chloronaphthalene	ND		1000	190	
123-91-1	1,4-Dioxane	ND		590	220	
95-57-8	2-Chlorophenol	ND		1000	160	
95-48-7	2-Methylphenol	ND		1000	160	
91-57-6	2-Methylnaphthalene	ND		1000	160	
88-74-4	2-Nitroaniline	ND		1900	170	
88-75-5	2-Nitrophenol	ND		1000	110	
91-94-1	3,3'-Dichlorobenzidine	ND		1900	290	
99-09-2	3-Nitroaniline	ND		1900	140	
534-52-1	4,6-Dinitro-2-methylphenol	ND		1900	220	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		1000	170	
59-50-7	4-Chloro-3-methylphenol	ND		1000	200	
106-47-8	4-Chloroaniline	ND		1000	140	
7005-72-3	4-Chlorophenyl phenyl ether	ND		1000	210	
106-44-5	4-Methylphenol	ND		1900	180	
100-01-6	4-Nitroaniline	ND		1900	150	UJ
100-02-7	4-Nitrophenol	ND		1900	270	UJ
83-32-9	Acenaphthene	ND		1000	180	
208-96-8	Acenaphthylene	ND		1000	190	
98-86-2	Acetophenone	ND		1000	180	
120-12-7	Anthracene	ND		1000	180	
1912-24-9	Atrazine	ND		1000	340	UJ

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2 | Lab Sample ID: 480-240098-15

Matrix: Solid | Lab File ID: V31750280.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 12:50

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 07/09/2026 06:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.1 % Solids: 84.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-52-7	Benzaldehyde	ND		1000	760	
56-55-3	Benzo[a]anthracene	570	J	1000	140	
50-32-8	Benzo[a]pyrene	780	J	1000	170	
205-99-2	Benzo[b]fluoranthene	1100		1000	130	
191-24-2	Benzo[g,h,i]perylene	510	J	1000	170	
207-08-9	Benzo[k]fluoranthene	560	J	1000	220	
111-91-1	Bis(2-chloroethoxy)methane	ND		1000	190	
111-44-4	Bis(2-chloroethyl)ether	ND		1000	190	
117-81-7	Bis(2-ethylhexyl) phthalate	410	J	1000	220	
85-68-7	Butyl benzyl phthalate	ND		1000	180	
105-60-2	Caprolactam	ND		1000	230	
86-74-8	Carbazole	ND		1000	200	
218-01-9	Chrysene	810	J	1000	240	
53-70-3	Dibenz(a,h)anthracene	ND		1000	200	
84-74-2	Di-n-butyl phthalate	ND		1000	220	
117-84-0	Di-n-octyl phthalate	ND		1000	190	
132-64-9	Dibenzofuran	ND		1000	180	
84-66-2	Diethyl phthalate	ND		1000	180	
131-11-3	Dimethyl phthalate	ND		1000	190	
206-44-0	Fluoranthene	1500		1000	180	
86-73-7	Fluorene	ND		1000	180	
118-74-1	Hexachlorobenzene	ND		1000	190	
87-68-3	Hexachlorobutadiene	ND		1000	150	
77-47-4	Hexachlorocyclopentadiene	ND		1900	430	UJ
67-72-1	Hexachloroethane	ND		1000	180	
193-39-5	Indeno[1,2,3-cd]pyrene	440	J	1000	150	
78-59-1	Isophorone	ND		1000	200	
621-64-7	N-Nitrosodi-n-propylamine	ND		1000	220	
86-30-6	N-Nitrosodiphenylamine	ND		1000	170	
91-20-3	Naphthalene	ND		1000	170	
98-95-3	Nitrobenzene	ND		1000	170	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2 | Lab Sample ID: 480-240098-15

Matrix: Solid | Lab File ID: V31750280.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 12:50

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 07/09/2026 06:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.1 % Solids: 84.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		1900	320
85-01-8	Phenanthrene	600	J	1000	190
108-95-2	Phenol	ND		1000	180
129-00-0	Pyrene	1000		1000	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	65		22-120
4165-62-2	Phenol-d5 (Surr)	67		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	68		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	72		10-140
321-60-8	2-Fluorobiphenyl (Surr)	69		29-120
367-12-4	2-Fluorophenol (Surr)	61		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2 | Lab Sample ID: 480-240098-15

Matrix: Solid | Lab File ID: V31750280.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 12:50

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15.03(g) | Date Analyzed: 07/09/2026 06:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 15.1 % Solids: 84.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

Number TICs Found: 10 | TIC Result Total: 26330

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	8400	T J	
74685-33-9	3-Eicosene, (E)-	13.80	1500	T J N	91%
638-66-4	Octadecanal	14.16	2400	T J N	94%
629-92-5	Nonadecane	14.29	1100	T J N	97%
629-96-9	1-Eicosanol	14.32	4400	T J N	95%
7390-81-0	Oxirane, hexadecyl-	14.68	2300	T J N	91%
630-03-5	Nonacosane	14.83	1700	T J N	95%
77899-03-7	1-Heneicosyl formate	14.87	930	T J N	90%
	Unknown	15.30	1400	T J	
83-47-6	.gamma.-Sitosterol	15.80	2200	T J N	96%

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GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2 | Lab Sample ID: 480-240098-16

Matrix: Solid | Lab File ID: V31750281.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 13:10

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 07/09/2026 06:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.8 % Solids: 86.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		980	180	
108-60-1	bis (2-chloroisopropyl) ether	ND		980	200	
95-95-4	2,4,5-Trichlorophenol	ND		980	200	
88-06-2	2,4,6-Trichlorophenol	ND		980	150	
120-83-2	2,4-Dichlorophenol	ND		980	190	
105-67-9	2,4-Dimethylphenol	ND		980	210	
51-28-5	2,4-Dinitrophenol	ND		9600	190	UJ
121-14-2	2,4-Dinitrotoluene	ND		980	130	UJ
606-20-2	2,6-Dinitrotoluene	ND		980	140	
91-58-7	2-Chloronaphthalene	ND		980	180	
123-91-1	1,4-Dioxane	ND		580	220	
95-57-8	2-Chlorophenol	ND		980	150	
95-48-7	2-Methylphenol	ND		980	160	
91-57-6	2-Methylnaphthalene	ND		980	150	
88-74-4	2-Nitroaniline	ND		1900	170	
88-75-5	2-Nitrophenol	ND		980	110	
91-94-1	3,3'-Dichlorobenzidine	ND		1900	290	
99-09-2	3-Nitroaniline	ND		1900	140	
534-52-1	4,6-Dinitro-2-methylphenol	ND		1900	210	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		980	170	
59-50-7	4-Chloro-3-methylphenol	ND		980	200	
106-47-8	4-Chloroaniline	ND		980	140	
7005-72-3	4-Chlorophenyl phenyl ether	ND		980	210	
106-44-5	4-Methylphenol	ND		1900	180	
100-01-6	4-Nitroaniline	ND		1900	140	UJ
100-02-7	4-Nitrophenol	ND		1900	270	UJ
83-32-9	Acenaphthene	ND		980	180	
208-96-8	Acenaphthylene	ND		980	190	
98-86-2	Acetophenone	ND		980	170	
120-12-7	Anthracene	ND		980	180	
1912-24-9	Atrazine	ND		980	330	UJ

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2 | Lab Sample ID: 480-240098-16

Matrix: Solid | Lab File ID: V31750281.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 13:10

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 07/09/2026 06:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.8 % Solids: 86.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-52-7	Benzaldehyde	ND		980	750	
56-55-3	Benzo[a]anthracene	1200		980	130	
50-32-8	Benzo[a]pyrene	1900		980	170	
205-99-2	Benzo[b]fluoranthene	2700		980	130	
191-24-2	Benzo[g,h,i]perylene	1500		980	170	
207-08-9	Benzo[k]fluoranthene	1500		980	220	
111-91-1	Bis(2-chloroethoxy)methane	ND		980	190	
111-44-4	Bis(2-chloroethyl)ether	ND		980	180	
117-81-7	Bis(2-ethylhexyl) phthalate	330	J	980	210	
85-68-7	Butyl benzyl phthalate	ND		980	180	
105-60-2	Caprolactam	ND		980	230	
86-74-8	Carbazole	240	J	980	190	
218-01-9	Chrysene	1800		980	240	
53-70-3	Dibenz(a,h)anthracene	350	J	980	200	
84-74-2	Di-n-butyl phthalate	ND		980	220	
117-84-0	Di-n-octyl phthalate	ND		980	190	
132-64-9	Dibenzofuran	ND		980	170	
84-66-2	Diethyl phthalate	ND		980	180	
131-11-3	Dimethyl phthalate	ND		980	190	
206-44-0	Fluoranthene	2700		980	180	
86-73-7	Fluorene	ND		980	180	
118-74-1	Hexachlorobenzene	ND		980	190	
87-68-3	Hexachlorobutadiene	ND		980	150	
77-47-4	Hexachlorocyclopentadiene	ND		1900	430	UJ
67-72-1	Hexachloroethane	ND		980	180	
193-39-5	Indeno[1,2,3-cd]pyrene	1300		980	150	
78-59-1	Isophorone	ND		980	200	
621-64-7	N-Nitrosodi-n-propylamine	ND		980	220	
86-30-6	N-Nitrosodiphenylamine	ND		980	160	
91-20-3	Naphthalene	ND		980	160	
98-95-3	Nitrobenzene	ND		980	160	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2 | Lab Sample ID: 480-240098-16

Matrix: Solid | Lab File ID: V31750281.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 13:10

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 07/09/2026 06:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.8 % Solids: 86.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		1900	310
85-01-8	Phenanthrene	610	J	980	180
108-95-2	Phenol	ND		980	180
129-00-0	Pyrene	1800		980	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	68		22-120
4165-62-2	Phenol-d5 (Surr)	66		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	63		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	76		10-140
321-60-8	2-Fluorobiphenyl (Surr)	67		29-120
367-12-4	2-Fluorophenol (Surr)	67		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2 | Lab Sample ID: 480-240098-16

Matrix: Solid | Lab File ID: V31750281.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 13:10

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15.04(g) | Date Analyzed: 07/09/2026 06:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 13.8 % Solids: 86.2 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

Number TICs Found: 10 | TIC Result Total: 25100

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.49	8400	T J	
	Unknown	13.80	1900	T J	
7390-81-0	Oxirane, hexadecyl-	14.16	1700	T J N	95%
638-68-6	Triacontane	14.29	1700	T J N	97%
297-03-0	Cyclotetracosane	14.32	2700	T J N	99%
205-82-3	Benzo[j]fluoranthene	14.44	1700	T J N	94%
67860-04-2	Oxirane, heptadecyl-	14.68	1900	T J N	91%
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	14.83	1900	T J N	96%
638-66-4	Octadecanal	15.30	1200	T J N	90%
83-47-6	.gamma.-Sitosterol	15.80	2000	T J N	99%

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-8 0-2 | Lab Sample ID: 480-240098-17

Matrix: Solid | Lab File ID: V31750282.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 13:30

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.17(g) | Date Analyzed: 07/09/2026 07:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 6.3 % Solids: 93.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		11000	2000	
108-60-1	bis (2-chloroisopropyl) ether	ND		11000	2100	
95-95-4	2,4,5-Trichlorophenol	ND		11000	2100	
88-06-2	2,4,6-Trichlorophenol	ND		11000	1600	
120-83-2	2,4-Dichlorophenol	ND		11000	2100	
105-67-9	2,4-Dimethylphenol	ND		11000	2200	
51-28-5	2,4-Dinitrophenol	ND		100000	2000	UJ
121-14-2	2,4-Dinitrotoluene	ND		11000	1400	UJ
606-20-2	2,6-Dinitrotoluene	ND		11000	1500	
91-58-7	2-Chloronaphthalene	ND		11000	2000	
123-91-1	1,4-Dioxane	ND		6200	2300	
95-57-8	2-Chlorophenol	ND		11000	1600	
95-48-7	2-Methylphenol	ND		11000	1700	
91-57-6	2-Methylnaphthalene	ND		11000	1600	
88-74-4	2-Nitroaniline	ND		20000	1800	
88-75-5	2-Nitrophenol	ND		11000	1200	
91-94-1	3,3'-Dichlorobenzidine	ND		20000	3100	
99-09-2	3-Nitroaniline	ND		20000	1500	
534-52-1	4,6-Dinitro-2-methylphenol	ND		20000	2300	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		11000	1800	
59-50-7	4-Chloro-3-methylphenol	ND		11000	2100	
106-47-8	4-Chloroaniline	ND		11000	1500	
7005-72-3	4-Chlorophenyl phenyl ether	ND		11000	2200	
106-44-5	4-Methylphenol	ND		20000	1900	UJ
100-01-6	4-Nitroaniline	ND		20000	1500	UJ
100-02-7	4-Nitrophenol	ND		20000	2900	
83-32-9	Acenaphthene	ND		11000	1900	
208-96-8	Acenaphthylene	ND		11000	2000	
98-86-2	Acetophenone	ND		11000	1800	
120-12-7	Anthracene	ND		11000	1900	
1912-24-9	Atrazine	ND		11000	3500	UJ

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-8 0-2 | Lab Sample ID: 480-240098-17

Matrix: Solid | Lab File ID: V31750282.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 13:30

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.17(g) | Date Analyzed: 07/09/2026 07:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 6.3 % Solids: 93.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-52-7	Benzaldehyde	ND		11000	8000	
56-55-3	Benzo[a]anthracene	2000	J	11000	1400	
50-32-8	Benzo[a]pyrene	2100	J	11000	1800	
205-99-2	Benzo[b]fluoranthene	2700	J	11000	1400	
191-24-2	Benzo[g,h,i]perylene	ND		11000	1800	
207-08-9	Benzo[k]fluoranthene	ND		11000	2300	
111-91-1	Bis(2-chloroethoxy)methane	ND		11000	2000	
111-44-4	Bis(2-chloroethyl)ether	ND		11000	2000	
117-81-7	Bis(2-ethylhexyl) phthalate	ND		11000	2300	
85-68-7	Butyl benzyl phthalate	ND		11000	1900	
105-60-2	Caprolactam	ND		11000	2400	
86-74-8	Carbazole	ND		11000	2100	
218-01-9	Chrysene	ND		11000	2500	
53-70-3	Dibenz(a,h)anthracene	ND		11000	2100	
84-74-2	Di-n-butyl phthalate	ND		11000	2300	
117-84-0	Di-n-octyl phthalate	ND		11000	2000	
132-64-9	Dibenzofuran	ND		11000	1800	
84-66-2	Diethyl phthalate	ND		11000	1900	
131-11-3	Dimethyl phthalate	ND		11000	2000	
206-44-0	Fluoranthene	4100	J	11000	1900	
86-73-7	Fluorene	ND		11000	1900	
118-74-1	Hexachlorobenzene	ND		11000	2000	
87-68-3	Hexachlorobutadiene	ND		11000	1600	
77-47-4	Hexachlorocyclopentadiene	ND		20000	4600	UJ
67-72-1	Hexachloroethane	ND		11000	1900	
193-39-5	Indeno[1,2,3-cd]pyrene	ND		11000	1600	
78-59-1	Isophorone	ND		11000	2100	
621-64-7	N-Nitrosodi-n-propylamine	ND		11000	2300	
86-30-6	N-Nitrosodiphenylamine	ND		11000	1800	
91-20-3	Naphthalene	ND		11000	1700	
98-95-3	Nitrobenzene	ND		11000	1800	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-8 0-2 | Lab Sample ID: 480-240098-17

Matrix: Solid | Lab File ID: V31750282.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 13:30

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.17(g) | Date Analyzed: 07/09/2026 07:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 6.3 % Solids: 93.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		20000	3300
85-01-8	Phenanthrene	ND		11000	2000
108-95-2	Phenol	ND		11000	1900
129-00-0	Pyrene	3000	J	11000	2000

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	93		22-120
4165-62-2	Phenol-d5 (Surr)	83		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	71		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	96		10-140
321-60-8	2-Fluorobiphenyl (Surr)	71		29-120
367-12-4	2-Fluorophenol (Surr)	89		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-8 0-2 | Lab Sample ID: 480-240098-17

Matrix: Solid | Lab File ID: V31750282.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 13:30

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.17(g) | Date Analyzed: 07/09/2026 07:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 6.3 % Solids: 93.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 18000

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.50	18000	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-12 0-2 | Lab Sample ID: 480-240098-18

Matrix: Solid | Lab File ID: V31750283.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 13:45

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.07(g) | Date Analyzed: 07/09/2026 07:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 5.1 % Solids: 94.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		11000	2000	
108-60-1	bis (2-chloroisopropyl) ether	ND		11000	2200	
95-95-4	2,4,5-Trichlorophenol	ND		11000	2100	
88-06-2	2,4,6-Trichlorophenol	ND		11000	1600	
120-83-2	2,4-Dichlorophenol	ND		11000	2100	
105-67-9	2,4-Dimethylphenol	ND		11000	2200	
51-28-5	2,4-Dinitrophenol	ND		100000	2000	UJ
121-14-2	2,4-Dinitrotoluene	ND		11000	1400	UJ
606-20-2	2,6-Dinitrotoluene	ND		11000	1500	
91-58-7	2-Chloronaphthalene	ND		11000	2000	
123-91-1	1,4-Dioxane	ND		6200	2300	
95-57-8	2-Chlorophenol	ND		11000	1700	
95-48-7	2-Methylphenol	ND		11000	1700	
91-57-6	2-Methylnaphthalene	ND		11000	1700	
88-74-4	2-Nitroaniline	ND		21000	1800	
88-75-5	2-Nitrophenol	ND		11000	1200	
91-94-1	3,3'-Dichlorobenzidine	ND		21000	3100	
99-09-2	3-Nitroaniline	ND		21000	1500	
534-52-1	4,6-Dinitro-2-methylphenol	ND		21000	2300	UJ
101-55-3	4-Bromophenyl phenyl ether	ND		11000	1800	
59-50-7	4-Chloro-3-methylphenol	ND		11000	2200	
106-47-8	4-Chloroaniline	ND		11000	1500	
7005-72-3	4-Chlorophenyl phenyl ether	ND		11000	2200	
106-44-5	4-Methylphenol	ND		21000	1900	
100-01-6	4-Nitroaniline	ND		21000	1500	UJ
100-02-7	4-Nitrophenol	ND		21000	2900	UJ
83-32-9	Acenaphthene	ND		11000	2000	
208-96-8	Acenaphthylene	ND		11000	2000	
98-86-2	Acetophenone	ND		11000	1900	
120-12-7	Anthracene	ND		11000	1900	
1912-24-9	Atrazine	ND		11000	3600	UJ

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-12 0-2 | Lab Sample ID: 480-240098-18

Matrix: Solid | Lab File ID: V31750283.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 13:45

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.07(g) | Date Analyzed: 07/09/2026 07:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 5.1 % Solids: 94.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
100-52-7	Benzaldehyde	ND		11000	8000	
56-55-3	Benzo[a]anthracene	2000	J	11000	1500	
50-32-8	Benzo[a]pyrene	2200	J	11000	1800	
205-99-2	Benzo[b]fluoranthene	3200	J	11000	1400	
191-24-2	Benzo[g,h,i]perylene	ND		11000	1800	
207-08-9	Benzo[k]fluoranthene	ND		11000	2400	
111-91-1	Bis(2-chloroethoxy)methane	ND		11000	2000	
111-44-4	Bis(2-chloroethyl)ether	ND		11000	2000	
117-81-7	Bis(2-ethylhexyl) phthalate	ND		11000	2300	
85-68-7	Butyl benzyl phthalate	ND		11000	1900	
105-60-2	Caprolactam	ND		11000	2400	
86-74-8	Carbazole	ND		11000	2100	
218-01-9	Chrysene	ND		11000	2500	
53-70-3	Dibenz(a,h)anthracene	ND		11000	2100	
84-74-2	Di-n-butyl phthalate	ND		11000	2400	
117-84-0	Di-n-octyl phthalate	ND		11000	2000	
132-64-9	Dibenzofuran	ND		11000	1900	
84-66-2	Diethyl phthalate	ND		11000	1900	
131-11-3	Dimethyl phthalate	ND		11000	2000	
206-44-0	Fluoranthene	4700	J	11000	1900	
86-73-7	Fluorene	ND		11000	1900	
118-74-1	Hexachlorobenzene	ND		11000	2000	
87-68-3	Hexachlorobutadiene	ND		11000	1600	
77-47-4	Hexachlorocyclopentadiene	ND		21000	4600	UJ
67-72-1	Hexachloroethane	ND		11000	1900	
193-39-5	Indeno[1,2,3-cd]pyrene	ND		11000	1600	
78-59-1	Isophorone	ND		11000	2200	
621-64-7	N-Nitrosodi-n-propylamine	ND		11000	2400	
86-30-6	N-Nitrosodiphenylamine	ND		11000	1800	
91-20-3	Naphthalene	ND		11000	1800	
98-95-3	Nitrobenzene	ND		11000	1800	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-12 0-2 | Lab Sample ID: 480-240098-18

Matrix: Solid | Lab File ID: V31750283.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 13:45

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.07(g) | Date Analyzed: 07/09/2026 07:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 5.1 % Solids: 94.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-86-5	Pentachlorophenol	ND		21000	3400
85-01-8	Phenanthrene	ND		11000	2000
108-95-2	Phenol	ND		11000	1900
129-00-0	Pyrene	2800	J	11000	2000

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	101		22-120
4165-62-2	Phenol-d5 (Surr)	79		23-120
1718-51-0	p-Terphenyl-d14 (Surr)	75		28-124
118-79-6	2,4,6-Tribromophenol (Surr)	100		10-140
321-60-8	2-Fluorobiphenyl (Surr)	82		29-120
367-12-4	2-Fluorophenol (Surr)	97		18-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-12 0-2 | Lab Sample ID: 480-240098-18

Matrix: Solid | Lab File ID: V31750283.d

Analysis Method: EPA 8270E | Date Collected: 07/02/2026 13:45

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 5.07(g) | Date Analyzed: 07/09/2026 07:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: 5.1 % Solids: 94.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

Number TICs Found: 1 | TIC Result Total: 19000

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.50	19000	T,J	

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Method 8081B

Organochlorine Pesticides (GC) by Method 8081B

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2 | Lab Sample ID: 480-240098-10

Matrix: Solid | Lab File ID: 5_90207.D

Analysis Method: 8081B | Date Collected: 07/02/2026 11:30

Extraction Method: 3546 | Date Extracted: 07/06/2026 07:00

Sample wt/vol: 15.49(g) | Date Analyzed: 07/06/2026 15:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: 11.9 % Solids: 88.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779937 | Units: ug/Kg

Preparation Batch No.: 779889 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-43-5	Methoxychlor	22	J	73	15	NJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		45-120
877-09-8	Tetrachloro-m-xylene	0	*S1-*	30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2 | Lab Sample ID: 480-240098-10

Matrix: Solid | Lab File ID: 5_90207.D

Analysis Method: 8081B | Date Collected: 07/02/2026 11:30

Extraction Method: 3546 | Date Extracted: 07/06/2026 07:00

Sample wt/vol: 15.49(g) | Date Analyzed: 07/06/2026 15:04

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: 11.9 % Solids: 88.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779937 | Units: ug/Kg

Preparation Batch No.: 779889 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		73	14	
72-55-9	4,4'-DDE	ND		73	15	
50-29-3	4,4'-DDT	19	J	73	17	NJ
319-85-7	beta-BHC	ND		73	13	
5103-71-9	cis-Chlordane	ND		73	36	
319-84-6	alpha-BHC	13	J	73	13	
309-00-2	Aldrin	ND		73	18	
319-86-8	delta-BHC	15	J	73	14	
60-57-1	Dieldrin	ND		73	18	
959-98-8	Endosulfan I	ND		73	14	
33213-65-9	Endosulfan II	ND		73	13	
1031-07-8	Endosulfan sulfate	ND		73	14	
72-20-8	Endrin	ND		73	15	
7421-93-4	Endrin aldehyde	ND		73	19	
53494-70-5	Endrin ketone	ND		73	18	
58-89-9	gamma-BHC (Lindane)	56	J	73	13	NJ
5103-74-2	trans-Chlordane	ND		73	23	
76-44-8	Heptachlor	ND		73	16	
1024-57-3	Heptachlor epoxide	ND		73	19	
8001-35-2	Toxaphene	ND		730	430	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	520	S1+	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-4 0-2 | Lab Sample ID: 480-240098-11

Matrix: Solid | Lab File ID: 5_90206.D

Analysis Method: 8081B | Date Collected: 07/02/2026 11:45

Extraction Method: 3546 | Date Extracted: 07/06/2026 07:00

Sample wt/vol: 15.65(g) | Date Analyzed: 07/06/2026 14:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: 5.3 % Solids: 94.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779937 | Units: ug/Kg

Preparation Batch No.: 779889 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND	F1	170	33	
72-55-9	4,4'-DDE	ND		170	35	
50-29-3	4,4'-DDT	ND		170	39	
319-85-7	beta-BHC	ND	F1	170	30	
5103-71-9	cis-Chlordane	ND		170	84	
319-84-6	alpha-BHC	ND	F1	170	30	
309-00-2	Aldrin	ND		170	41	
319-86-8	delta-BHC	ND		170	31	
60-57-1	Dieldrin	ND		170	40	
959-98-8	Endosulfan I	ND	F1	170	32	
33213-65-9	Endosulfan II	ND	F1	170	30	
1031-07-8	Endosulfan sulfate	ND	F1	170	31	
72-20-8	Endrin	ND	F1	170	33	
7421-93-4	Endrin aldehyde	ND		170	43	
53494-70-5	Endrin ketone	ND		170	41	
58-89-9	gamma-BHC (Lindane)	ND		170	31	
5103-74-2	trans-Chlordane	ND		170	54	
76-44-8	Heptachlor	ND		170	37	
1024-57-3	Heptachlor epoxide	ND		170	44	
72-43-5	Methoxychlor	ND		170	34	
8001-35-2	Toxaphene	ND		1700	980	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-9 0-2 | Lab Sample ID: 480-240098-12

Matrix: Solid | Lab File ID: 5_90208.D

Analysis Method: 8081B | Date Collected: 07/02/2026 11:55

Extraction Method: 3546 | Date Extracted: 07/06/2026 07:00

Sample wt/vol: 15.26(g) | Date Analyzed: 07/06/2026 15:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: 8.4 % Solids: 91.6 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779937 | Units: ug/Kg

Preparation Batch No.: 779889 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		180	35	
72-55-9	4,4'-DDE	ND		180	38	
50-29-3	4,4'-DDT	ND		180	42	
319-85-7	beta-BHC	ND		180	32	
5103-71-9	cis-Chlordane	ND		180	89	
319-84-6	alpha-BHC	ND		180	32	
309-00-2	Aldrin	ND		180	44	
319-86-8	delta-BHC	ND		180	33	
60-57-1	Dieldrin	ND		180	43	
959-98-8	Endosulfan I	ND		180	34	
33213-65-9	Endosulfan II	ND		180	32	
1031-07-8	Endosulfan sulfate	ND		180	33	
72-20-8	Endrin	ND		180	35	
7421-93-4	Endrin aldehyde	ND		180	46	
53494-70-5	Endrin ketone	ND		180	44	
58-89-9	gamma-BHC (Lindane)	ND		180	33	
5103-74-2	trans-Chlordane	ND		180	57	
76-44-8	Heptachlor	ND		180	39	
1024-57-3	Heptachlor epoxide	ND		180	46	
72-43-5	Methoxychlor	ND		180	36	
8001-35-2	Toxaphene	ND		1800	1000	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-10 0-2 | Lab Sample ID: 480-240098-13

Matrix: Solid | Lab File ID: 5_90209.D

Analysis Method: 8081B | Date Collected: 07/02/2026 12:15

Extraction Method: 3546 | Date Extracted: 07/06/2026 07:00

Sample wt/vol: 15.71(g) | Date Analyzed: 07/06/2026 15:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: 18.3 % Solids: 81.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779937 | Units: ug/Kg

Preparation Batch No.: 779889 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		200	38	
72-55-9	4,4'-DDE	ND		200	41	
50-29-3	4,4'-DDT	ND		200	46	
319-85-7	beta-BHC	ND		200	35	
5103-71-9	cis-Chlordane	ND		200	97	
319-84-6	alpha-BHC	ND		200	35	
309-00-2	Aldrin	ND		200	48	
319-86-8	delta-BHC	ND		200	36	
60-57-1	Dieldrin	ND		200	47	
959-98-8	Endosulfan I	ND		200	37	
33213-65-9	Endosulfan II	ND		200	35	
1031-07-8	Endosulfan sulfate	ND		200	36	
72-20-8	Endrin	ND		200	39	
7421-93-4	Endrin aldehyde	ND		200	50	
53494-70-5	Endrin ketone	ND		200	48	
58-89-9	gamma-BHC (Lindane)	ND		200	36	
5103-74-2	trans-Chlordane	ND		200	62	
76-44-8	Heptachlor	ND		200	42	
1024-57-3	Heptachlor epoxide	ND		200	50	
72-43-5	Methoxychlor	ND		200	40	
8001-35-2	Toxaphene	ND		2000	1100	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-11 0-2 | Lab Sample ID: 480-240098-14

Matrix: Solid | Lab File ID: 5_90210.D

Analysis Method: 8081B | Date Collected: 07/02/2026 12:30

Extraction Method: 3546 | Date Extracted: 07/06/2026 07:00

Sample wt/vol: 15.64(g) | Date Analyzed: 07/06/2026 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: 8.1 % Solids: 91.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779937 | Units: ug/Kg

Preparation Batch No.: 779889 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		170	34	
72-55-9	4,4'-DDE	ND		170	37	
50-29-3	4,4'-DDT	ND		170	41	
319-85-7	beta-BHC	ND		170	31	
5103-71-9	cis-Chlordane	ND		170	87	
319-84-6	alpha-BHC	ND		170	31	
309-00-2	Aldrin	ND		170	43	
319-86-8	delta-BHC	ND		170	32	
60-57-1	Dieldrin	ND		170	42	
959-98-8	Endosulfan I	ND		170	33	
33213-65-9	Endosulfan II	ND		170	31	
1031-07-8	Endosulfan sulfate	ND		170	32	
72-20-8	Endrin	ND		170	34	
7421-93-4	Endrin aldehyde	ND		170	44	
53494-70-5	Endrin ketone	ND		170	43	
58-89-9	gamma-BHC (Lindane)	ND		170	32	
5103-74-2	trans-Chlordane	ND		170	55	
76-44-8	Heptachlor	ND		170	38	
1024-57-3	Heptachlor epoxide	ND		170	45	
72-43-5	Methoxychlor	ND		170	35	
8001-35-2	Toxaphene	ND		1700	1000	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2 | Lab Sample ID: 480-240098-15

Matrix: Solid | Lab File ID: 5_90211.D

Analysis Method: 8081B | Date Collected: 07/02/2026 12:50

Extraction Method: 3546 | Date Extracted: 07/06/2026 07:00

Sample wt/vol: 15.33(g) | Date Analyzed: 07/06/2026 16:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: 15.1 % Solids: 84.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779937 | Units: ug/Kg

Preparation Batch No.: 779889 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		77	15	
72-55-9	4,4'-DDE	ND		77	16	
50-29-3	4,4'-DDT	18	J	77	18	J
319-85-7	beta-BHC	ND		77	14	
5103-71-9	cis-Chlordane	ND		77	38	
319-84-6	alpha-BHC	ND		77	14	
309-00-2	Aldrin	ND		77	19	
319-86-8	delta-BHC	ND		77	14	
60-57-1	Dieldrin	ND		77	18	
959-98-8	Endosulfan I	ND		77	15	
33213-65-9	Endosulfan II	ND		77	14	
1031-07-8	Endosulfan sulfate	ND		77	14	
72-20-8	Endrin	ND		77	15	
7421-93-4	Endrin aldehyde	ND		77	20	
53494-70-5	Endrin ketone	ND		77	19	
58-89-9	gamma-BHC (Lindane)	ND		77	14	
5103-74-2	trans-Chlordane	ND		77	24	
76-44-8	Heptachlor	ND		77	17	
1024-57-3	Heptachlor epoxide	ND		77	20	
72-43-5	Methoxychlor	24	J	77	16	
8001-35-2	Toxaphene	ND		770	450	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2 | Lab Sample ID: 480-240098-16

Matrix: Solid | Lab File ID: 5_90212.D

Analysis Method: 8081B | Date Collected: 07/02/2026 13:10

Extraction Method: 3546 | Date Extracted: 07/06/2026 07:00

Sample wt/vol: 15.05(g) | Date Analyzed: 07/06/2026 16:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: 13.8 % Solids: 86.2 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779937 | Units: ug/Kg

Preparation Batch No.: 779889 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		77	15	
72-55-9	4,4'-DDE	ND		77	16	
50-29-3	4,4'-DDT	ND		77	18	
319-85-7	beta-BHC	ND		77	14	
5103-71-9	cis-Chlordane	ND		77	38	
319-84-6	alpha-BHC	ND		77	14	
309-00-2	Aldrin	ND		77	19	
319-86-8	delta-BHC	ND		77	14	
60-57-1	Dieldrin	ND		77	19	
959-98-8	Endosulfan I	ND		77	15	
33213-65-9	Endosulfan II	ND		77	14	
1031-07-8	Endosulfan sulfate	ND		77	14	
72-20-8	Endrin	ND		77	15	
7421-93-4	Endrin aldehyde	ND		77	20	
53494-70-5	Endrin ketone	ND		77	19	
58-89-9	gamma-BHC (Lindane)	ND		77	14	
5103-74-2	trans-Chlordane	ND		77	25	
76-44-8	Heptachlor	ND		77	17	
1024-57-3	Heptachlor epoxide	ND		77	20	
72-43-5	Methoxychlor	36	J	77	16	J
8001-35-2	Toxaphene	ND		770	450	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

MKP 7/30/2026

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-8 0-2 | Lab Sample ID: 480-240098-17

Matrix: Solid | Lab File ID: 5_90213.D

Analysis Method: 8081B | Date Collected: 07/02/2026 13:30

Extraction Method: 3546 | Date Extracted: 07/06/2026 07:00

Sample wt/vol: 15.38(g) | Date Analyzed: 07/06/2026 17:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: 6.3 % Solids: 93.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779937 | Units: ug/Kg

Preparation Batch No.: 779889 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		170	34	
72-55-9	4,4'-DDE	ND		170	36	
50-29-3	4,4'-DDT	ND		170	41	
319-85-7	beta-BHC	ND		170	31	
5103-71-9	cis-Chlordane	ND		170	86	
319-84-6	alpha-BHC	ND		170	31	
309-00-2	Aldrin	ND		170	43	
319-86-8	delta-BHC	ND		170	32	
60-57-1	Dieldrin	ND		170	42	
959-98-8	Endosulfan I	ND		170	33	
33213-65-9	Endosulfan II	ND		170	31	
1031-07-8	Endosulfan sulfate	ND		170	32	
72-20-8	Endrin	ND		170	34	
7421-93-4	Endrin aldehyde	ND		170	44	
53494-70-5	Endrin ketone	ND		170	43	
58-89-9	gamma-BHC (Lindane)	ND		170	32	
5103-74-2	trans-Chlordane	ND		170	55	
76-44-8	Heptachlor	ND		170	38	
1024-57-3	Heptachlor epoxide	ND		170	45	
72-43-5	Methoxychlor	ND		170	35	
8001-35-2	Toxaphene	ND		1700	1000	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

MKP 7/30/2026

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-12 0-2 | Lab Sample ID: 480-240098-18

Matrix: Solid | Lab File ID: 5_90214.D

Analysis Method: 8081B | Date Collected: 07/02/2026 13:45

Extraction Method: 3546 | Date Extracted: 07/06/2026 07:00

Sample wt/vol: 15.76(g) | Date Analyzed: 07/06/2026 17:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: 5.1 % Solids: 94.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 779937 | Units: ug/Kg

Preparation Batch No.: 779889 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		170	32	
72-55-9	4,4'-DDE	ND		170	35	
50-29-3	4,4'-DDT	ND		170	39	
319-85-7	beta-BHC	ND		170	30	
5103-71-9	cis-Chlordane	ND		170	83	
319-84-6	alpha-BHC	ND		170	30	
309-00-2	Aldrin	ND		170	41	
319-86-8	delta-BHC	ND		170	31	
60-57-1	Dieldrin	ND		170	40	
959-98-8	Endosulfan I	ND		170	32	
33213-65-9	Endosulfan II	ND		170	30	
1031-07-8	Endosulfan sulfate	ND		170	31	
72-20-8	Endrin	ND		170	33	
7421-93-4	Endrin aldehyde	ND		170	43	
53494-70-5	Endrin ketone	ND		170	41	
58-89-9	gamma-BHC (Lindane)	ND		170	31	
5103-74-2	trans-Chlordane	ND		170	53	
76-44-8	Heptachlor	ND		170	36	
1024-57-3	Heptachlor epoxide	ND		170	43	
72-43-5	Methoxychlor	35	J	170	34	
8001-35-2	Toxaphene	ND		1700	970	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	S1-	45-120
877-09-8	Tetrachloro-m-xylene	0	S1-	30-124

MKP 7/30/2026

Method 8082A

Polychlorinated Biphenyls (PCBs) (GC) by Method 8082A

No data validation qualifieres were added

MKP 7/30/2026

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2 Lab Sample ID: 480-240098-10

Matrix: Solid Lab File ID: 70013978.D

Analysis Method: 8082A Date Collected: 07/02/2026 11:30

Extraction Method: 3550C Date Extracted: 07/07/2026 06:51

Sample wt/vol: 2.22(g) Date Analyzed: 07/07/2026 20:35

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 11.9 % Solids: 88.1 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780037 Units: mg/Kg

Preparation Batch No.: 779989 Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.26	0.050
11104-28-2	PCB-1221	ND		0.26	0.050
11141-16-5	PCB-1232	ND		0.26	0.050
53469-21-9	PCB-1242	ND		0.26	0.050
12672-29-6	PCB-1248	ND		0.26	0.050
11097-69-1	PCB-1254	ND		0.26	0.12
11096-82-5	PCB-1260	ND		0.26	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		60-154
2051-24-3	DCB Decachlorobiphenyl	81		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-4 0-2 Lab Sample ID: 480-240098-11

Matrix: Solid Lab File ID: 70013979.D

Analysis Method: 8082A Date Collected: 07/02/2026 11:45

Extraction Method: 3550C Date Extracted: 07/07/2026 06:51

Sample wt/vol: 2.44(g) Date Analyzed: 07/07/2026 20:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 5.3 % Solids: 94.7 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780037 Units: mg/Kg

Preparation Batch No.: 779989 Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.22	0.042
11104-28-2	PCB-1221	ND		0.22	0.042
11141-16-5	PCB-1232	ND		0.22	0.042
53469-21-9	PCB-1242	ND		0.22	0.042
12672-29-6	PCB-1248	ND		0.22	0.042
11097-69-1	PCB-1254	ND		0.22	0.10
11096-82-5	PCB-1260	ND		0.22	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	99		60-154
2051-24-3	DCB Decachlorobiphenyl	75		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-9 0-2 Lab Sample ID: 480-240098-12

Matrix: Solid Lab File ID: 70013980.D

Analysis Method: 8082A Date Collected: 07/02/2026 11:55

Extraction Method: 3550C Date Extracted: 07/07/2026 06:51

Sample wt/vol: 2.60(g) Date Analyzed: 07/07/2026 21:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 8.4 % Solids: 91.6 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780037 Units: mg/Kg

Preparation Batch No.: 779989 Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.21	0.041
11104-28-2	PCB-1221	ND		0.21	0.041
11141-16-5	PCB-1232	ND		0.21	0.041
53469-21-9	PCB-1242	ND		0.21	0.041
12672-29-6	PCB-1248	ND		0.21	0.041
11097-69-1	PCB-1254	ND		0.21	0.098
11096-82-5	PCB-1260	ND		0.21	0.098

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	96		60-154
2051-24-3	DCB Decachlorobiphenyl	77		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-10 0-2 Lab Sample ID: 480-240098-13

Matrix: Solid Lab File ID: 70013981.D

Analysis Method: 8082A Date Collected: 07/02/2026 12:15

Extraction Method: 3550C Date Extracted: 07/07/2026 06:51

Sample wt/vol: 2.43(g) Date Analyzed: 07/07/2026 21:30

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 18.3 % Solids: 81.7 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780037 Units: mg/Kg

Preparation Batch No.: 779989 Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.25	0.049
11104-28-2	PCB-1221	ND		0.25	0.049
11141-16-5	PCB-1232	ND		0.25	0.049
53469-21-9	PCB-1242	ND		0.25	0.049
12672-29-6	PCB-1248	ND		0.25	0.049
11097-69-1	PCB-1254	ND		0.25	0.12
11096-82-5	PCB-1260	ND		0.25	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	87		60-154
2051-24-3	DCB Decachlorobiphenyl	69		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-11 0-2 Lab Sample ID: 480-240098-14

Matrix: Solid Lab File ID: 70013982.D

Analysis Method: 8082A Date Collected: 07/02/2026 12:30

Extraction Method: 3550C Date Extracted: 07/07/2026 06:51

Sample wt/vol: 2.58(g) Date Analyzed: 07/07/2026 21:49

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 8.1 % Solids: 91.9 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780037 Units: mg/Kg

Preparation Batch No.: 779989 Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.21	0.041
11104-28-2	PCB-1221	ND		0.21	0.041
11141-16-5	PCB-1232	ND		0.21	0.041
53469-21-9	PCB-1242	ND		0.21	0.041
12672-29-6	PCB-1248	ND		0.21	0.041
11097-69-1	PCB-1254	ND		0.21	0.099
11096-82-5	PCB-1260	ND		0.21	0.099

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	91		60-154
2051-24-3	DCB Decachlorobiphenyl	72		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2 | Lab Sample ID: 480-240098-15

Matrix: Solid | Lab File ID: 70013983.D

Analysis Method: 8082A | Date Collected: 07/02/2026 12:50

Extraction Method: 3550C | Date Extracted: 07/07/2026 06:51

Sample wt/vol: 2.74(g) | Date Analyzed: 07/07/2026 22:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 15.1 % Solids: 84.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780037 | Units: mg/Kg

Preparation Batch No.: 779989 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.21	0.042
11104-28-2	PCB-1221	ND		0.21	0.042
11141-16-5	PCB-1232	ND		0.21	0.042
53469-21-9	PCB-1242	ND		0.21	0.042
12672-29-6	PCB-1248	ND		0.21	0.042
11097-69-1	PCB-1254	ND		0.21	0.10
11096-82-5	PCB-1260	ND		0.21	0.10

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	90		60-154
2051-24-3	DCB Decachlorobiphenyl	64	S1-	65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2 Lab Sample ID: 480-240098-16

Matrix: Solid Lab File ID: 70013984.D

Analysis Method: 8082A Date Collected: 07/02/2026 13:10

Extraction Method: 3550C Date Extracted: 07/07/2026 06:51

Sample wt/vol: 2.35(g) Date Analyzed: 07/07/2026 22:25

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 13.8 % Solids: 86.2 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780037 Units: mg/Kg

Preparation Batch No.: 779989 Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.25	0.048
11104-28-2	PCB-1221	ND		0.25	0.048
11141-16-5	PCB-1232	ND		0.25	0.048
53469-21-9	PCB-1242	ND		0.25	0.048
12672-29-6	PCB-1248	ND		0.25	0.048
11097-69-1	PCB-1254	ND		0.25	0.12
11096-82-5	PCB-1260	ND		0.25	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	100		60-154
2051-24-3	DCB Decachlorobiphenyl	82		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-8 0-2 | Lab Sample ID: 480-240098-17

Matrix: Solid | Lab File ID: 70013985.D

Analysis Method: 8082A | Date Collected: 07/02/2026 13:30

Extraction Method: 3550C | Date Extracted: 07/07/2026 06:51

Sample wt/vol: 2.58(g) | Date Analyzed: 07/07/2026 22:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 6.3 % Solids: 93.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780037 | Units: mg/Kg

Preparation Batch No.: 779989 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.21	0.040
11104-28-2	PCB-1221	ND		0.21	0.040
11141-16-5	PCB-1232	ND		0.21	0.040
53469-21-9	PCB-1242	ND		0.21	0.040
12672-29-6	PCB-1248	ND		0.21	0.040
11097-69-1	PCB-1254	ND		0.21	0.097
11096-82-5	PCB-1260	ND		0.21	0.097

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	102		60-154
2051-24-3	DCB Decachlorobiphenyl	84		65-174

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-12 0-2 Lab Sample ID: 480-240098-18

Matrix: Solid Lab File ID: 70013986.D

Analysis Method: 8082A Date Collected: 07/02/2026 13:45

Extraction Method: 3550C Date Extracted: 07/07/2026 06:51

Sample wt/vol: 2.49(g) Date Analyzed: 07/07/2026 23:02

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ZB-5 ID: 0.53(mm)

% Moisture: 5.1 % Solids: 94.9 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780037 Units: mg/Kg

Preparation Batch No.: 779989 Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.21	0.041
11104-28-2	PCB-1221	ND		0.21	0.041
11141-16-5	PCB-1232	ND		0.21	0.041
53469-21-9	PCB-1242	ND		0.21	0.041
12672-29-6	PCB-1248	ND		0.21	0.041
11097-69-1	PCB-1254	ND		0.21	0.099
11096-82-5	PCB-1260	ND		0.21	0.099

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		60-154
2051-24-3	DCB Decachlorobiphenyl	87		65-174

1633A

Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10

Matrix: Solid
Lab File ID: 26JUL09J-37.d

Analysis Method: 1633A
Date Collected: 07/02/2026 11:30

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.31(g)
Date Analyzed: 07/10/2026 05:55

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 11.9 % Solids: 88.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.20	J	0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.11	J	0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	0.11	J	0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	0.29		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	0.14	J	0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	0.12	J	0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.3		0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	0.11	J	0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10

Matrix: Solid
Lab File ID: 26JUL09J-37.d

Analysis Method: 1633A
Date Collected: 07/02/2026 11:30

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.31(g)
Date Analyzed: 07/10/2026 05:55

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 11.9 % Solids: 88.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10

Matrix: Solid
Lab File ID: 26JUL09J-37.d

Analysis Method: 1633A
Date Collected: 07/02/2026 11:30

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.31(g)
Date Analyzed: 07/10/2026 05:55

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 11.9 % Solids: 88.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	76.2		8-130
2283397-79-3	13C5 PFPeA	69.5		35-130
2328024-54-8	13C5 PFHxA	72.0		40-130
2328024-55-9	13C4 PFHpA	73.9		40-130
1350614-84-4	13C8 PFOA	80.9		40-130
2283397-80-6	13C9 PFNA	84.3		40-130
2328024-56-0	13C6 PFDA	81.5		40-130
STL02580	13C7 PFUnA	81.8		40-130
STL02116	13C2 PFTeDA	64.2		20-130
2708218-83-9	13C3 PFBS	80.4		40-135
2708218-85-1	13C3 PFHxS	78.6		40-130
2265893-05-6	13C8 PFOS	70.6		40-130
STL01056	13C8 FOSA	83.6		40-130
1400690-70-1	d3-NMeFOSAA	105		40-135
1265205-97-7	d5-NEtFOSAA	135		40-150
STL02395	13C2 4:2 FTS	180	*5+	40-165
STL02279	13C2 6:2 FTS	150		40-215
STL02280	13C2 8:2 FTS	133		40-275
STL02255	13C3 HFPO-DA	73.1		40-130
STL02277	d7-N-MeFOSE-M	51.4		20-130
STL02278	d9-N-EtFOSE-M	31.1		15-130
STL02704	d5-NEtPFOSA	57.9		10-130
STL02705	d3-NMePFOSA	71.8		10-130
960315-52-0	13C2 PFDoA	70.6		40-130
STL03731	13C3-PFDoS	59.6		20-150
STL03747	13C3-3:3 FTCA	80.5		20-150
STL03748	13C3-5:3 FTCA	71.8		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-4 0-2
Lab Sample ID: 480-240098-11

Matrix: Solid
Lab File ID: 26JUL09J-38.d

Analysis Method: 1633A
Date Collected: 07/02/2026 11:45

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.11(g)
Date Analyzed: 07/10/2026 06:09

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 5.3 % Solids: 94.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.24	J	0.40	0.10
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.11	J	0.20	0.10
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10
335-67-1	Perfluorooctanoic acid (PFOA)	0.11	J	0.20	0.060
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.10
335-76-2	Perfluorodecanoic acid (PFDA)	0.090	J	0.20	0.060
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.73		0.20	0.10
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-4 0-2
Lab Sample ID: 480-240098-11

Matrix: Solid
Lab File ID: 26JUL09J-38.d

Analysis Method: 1633A
Date Collected: 07/02/2026 11:45

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.11(g)
Date Analyzed: 07/10/2026 06:09

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 5.3 % Solids: 94.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.10
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.10
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-4 0-2
Lab Sample ID: 480-240098-11

Matrix: Solid
Lab File ID: 26JUL09J-38.d

Analysis Method: 1633A
Date Collected: 07/02/2026 11:45

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.11(g)
Date Analyzed: 07/10/2026 06:09

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 5.3 % Solids: 94.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	71.2		8-130
2283397-79-3	13C5 PFPeA	57.9		35-130
2328024-54-8	13C5 PFHxA	61.6		40-130
2328024-55-9	13C4 PFHpA	59.1		40-130
1350614-84-4	13C8 PFOA	64.2		40-130
2283397-80-6	13C9 PFNA	78.6		40-130
2328024-56-0	13C6 PFDA	79.7		40-130
STL02580	13C7 PFUnA	81.4		40-130
STL02116	13C2 PFTeDA	77.5		20-130
2708218-83-9	13C3 PFBS	74.9		40-135
2708218-85-1	13C3 PFHxS	72.7		40-130
2265893-05-6	13C8 PFOS	72.5		40-130
STL01056	13C8 FOSA	90.3		40-130
1400690-70-1	d3-NMeFOSAA	125		40-135
1265205-97-7	d5-NEtFOSAA	136		40-150
STL02395	13C2 4:2 FTS	204	*5+	40-165
STL02279	13C2 6:2 FTS	176		40-215
STL02280	13C2 8:2 FTS	166		40-275
STL02255	13C3 HFPO-DA	66.8		40-130
STL02277	d7-N-MeFOSE-M	56.6		20-130
STL02278	d9-N-EtFOSE-M	42.7		15-130
STL02704	d5-NEtPFOSA	53.8		10-130
STL02705	d3-NMePFOSA	72.2		10-130
960315-52-0	13C2 PFDoA	74.7		40-130
STL03731	13C3-PFDoS	68.1		20-150
STL03747	13C3-3:3 FTCA	77.5		20-150
STL03748	13C3-5:3 FTCA	81.4		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12

Matrix: Solid
Lab File ID: 26JUL09J-39.d

Analysis Method: 1633A
Date Collected: 07/02/2026 11:55

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.22(g)
Date Analyzed: 07/10/2026 06:22

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 8.4 % Solids: 91.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.29	J	0.39	0.098
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.13	J	0.20	0.098
307-24-4	Perfluorohexanoic acid (PFHxA)	0.12	J	0.20	0.098
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.098	J	0.20	0.098
335-67-1	Perfluorooctanoic acid (PFOA)	0.22		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	0.13	J	0.20	0.098
335-76-2	Perfluorodecanoic acid (PFDA)	0.12	J	0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.53		0.20	0.098
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12

Matrix: Solid
Lab File ID: 26JUL09J-39.d

Analysis Method: 1633A
Date Collected: 07/02/2026 11:55

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.22(g)
Date Analyzed: 07/10/2026 06:22

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 8.4 % Solids: 91.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.098	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.098	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12

Matrix: Solid
Lab File ID: 26JUL09J-39.d

Analysis Method: 1633A
Date Collected: 07/02/2026 11:55

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.22(g)
Date Analyzed: 07/10/2026 06:22

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 8.4 % Solids: 91.6
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	67.2		8-130
2283397-79-3	13C5 PFPeA	61.5		35-130
2328024-54-8	13C5 PFHxA	62.8		40-130
2328024-55-9	13C4 PFHpA	65.1		40-130
1350614-84-4	13C8 PFOA	61.4		40-130
2283397-80-6	13C9 PFNA	72.4		40-130
2328024-56-0	13C6 PFDA	69.3		40-130
STL02580	13C7 PFUnA	71.5		40-130
STL02116	13C2 PFTeDA	60.9		20-130
2708218-83-9	13C3 PFBS	66.7		40-135
2708218-85-1	13C3 PFHxS	65.5		40-130
2265893-05-6	13C8 PFOS	60.0		40-130
STL01056	13C8 FOSA	76.8		40-130
1400690-70-1	d3-NMeFOSAA	87.3		40-135
1265205-97-7	d5-NEtFOSAA	112		40-150
STL02395	13C2 4:2 FTS	144		40-165
STL02279	13C2 6:2 FTS	131		40-215
STL02280	13C2 8:2 FTS	114		40-275
STL02255	13C3 HFPO-DA	64.6		40-130
STL02277	d7-N-MeFOSE-M	43.0		20-130
STL02278	d9-N-EtFOSE-M	30.6		15-130
STL02704	d5-NEtPFOSA	52.3		10-130
STL02705	d3-NMePFOSA	64.8		10-130
960315-52-0	13C2 PFDoA	62.4		40-130
STL03731	13C3-PFDoS	54.9		20-150
STL03747	13C3-3:3 FTCA	63.1		20-150
STL03748	13C3-5:3 FTCA	57.1		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13

Matrix: Solid
Lab File ID: 26JUL09J-40.d

Analysis Method: 1633A
Date Collected: 07/02/2026 12:15

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.46(g)
Date Analyzed: 07/10/2026 06:36

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 18.3 % Solids: 81.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.37	J	0.40	0.099
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.11	J	0.20	0.099
307-24-4	Perfluorohexanoic acid (PFHxA)	0.10	J	0.20	0.099
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.11	J	0.20	0.099
335-67-1	Perfluorooctanoic acid (PFOA)	0.15	J	0.20	0.060
375-95-1	Perfluorononanoic acid (PFNA)	0.12	J	0.20	0.099
335-76-2	Perfluorodecanoic acid (PFDA)	0.11	J	0.20	0.060
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.34		0.20	0.099
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13

Matrix: Solid
Lab File ID: 26JUL09J-40.d

Analysis Method: 1633A
Date Collected: 07/02/2026 12:15

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.46(g)
Date Analyzed: 07/10/2026 06:36

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 18.3 % Solids: 81.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.099	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.099	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13

Matrix: Solid
Lab File ID: 26JUL09J-40.d

Analysis Method: 1633A
Date Collected: 07/02/2026 12:15

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.46(g)
Date Analyzed: 07/10/2026 06:36

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 18.3 % Solids: 81.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	107		8-130
2283397-79-3	13C5 PFPeA	101		35-130
2328024-54-8	13C5 PFHxA	104		40-130
2328024-55-9	13C4 PFHpA	106		40-130
1350614-84-4	13C8 PFOA	110		40-130
2283397-80-6	13C9 PFNA	114		40-130
2328024-56-0	13C6 PFDA	108		40-130
STL02580	13C7 PFUnA	110		40-130
STL02116	13C2 PFTeDA	85.3		20-130
2708218-83-9	13C3 PFBS	104		40-135
2708218-85-1	13C3 PFHxS	104		40-130
2265893-05-6	13C8 PFOS	100		40-130
STL01056	13C8 FOSA	123		40-130
1400690-70-1	d3-NMeFOSAA	144	*5+	40-135
1265205-97-7	d5-NEtFOSAA	174	*5+	40-150
STL02395	13C2 4:2 FTS	254	*5+	40-165
STL02279	13C2 6:2 FTS	233	*5+	40-215
STL02280	13C2 8:2 FTS	196		40-275
STL02255	13C3 HFPO-DA	107		40-130
STL02277	d7-N-MeFOSE-M	54.4		20-130
STL02278	d9-N-EtFOSE-M	43.5		15-130
STL02704	d5-NEtPFOSA	83.7		10-130
STL02705	d3-NMePFOSA	106		10-130
960315-52-0	13C2 PFDoA	104		40-130
STL03731	13C3-PFDoS	78.1		20-150
STL03747	13C3-3:3 FTCA	112		20-150
STL03748	13C3-5:3 FTCA	103		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14

Matrix: Solid
Lab File ID: 26JUL09J-43a.d

Analysis Method: 1633A
Date Collected: 07/02/2026 12:30

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.25(g)
Date Analyzed: 07/10/2026 09:19

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 8.1 % Solids: 91.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.37	J	0.39	0.097
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.18	J	0.19	0.097
307-24-4	Perfluorohexanoic acid (PFHxA)	0.13	J	0.19	0.097
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.12	J	0.19	0.097
335-67-1	Perfluorooctanoic acid (PFOA)	0.23		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	0.16	J	0.19	0.097
335-76-2	Perfluorodecanoic acid (PFDA)	0.11	J	0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.34		0.19	0.097
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14

Matrix: Solid
Lab File ID: 26JUL09J-43a.d

Analysis Method: 1633A
Date Collected: 07/02/2026 12:30

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.25(g)
Date Analyzed: 07/10/2026 09:19

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 8.1 % Solids: 91.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.097	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.097	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14

Matrix: Solid
Lab File ID: 26JUL09J-43a.d

Analysis Method: 1633A
Date Collected: 07/02/2026 12:30

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.25(g)
Date Analyzed: 07/10/2026 09:19

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 8.1 % Solids: 91.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	61.5		8-130
2283397-79-3	13C5 PFPeA	55.2		35-130
2328024-54-8	13C5 PFHxA	58.4		40-130
2328024-55-9	13C4 PFHpA	62.2		40-130
1350614-84-4	13C8 PFOA	58.5		40-130
2283397-80-6	13C9 PFNA	70.5		40-130
2328024-56-0	13C6 PFDA	68.6		40-130
STL02580	13C7 PFUnA	72.3		40-130
STL02116	13C2 PFTeDA	66.2		20-130
2708218-83-9	13C3 PFBS	63.9		40-135
2708218-85-1	13C3 PFHxS	63.4		40-130
2265893-05-6	13C8 PFOS	63.2		40-130
STL01056	13C8 FOSA	75.1		40-130
1400690-70-1	d3-NMeFOSAA	93.9		40-135
1265205-97-7	d5-NEtFOSAA	125		40-150
STL02395	13C2 4:2 FTS	147		40-165
STL02279	13C2 6:2 FTS	138		40-215
STL02280	13C2 8:2 FTS	127		40-275
STL02255	13C3 HFPO-DA	66.5		40-130
STL02277	d7-N-MeFOSE-M	65.8		20-130
STL02278	d9-N-EtFOSE-M	53.1		15-130
STL02704	d5-NEtPFOSA	57.2		10-130
STL02705	d3-NMePFOSA	67.9		10-130
960315-52-0	13C2 PFDoA	70.4		40-130
STL03731	13C3-PFDoS	62.9		20-150
STL03747	13C3-3:3 FTCA	64.2		20-150
STL03748	13C3-5:3 FTCA	58.4		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2
Lab Sample ID: 480-240098-15

Matrix: Solid
Lab File ID: 26JUL09J-44.d

Analysis Method: 1633A
Date Collected: 07/02/2026 12:50

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.46(g)
Date Analyzed: 07/10/2026 09:32

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.1 % Solids: 84.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.33	J	0.38	0.096
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.47		0.19	0.096
307-24-4	Perfluorohexanoic acid (PFHxA)	0.33		0.19	0.096
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.21		0.19	0.096
335-67-1	Perfluorooctanoic acid (PFOA)	0.71		0.19	0.057
375-95-1	Perfluorononanoic acid (PFNA)	0.31		0.19	0.096
335-76-2	Perfluorodecanoic acid (PFDA)	0.39		0.19	0.057
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.13	J	0.19	0.096
307-55-1	Perfluorododecanoic acid (PFDoA)	0.14	J	0.19	0.096
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.9		0.19	0.096
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2
Lab Sample ID: 480-240098-15

Matrix: Solid
Lab File ID: 26JUL09J-44.d

Analysis Method: 1633A
Date Collected: 07/02/2026 12:50

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.46(g)
Date Analyzed: 07/10/2026 09:32

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.1 % Solids: 84.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.096	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.096	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2
Lab Sample ID: 480-240098-15

Matrix: Solid
Lab File ID: 26JUL09J-44.d

Analysis Method: 1633A
Date Collected: 07/02/2026 12:50

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.46(g)
Date Analyzed: 07/10/2026 09:32

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 15.1 % Solids: 84.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	78.3		8-130
2283397-79-3	13C5 PFPeA	70.9		35-130
2328024-54-8	13C5 PFHxA	71.2		40-130
2328024-55-9	13C4 PFHpA	74.5		40-130
1350614-84-4	13C8 PFOA	68.6		40-130
2283397-80-6	13C9 PFNA	78.7		40-130
2328024-56-0	13C6 PFDA	76.3		40-130
STL02580	13C7 PFUnA	73.8		40-130
STL02116	13C2 PFTeDA	54.3		20-130
2708218-83-9	13C3 PFBS	82.8		40-135
2708218-85-1	13C3 PFHxS	79.7		40-130
2265893-05-6	13C8 PFOS	70.6		40-130
STL01056	13C8 FOSA	73.9		40-130
1400690-70-1	d3-NMeFOSAA	94.6		40-135
1265205-97-7	d5-NEtFOSAA	114		40-150
STL02395	13C2 4:2 FTS	184	*5+	40-165
STL02279	13C2 6:2 FTS	152		40-215
STL02280	13C2 8:2 FTS	128		40-275
STL02255	13C3 HFPO-DA	75.6		40-130
STL02277	d7-N-MeFOSE-M	49.7		20-130
STL02278	d9-N-EtFOSE-M	45.2		15-130
STL02704	d5-NEtPFOSA	56.3		10-130
STL02705	d3-NMePFOSA	67.4		10-130
960315-52-0	13C2 PFDoA	63.7		40-130
STL03731	13C3-PFDoS	58.1		20-150
STL03747	13C3-3:3 FTCA	78.0		20-150
STL03748	13C3-5:3 FTCA	72.4		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16

Matrix: Solid
Lab File ID: 26JUL09J-45.d

Analysis Method: 1633A
Date Collected: 07/02/2026 13:10

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.34(g)
Date Analyzed: 07/10/2026 09:46

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.8 % Solids: 86.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.23	J F2	0.40	0.099
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.18	J	0.20	0.099
307-24-4	Perfluorohexanoic acid (PFHxA)	0.14	J	0.20	0.099
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099
335-67-1	Perfluorooctanoic acid (PFOA)	0.29		0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	0.16	J	0.20	0.099
335-76-2	Perfluorodecanoic acid (PFDA)	0.17	J	0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.66		0.20	0.099
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16

Matrix: Solid
Lab File ID: 26JUL09J-45.d

Analysis Method: 1633A
Date Collected: 07/02/2026 13:10

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.34(g)
Date Analyzed: 07/10/2026 09:46

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.8 % Solids: 86.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.099	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.099	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16

Matrix: Solid
Lab File ID: 26JUL09J-45.d

Analysis Method: 1633A
Date Collected: 07/02/2026 13:10

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.34(g)
Date Analyzed: 07/10/2026 09:46

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 13.8 % Solids: 86.2
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	86.2		8-130
2283397-79-3	13C5 PFPeA	85.6		35-130
2328024-54-8	13C5 PFHxA	84.4		40-130
2328024-55-9	13C4 PFHpA	89.1		40-130
1350614-84-4	13C8 PFOA	85.6		40-130
2283397-80-6	13C9 PFNA	92.6		40-130
2328024-56-0	13C6 PFDA	82.8		40-130
STL02580	13C7 PFUnA	81.3		40-130
STL02116	13C2 PFTeDA	54.1		20-130
2708218-83-9	13C3 PFBS	88.4		40-135
2708218-85-1	13C3 PFHxS	84.7		40-130
2265893-05-6	13C8 PFOS	76.5		40-130
STL01056	13C8 FOSA	77.0		40-130
1400690-70-1	d3-NMeFOSAA	89.0		40-135
1265205-97-7	d5-NEtFOSAA	121		40-150
STL02395	13C2 4:2 FTS	172	*5+	40-165
STL02279	13C2 6:2 FTS	145		40-215
STL02280	13C2 8:2 FTS	120		40-275
STL02255	13C3 HFPO-DA	89.9		40-130
STL02277	d7-N-MeFOSE-M	47.7		20-130
STL02278	d9-N-EtFOSE-M	40.7		15-130
STL02704	d5-NEtPFOSA	61.4		10-130
STL02705	d3-NMePFOSA	75.3		10-130
960315-52-0	13C2 PFDoA	69.2		40-130
STL03731	13C3-PFDoS	56.7		20-150
STL03747	13C3-3:3 FTCA	94.6		20-150
STL03748	13C3-5:3 FTCA	81.9		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17

Matrix: Solid
Lab File ID: 26JUL09J-48.d

Analysis Method: 1633A
Date Collected: 07/02/2026 13:30

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.16(g)
Date Analyzed: 07/10/2026 10:26

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 6.3 % Solids: 93.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.24	J	0.40	0.099
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099
335-67-1	Perfluorooctanoic acid (PFOA)	0.11	J	0.20	0.059
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.20	0.099
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.20	0.059
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.28		0.20	0.099
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17

Matrix: Solid
Lab File ID: 26JUL09J-48.d

Analysis Method: 1633A
Date Collected: 07/02/2026 13:30

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.16(g)
Date Analyzed: 07/10/2026 10:26

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 6.3 % Solids: 93.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.20	0.099	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.20	0.099	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17

Matrix: Solid
Lab File ID: 26JUL09J-48.d

Analysis Method: 1633A
Date Collected: 07/02/2026 13:30

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.16(g)
Date Analyzed: 07/10/2026 10:26

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 6.3 % Solids: 93.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	69.4		8-130
2283397-79-3	13C5 PFPeA	59.5		35-130
2328024-54-8	13C5 PFHxA	61.8		40-130
2328024-55-9	13C4 PFHpA	59.0		40-130
1350614-84-4	13C8 PFOA	48.4		40-130
2283397-80-6	13C9 PFNA	69.4		40-130
2328024-56-0	13C6 PFDA	67.8		40-130
STL02580	13C7 PFUnA	73.3		40-130
STL02116	13C2 PFTeDA	53.3		20-130
2708218-83-9	13C3 PFBS	71.1		40-135
2708218-85-1	13C3 PFHxS	67.7		40-130
2265893-05-6	13C8 PFOS	63.3		40-130
STL01056	13C8 FOSA	64.3		40-130
1400690-70-1	d3-NMeFOSAA	85.4		40-135
1265205-97-7	d5-NEtFOSAA	107		40-150
STL02395	13C2 4:2 FTS	178	*5+	40-165
STL02279	13C2 6:2 FTS	138		40-215
STL02280	13C2 8:2 FTS	122		40-275
STL02255	13C3 HFPO-DA	66.2		40-130
STL02277	d7-N-MeFOSE-M	34.9		20-130
STL02278	d9-N-EtFOSE-M	29.2		15-130
STL02704	d5-NEtPFOSA	51.3		10-130
STL02705	d3-NMePFOSA	57.3		10-130
960315-52-0	13C2 PFDoA	66.1		40-130
STL03731	13C3-PFDoS	52.8		20-150
STL03747	13C3-3:3 FTCA	68.3		20-150
STL03748	13C3-5:3 FTCA	64.4		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18

Matrix: Solid
Lab File ID: 26JUL09J-49.d

Analysis Method: 1633A
Date Collected: 07/02/2026 13:45

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.19(g)
Date Analyzed: 07/10/2026 10:40

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 5.1 % Solids: 94.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.54		0.38	0.096
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.11	J	0.19	0.096
307-24-4	Perfluorohexanoic acid (PFHxA)	0.11	J	0.19	0.096
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.11	J	0.19	0.096
335-67-1	Perfluorooctanoic acid (PFOA)	0.24		0.19	0.058
375-95-1	Perfluorononanoic acid (PFNA)	0.16	J	0.19	0.096
335-76-2	Perfluorodecanoic acid (PFDA)	0.17	J	0.19	0.058
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.19		0.19	0.096
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.78		0.19	0.096
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.19
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.19
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.19
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18

Matrix: Solid
Lab File ID: 26JUL09J-49.d

Analysis Method: 1633A
Date Collected: 07/02/2026 13:45

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.19(g)
Date Analyzed: 07/10/2026 10:40

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 5.1 % Solids: 94.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		0.19	0.096	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		0.19	0.096	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18

Matrix: Solid
Lab File ID: 26JUL09J-49.d

Analysis Method: 1633A
Date Collected: 07/02/2026 13:45

Extraction Method: 1633A
Date Extracted: 07/08/2026 06:00

Sample wt/vol: 2.19(g)
Date Analyzed: 07/10/2026 10:40

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 10(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: 5.1 % Solids: 94.9
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 849056
Units: ng/g

Preparation Batch No.: 847651
Instrument ID: 30637

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	62.6		8-130
2283397-79-3	13C5 PFPeA	51.5		35-130
2328024-54-8	13C5 PFHxA	52.9		40-130
2328024-55-9	13C4 PFHpA	56.4		40-130
1350614-84-4	13C8 PFOA	56.5		40-130
2283397-80-6	13C9 PFNA	72.2		40-130
2328024-56-0	13C6 PFDA	67.0		40-130
STL02580	13C7 PFUnA	68.2		40-130
STL02116	13C2 PFTeDA	66.0		20-130
2708218-83-9	13C3 PFBS	68.4		40-135
2708218-85-1	13C3 PFHxS	65.4		40-130
2265893-05-6	13C8 PFOS	65.9		40-130
STL01056	13C8 FOSA	80.7		40-130
1400690-70-1	d3-NMeFOSAA	119		40-135
1265205-97-7	d5-NEtFOSAA	123		40-150
STL02395	13C2 4:2 FTS	193	*5+	40-165
STL02279	13C2 6:2 FTS	176		40-215
STL02280	13C2 8:2 FTS	148		40-275
STL02255	13C3 HFPO-DA	60.6		40-130
STL02277	d7-N-MeFOSE-M	55.1		20-130
STL02278	d9-N-EtFOSE-M	44.8		15-130
STL02704	d5-NEtPFOSA	51.0		10-130
STL02705	d3-NMePFOSA	64.8		10-130
960315-52-0	13C2 PFDoA	67.5		40-130
STL03731	13C3-PFDoS	59.9		20-150
STL03747	13C3-3:3 FTCA	64.6		20-150
STL03748	13C3-5:3 FTCA	64.4		20-150

METALS

COVER PAGE
METALS

Lab Name: Eurofins Buffalo Job Number: 480-240098-1

SDG No.:

Project: 375 Michigan Remedial Investigation

Client Sample ID	Lab Sample ID
RI-BH-3 0-2	480-240098-10
RI-BH-4 0-2	480-240098-11
RI-BH-9 0-2	480-240098-12
RI-BH-10 0-2	480-240098-13
RI-BH-11 0-2	480-240098-14
RI-BH-1 0-2	480-240098-15
RI-BH-2 0-2	480-240098-16
RI-BH-8 0-2	480-240098-17
RI-BH-12 0-2	480-240098-18

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10
Lab Name: Eurofins Buffalo
Job No.: 480-240098-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/02/2026 11:30
Reporting Basis: DRY
Date Received: 07/02/2026 16:05
Preparation Batch Number: 779959
Instrument ID: ICAP4
% Solids: 88.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	13100	11.6	10	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	17.3	0.61	mg/Kg		^5+	1	6010D	
7440-38-2	Arsenic	6.0	2.3	1.0	mg/Kg		^5+	1	6010D	J
7440-39-3	Barium	116	0.58	0.16	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.60	0.23	0.046	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.65	0.23	0.081	mg/Kg		^5+	1	6010D	J
7440-70-2	Calcium	49500	57.8	31.2	mg/Kg			1	6010D	
7440-47-3	Chromium	19.7	0.58	0.42	mg/Kg			1	6010D	
7440-48-4	Cobalt	7.2	0.58	0.12	mg/Kg		^5+	1	6010D	J
7440-50-8	Copper	31.6	1.2	0.66	mg/Kg		^5+	1	6010D	J
7439-89-6	Iron	15300	11.6	9.8	mg/Kg			1	6010D	
7439-92-1	Lead	291	1.2	0.53	mg/Kg			1	6010D	
7439-95-4	Magnesium	8980	23.1	9.8	mg/Kg			1	6010D	
7439-96-5	Manganese	381	1.2	0.32	mg/Kg		^2	1	6010D	
7440-02-0	Nickel	15.0	5.8	0.29	mg/Kg			1	6010D	
7440-09-7	Potassium	2790	34.7	28.0	mg/Kg		^5+	1	6010D	J
7782-49-2	Selenium	ND	4.6	0.92	mg/Kg		^5+	1	6010D	
7440-22-4	Silver	0.80	0.69	0.23	mg/Kg		^5-	1	6010D	J
7440-23-5	Sodium	178	162	70.9	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.9	0.88	mg/Kg		^5+	1	6010D	
7440-62-2	Vanadium	25.7	0.58	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	218	2.3	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	0.21	0.023	0.0052	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-4 0-2 | Lab Sample ID: 480-240098-11

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/02/2026 11:45

Reporting Basis: DRY | Date Received: 07/02/2026 16:05

Preparation Batch Number: 779959 | Instrument ID: ICAP4

% Solids: 94.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	8860	10.6	9.1	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	15.9	0.56	mg/Kg		^5+	1	6010D	
7440-38-2	Arsenic	3.9	2.1	0.93	mg/Kg		^5+	1	6010D	J
7440-39-3	Barium	60.9	0.53	0.15	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.46	0.21	0.042	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.22	0.21	0.074	mg/Kg		^5+	1	6010D	J
7440-70-2	Calcium	149000	265	143	mg/Kg			5	6010D	
7440-47-3	Chromium	12.0	0.53	0.38	mg/Kg			1	6010D	
7440-48-4	Cobalt	5.1	0.53	0.11	mg/Kg		^5+	1	6010D	J
7440-50-8	Copper	14.8	1.1	0.60	mg/Kg		^5+	1	6010D	J
7439-89-6	Iron	10800	10.6	9.0	mg/Kg			1	6010D	
7439-92-1	Lead	70.8	1.1	0.49	mg/Kg			1	6010D	
7439-95-4	Magnesium	13300	21.2	9.0	mg/Kg			1	6010D	
7439-96-5	Manganese	259	1.1	0.30	mg/Kg		^2	1	6010D	
7440-02-0	Nickel	12.9	5.3	0.27	mg/Kg			1	6010D	
7440-09-7	Potassium	2500	31.8	25.7	mg/Kg		^5+	1	6010D	J
7782-49-2	Selenium	ND	4.2	0.85	mg/Kg		^5+	1	6010D	
7440-22-4	Silver	0.30	0.64	0.21	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	164	148	65.0	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.4	0.81	mg/Kg		^5+	1	6010D	
7440-62-2	Vanadium	20.1	0.53	0.14	mg/Kg			1	6010D	
7440-66-6	Zinc	81.0	2.1	1.1	mg/Kg			1	6010D	
7439-97-6	Mercury	0.11	0.022	0.0051	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-9 0-2 | Lab Sample ID: 480-240098-12

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/02/2026 11:55

Reporting Basis: DRY | Date Received: 07/02/2026 16:05

Preparation Batch Number: 779959 | Instrument ID: ICAP4

% Solids: 91.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	14100	11.1	9.5	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	16.6	0.59	mg/Kg		^5+	1	6010D	
7440-38-2	Arsenic	5.5	2.2	0.97	mg/Kg		^5+	1	6010D	J
7440-39-3	Barium	108	0.55	0.15	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.89	0.22	0.044	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.39	0.22	0.077	mg/Kg		^5+	1	6010D	J
7440-70-2	Calcium	65800	55.3	29.9	mg/Kg			1	6010D	
7440-47-3	Chromium	17.3	0.55	0.40	mg/Kg			1	6010D	
7440-48-4	Cobalt	7.2	0.55	0.11	mg/Kg		^5+	1	6010D	J
7440-50-8	Copper	18.7	1.1	0.63	mg/Kg		^5+	1	6010D	J
7439-89-6	Iron	16300	11.1	9.4	mg/Kg			1	6010D	
7439-92-1	Lead	130	1.1	0.51	mg/Kg			1	6010D	
7439-95-4	Magnesium	17900	22.1	9.4	mg/Kg			1	6010D	
7439-96-5	Manganese	523	1.1	0.31	mg/Kg		^2	1	6010D	
7440-02-0	Nickel	14.7	5.5	0.28	mg/Kg			1	6010D	
7440-09-7	Potassium	3160	33.2	26.8	mg/Kg		^5+	1	6010D	J
7782-49-2	Selenium	ND	4.4	0.89	mg/Kg		^5+	1	6010D	
7440-22-4	Silver	0.43	0.66	0.22	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	212	155	67.9	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.6	0.84	mg/Kg		^5+	1	6010D	
7440-62-2	Vanadium	26.0	0.55	0.14	mg/Kg			1	6010D	
7440-66-6	Zinc	129	2.2	1.1	mg/Kg			1	6010D	
7439-97-6	Mercury	0.14	0.021	0.0048	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-10 0-2 | Lab Sample ID: 480-240098-13

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/02/2026 12:15

Reporting Basis: DRY | Date Received: 07/02/2026 16:05

Preparation Batch Number: 779959 | Instrument ID: ICAP4

% Solids: 81.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	16100	12.5	10.7	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	18.7	0.66	mg/Kg		^5+	1	6010D	
7440-38-2	Arsenic	5.6	2.5	1.1	mg/Kg		^5+	1	6010D	J
7440-39-3	Barium	110	0.62	0.17	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.71	0.25	0.050	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.34	0.25	0.087	mg/Kg		^5+	1	6010D	J
7440-70-2	Calcium	79200	62.3	33.6	mg/Kg			1	6010D	
7440-47-3	Chromium	20.7	0.62	0.45	mg/Kg			1	6010D	
7440-48-4	Cobalt	9.3	0.62	0.12	mg/Kg		^5+	1	6010D	J
7440-50-8	Copper	20.4	1.2	0.71	mg/Kg		^5+	1	6010D	J
7439-89-6	Iron	18600	12.5	10.6	mg/Kg			1	6010D	
7439-92-1	Lead	148	1.2	0.57	mg/Kg			1	6010D	
7439-95-4	Magnesium	10800	24.9	10.6	mg/Kg			1	6010D	
7439-96-5	Manganese	347	1.2	0.35	mg/Kg		^2	1	6010D	
7440-02-0	Nickel	18.9	6.2	0.31	mg/Kg			1	6010D	
7440-09-7	Potassium	4410	37.4	30.2	mg/Kg		^5+	1	6010D	J
7782-49-2	Selenium	ND	5.0	1.0	mg/Kg		^5+	1	6010D	
7440-22-4	Silver	0.43	0.75	0.25	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	217	174	76.4	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	7.5	0.95	mg/Kg		^5+	1	6010D	
7440-62-2	Vanadium	30.9	0.62	0.16	mg/Kg			1	6010D	
7440-66-6	Zinc	125	2.5	1.3	mg/Kg			1	6010D	
7439-97-6	Mercury	0.21	0.023	0.0054	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-11 0-2 | Lab Sample ID: 480-240098-14

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/02/2026 12:30

Reporting Basis: DRY | Date Received: 07/02/2026 16:05

Preparation Batch Number: 779959 | Instrument ID: ICAP4

% Solids: 91.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	12900	11.0	9.5	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	16.5	0.58	mg/Kg		^5+	1	6010D	
7440-38-2	Arsenic	5.6	2.2	0.97	mg/Kg		^5+	1	6010D	J
7440-39-3	Barium	106	0.55	0.15	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.59	0.22	0.044	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.42	0.22	0.077	mg/Kg		^5+	1	6010D	J
7440-70-2	Calcium	101000	275	148	mg/Kg			5	6010D	
7440-47-3	Chromium	16.6	0.55	0.40	mg/Kg			1	6010D	
7440-48-4	Cobalt	7.3	0.55	0.11	mg/Kg		^5+	1	6010D	J
7440-50-8	Copper	22.8	1.1	0.63	mg/Kg		^5+	1	6010D	J
7439-89-6	Iron	15400	11.0	9.3	mg/Kg			1	6010D	
7439-92-1	Lead	234	1.1	0.51	mg/Kg			1	6010D	
7439-95-4	Magnesium	15700	22.0	9.3	mg/Kg			1	6010D	
7439-96-5	Manganese	325	1.1	0.31	mg/Kg		^2	1	6010D	
7440-02-0	Nickel	15.4	5.5	0.27	mg/Kg			1	6010D	
7440-09-7	Potassium	3550	33.0	26.6	mg/Kg		^5+	1	6010D	J
7782-49-2	Selenium	ND	4.4	0.88	mg/Kg		^5+	1	6010D	
7440-22-4	Silver	0.38	0.66	0.22	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	187	154	67.4	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.6	0.84	mg/Kg		^5+	1	6010D	
7440-62-2	Vanadium	27.0	0.55	0.14	mg/Kg			1	6010D	
7440-66-6	Zinc	155	2.2	1.1	mg/Kg			1	6010D	
7439-97-6	Mercury	0.30	0.021	0.0048	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-1 0-2
Lab Sample ID: 480-240098-15
Lab Name: Eurofins Buffalo
Job No.: 480-240098-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/02/2026 12:50
Reporting Basis: DRY
Date Received: 07/02/2026 16:05
Preparation Batch Number: 779959
Instrument ID: ICAP4
% Solids: 84.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	13700	11.5	9.9	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	17.2	0.61	mg/Kg		^5+	1	6010D	
7440-38-2	Arsenic	4.7	2.3	1.0	mg/Kg		^5+	1	6010D	J
7440-39-3	Barium	94.8	0.57	0.16	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.60	0.23	0.046	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.45	0.23	0.080	mg/Kg		^5+	1	6010D	J
7440-70-2	Calcium	18600	57.4	31.0	mg/Kg			1	6010D	
7440-47-3	Chromium	18.2	0.57	0.41	mg/Kg			1	6010D	
7440-48-4	Cobalt	7.0	0.57	0.11	mg/Kg		^5+	1	6010D	J
7440-50-8	Copper	20.4	1.1	0.65	mg/Kg		^5+	1	6010D	J
7439-89-6	Iron	16000	11.5	9.7	mg/Kg			1	6010D	
7439-92-1	Lead	117	1.1	0.53	mg/Kg			1	6010D	
7439-95-4	Magnesium	7590	23.0	9.7	mg/Kg			1	6010D	
7439-96-5	Manganese	318	1.1	0.32	mg/Kg		^2	1	6010D	
7440-02-0	Nickel	14.3	5.7	0.29	mg/Kg			1	6010D	
7440-09-7	Potassium	2630	34.5	27.8	mg/Kg		^5+	1	6010D	J
7782-49-2	Selenium	ND	4.6	0.92	mg/Kg		^5+	1	6010D	
7440-22-4	Silver	0.39	0.69	0.23	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	175	161	70.4	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.9	0.87	mg/Kg		^5+	1	6010D	
7440-62-2	Vanadium	26.0	0.57	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	197	2.3	1.2	mg/Kg			1	6010D	
7439-97-6	Mercury	0.13	0.024	0.0055	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-2 0-2 | Lab Sample ID: 480-240098-16

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/02/2026 13:10

Reporting Basis: DRY | Date Received: 07/02/2026 16:05

Preparation Batch Number: 779959 | Instrument ID: ICAP4

% Solids: 86.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	13500	11.2	9.6	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	16.8	0.59	mg/Kg		^5+	1	6010D	
7440-38-2	Arsenic	3.2	2.2	0.99	mg/Kg		^5+	1	6010D	J
7440-39-3	Barium	75.7	0.56	0.16	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.53	0.22	0.045	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.42	0.22	0.078	mg/Kg		^5+	1	6010D	J
7440-70-2	Calcium	17900	56.0	30.2	mg/Kg			1	6010D	
7440-47-3	Chromium	16.2	0.56	0.40	mg/Kg			1	6010D	
7440-48-4	Cobalt	6.7	0.56	0.11	mg/Kg		^5+	1	6010D	J
7440-50-8	Copper	16.5	1.1	0.64	mg/Kg		^5+	1	6010D	J
7439-89-6	Iron	14900	11.2	9.5	mg/Kg			1	6010D	
7439-92-1	Lead	28.1	1.1	0.51	mg/Kg			1	6010D	
7439-95-4	Magnesium	7440	22.4	9.5	mg/Kg			1	6010D	
7439-96-5	Manganese	342	1.1	0.31	mg/Kg		^2	1	6010D	
7440-02-0	Nickel	13.0	5.6	0.28	mg/Kg			1	6010D	
7440-09-7	Potassium	2260	33.6	27.1	mg/Kg		^5+	1	6010D	J
7782-49-2	Selenium	ND	4.5	0.90	mg/Kg		^5+	1	6010D	
7440-22-4	Silver	0.31	0.67	0.22	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	135	157	68.6	mg/Kg	J		1	6010D	
7440-28-0	Thallium	ND	6.7	0.85	mg/Kg		^5+	1	6010D	
7440-62-2	Vanadium	25.5	0.56	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	130	2.2	1.1	mg/Kg			1	6010D	
7439-97-6	Mercury	0.044	0.024	0.0056	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-8 0-2 | Lab Sample ID: 480-240098-17

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/02/2026 13:30

Reporting Basis: DRY | Date Received: 07/02/2026 16:05

Preparation Batch Number: 779959 | Instrument ID: ICAP4

% Solids: 93.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	7150	11.3	9.7	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	16.9	0.60	mg/Kg		^5+	1	6010D	
7440-38-2	Arsenic	4.0	2.3	0.99	mg/Kg		^5+	1	6010D	J
7440-39-3	Barium	57.6	0.56	0.16	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.41	0.23	0.045	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.30	0.23	0.079	mg/Kg		^5+	1	6010D	J
7440-70-2	Calcium	77100	56.3	30.4	mg/Kg			1	6010D	
7440-47-3	Chromium	12.9	0.56	0.41	mg/Kg			1	6010D	
7440-48-4	Cobalt	4.1	0.56	0.11	mg/Kg		^5+	1	6010D	J
7440-50-8	Copper	16.5	1.1	0.64	mg/Kg		^5+	1	6010D	J
7439-89-6	Iron	10100	11.3	9.6	mg/Kg			1	6010D	
7439-92-1	Lead	133	1.1	0.52	mg/Kg			1	6010D	
7439-95-4	Magnesium	13000	22.5	9.6	mg/Kg			1	6010D	
7439-96-5	Manganese	247	1.1	0.32	mg/Kg		^2	1	6010D	
7440-02-0	Nickel	11.0	5.6	0.28	mg/Kg			1	6010D	
7440-09-7	Potassium	2090	33.8	27.3	mg/Kg		^5+	1	6010D	J
7782-49-2	Selenium	ND	4.5	0.90	mg/Kg		^5+	1	6010D	
7440-22-4	Silver	0.33	0.68	0.23	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	210	158	69.1	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.8	0.86	mg/Kg		^5+	1	6010D	
7440-62-2	Vanadium	16.6	0.56	0.15	mg/Kg			1	6010D	
7440-66-6	Zinc	153	2.3	1.1	mg/Kg			1	6010D	
7439-97-6	Mercury	0.14	0.020	0.0047	mg/Kg			1	7471B	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-BH-12 0-2 | Lab Sample ID: 480-240098-18

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG ID.:

Matrix: Solid | Date Sampled: 07/02/2026 13:45

Reporting Basis: DRY | Date Received: 07/02/2026 16:05

Preparation Batch Number: 779959 | Instrument ID: ICAP4

% Solids: 94.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	11100	10.5	9.1	mg/Kg			1	6010D	
7440-36-0	Antimony	ND	15.8	0.56	mg/Kg		^5+	1	6010D	
7440-38-2	Arsenic	6.4	2.1	0.93	mg/Kg		^5+	1	6010D	J
7440-39-3	Barium	146	0.53	0.15	mg/Kg			1	6010D	
7440-41-7	Beryllium	0.57	0.21	0.042	mg/Kg			1	6010D	
7440-43-9	Cadmium	0.59	0.21	0.074	mg/Kg		^5+	1	6010D	J
7440-70-2	Calcium	67900	52.7	28.5	mg/Kg			1	6010D	
7440-47-3	Chromium	18.5	0.53	0.38	mg/Kg			1	6010D	
7440-48-4	Cobalt	5.8	0.53	0.11	mg/Kg		^5+	1	6010D	J
7440-50-8	Copper	26.3	1.1	0.60	mg/Kg		^5+	1	6010D	J
7439-89-6	Iron	13800	10.5	8.9	mg/Kg			1	6010D	
7439-92-1	Lead	378	1.1	0.49	mg/Kg			1	6010D	
7439-95-4	Magnesium	15700	21.1	8.9	mg/Kg			1	6010D	
7439-96-5	Manganese	334	1.1	0.30	mg/Kg		^2	1	6010D	
7440-02-0	Nickel	14.5	5.3	0.26	mg/Kg			1	6010D	
7440-09-7	Potassium	2560	31.6	25.6	mg/Kg		^5+	1	6010D	J
7782-49-2	Selenium	ND	4.2	0.84	mg/Kg		^5+	1	6010D	
7440-22-4	Silver	0.42	0.63	0.21	mg/Kg	J	^5-	1	6010D	J
7440-23-5	Sodium	230	148	64.7	mg/Kg			1	6010D	
7440-28-0	Thallium	ND	6.3	0.80	mg/Kg		^5+	1	6010D	
7440-62-2	Vanadium	24.5	0.53	0.14	mg/Kg			1	6010D	
7440-66-6	Zinc	242	2.1	1.1	mg/Kg			1	6010D	
7439-97-6	Mercury	0.44	0.020	0.0047	mg/Kg			1	7471B	

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GENERAL CHEMISTRY

No data validation qualifieres were added

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COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job Number: 480-240098-1

SDG No.:

Project: 375 Michigan Remedial Investigation

Client Sample ID	Lab Sample ID
RI-BH-3 0-2	480-240098-10
RI-BH-4 0-2	480-240098-11
RI-BH-9 0-2	480-240098-12
RI-BH-10 0-2	480-240098-13
RI-BH-11 0-2	480-240098-14
RI-BH-1 0-2	480-240098-15
RI-BH-2 0-2	480-240098-16
RI-BH-8 0-2	480-240098-17
RI-BH-12 0-2	480-240098-18

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-3 0-2
Lab Sample ID: 480-240098-10
Lab Name: Eurofins Buffalo
Job No.: 480-240098-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/02/2026 11:30
Reporting Basis: DRY
Date Received: 07/02/2026 16:05
Preparation Batch Number: 780193
Instrument ID: SEAL 1
% Solids: 88.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	2.5	1.1	0.54	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-4 0-2
Lab Sample ID: 480-240098-11
Lab Name: Eurofins Buffalo
Job No.: 480-240098-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/02/2026 11:45
Reporting Basis: DRY
Date Received: 07/02/2026 16:05
Preparation Batch Number: 780193
Instrument ID: SEAL 1
% Solids: 94.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	2.8	0.95	0.46	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-9 0-2
Lab Sample ID: 480-240098-12
Lab Name: Eurofins Buffalo
Job No.: 480-240098-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/02/2026 11:55
Reporting Basis: DRY
Date Received: 07/02/2026 16:05
Preparation Batch Number: 780193
Instrument ID: SEAL 1
% Solids: 91.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	2.5	1.0	0.50	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-10 0-2
Lab Sample ID: 480-240098-13
Lab Name: Eurofins Buffalo
Job No.: 480-240098-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/02/2026 12:15
Reporting Basis: DRY
Date Received: 07/02/2026 16:05
Preparation Batch Number: 780193
Instrument ID: SEAL 1
% Solids: 81.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	1.2	0.59	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-11 0-2
Lab Sample ID: 480-240098-14
Lab Name: Eurofins Buffalo
Job No.: 480-240098-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/02/2026 12:30
Reporting Basis: DRY
Date Received: 07/02/2026 16:05
Preparation Batch Number: 780193
Instrument ID: SEAL 1
% Solids: 91.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	1.5	1.0	0.50	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-1 0-2
Lab Sample ID: 480-240098-15
Lab Name: Eurofins Buffalo
Job No.: 480-240098-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/02/2026 12:50
Reporting Basis: DRY
Date Received: 07/02/2026 16:05
Preparation Batch Number: 780193
Instrument ID: SEAL 1
% Solids: 84.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	3.1	1.0	0.50	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-2 0-2
Lab Sample ID: 480-240098-16
Lab Name: Eurofins Buffalo
Job No.: 480-240098-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/02/2026 13:10
Reporting Basis: DRY
Date Received: 07/02/2026 16:05
Preparation Batch Number: 780193
Instrument ID: SEAL 1
% Solids: 86.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	3.1	1.1	0.56	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-8 0-2
Lab Sample ID: 480-240098-17
Lab Name: Eurofins Buffalo
Job No.: 480-240098-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/02/2026 13:30
Reporting Basis: DRY
Date Received: 07/02/2026 16:05
Preparation Batch Number: 780193
Instrument ID: SEAL 1
% Solids: 93.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	1.7	1.0	0.49	mg/Kg			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-BH-12 0-2
Lab Sample ID: 480-240098-18
Lab Name: Eurofins Buffalo
Job No.: 480-240098-1
SDG ID.:
Matrix: Solid
Date Sampled: 07/02/2026 13:45
Reporting Basis: DRY
Date Received: 07/02/2026 16:05
Preparation Batch Number: 780193
Instrument ID: SEAL 1
% Solids: 94.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	2.2	1.0	0.49	mg/Kg			1	9012B

General Chemistry Raw Data Report

Job ID: 480-240098-1

Batch: 779953 **Analyst Initials: JLS**

Method: Moisture **Instrument: No Equipment Used for this Test**

Lab Sample ID: 480-240098-B-10 **Analysis Date: Jul 06, 2026 13:40**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	11.8764845605701	%
Percent Solids	None	1	88.1235154394299	%

Lab Sample ID: 480-240098-B-11 **Analysis Date: Jul 06, 2026 13:40**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	5.27903469079941	%
Percent Solids	None	1	94.7209653092006	%

Lab Sample ID: 480-240098-B-12 **Analysis Date: Jul 06, 2026 13:40**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	8.35913312693501	%
Percent Solids	None	1	91.640866873065	%

Lab Sample ID: 480-240098-B-13 **Analysis Date: Jul 06, 2026 13:40**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	18.2905982905983	%
Percent Solids	None	1	81.7094017094017	%

Lab Sample ID: 480-240098-B-14 **Analysis Date: Jul 06, 2026 13:40**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	8.06845965770169	%
Percent Solids	None	1	91.9315403422983	%

Lab Sample ID: 480-240098-B-15 **Analysis Date: Jul 06, 2026 13:40**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	15.0943396226415	%
Percent Solids	None	1	84.9056603773585	%

Lab Sample ID: 480-240098-B-16 **Analysis Date: Jul 06, 2026 13:40**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	13.8028169014084	%
Percent Solids	None	1	86.1971830985916	%

Lab Sample ID: 480-240098-B-17 **Analysis Date: Jul 06, 2026 13:40**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	6.3348416289593	%
Percent Solids	None	1	93.6651583710407	%

Lab Sample ID: 480-240098-B-18 **Analysis Date: Jul 06, 2026 13:40**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	5.0754458161866	%
Percent Solids	None	1	94.9245541838134	%

Shipping and Receiving Documents

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214744-42931.3
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 3 of 5
Company: Brydges Engineering in Environment & Energy DPC	PWS:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI - Soil	Project #: 48030331			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	6010D, 7471B, 9012B	8081B, 8082A, 8270E	8260D TCL VOCs + TICs (ML Bulk)	480-240098 Chain of Custody	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N			Other
RI-BH-3 0-2	7-2	11 30		Solid			X	X	X	X			
RI-BH-4 0-2	7 2	11 45		Solid									
RI-BH-9 0 2	7-2	11 55		Solid									
RI-BH-10 0 2	7-2	12 15		Solid									
RI-BH-11 0 2	7-2	12 30		Solid									
RI-BH-1 0-2	7-2	12 50		Solid									
RI-BH-2 0 2	7 2	1 10		Solid									
RI-BH-8 0-2	7-2	1 30		Solid									
RI-BH-12 0-2	7-2	1 45		Solid									
				Solid									
				Solid									

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	William Lockhart	7-2-26 / 4 00	BE3		7-2-26 1605	ET
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4 | IR#5C1 Ice

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99359.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240098-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/16/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RI-BH-3 0-2 (480-240098-10)	7/2/26	11:30 Eastern	G	Solid			X	1	
RI-BH-4 0-2 (480-240098-11)	7/2/26	11:45 Eastern	G	Solid			X	1	
RI-BH-9 0-2 (480-240098-12)	7/2/26	11:55 Eastern	G	Solid			X	1	
RI-BH-10 0-2 (480-240098-13)	7/2/26	12:15 Eastern	G	Solid			X	1	
RI-BH-11 0-2 (480-240098-14)	7/2/26	12:30 Eastern	G	Solid			X	1	
RI-BH-1 0-2 (480-240098-15)	7/2/26	12:50 Eastern	G	Solid			X	1	
RI-BH-2 0-2 (480-240098-16)	7/2/26	13:10 Eastern	G	Solid			X	1	
RI-BH-8 0-2 (480-240098-17)	7/2/26	13:30 Eastern	G	Solid			X	1	
RI-BH-12 0-2 (480-240098-18)	7/2/26	13:45 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[illegible]	7-6-24 1600				
2						
3				Hazel Taylor	7/7/26 1030	BLET

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R:0.4 C:0.6

AW

Appendix B

Laboratory QC Documentation

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02452.D

Lab ID: LCS 480-779978/1-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	50.0	57.5	115	77-121	
1,1,2,2-Tetrachloroethane	50.0	41.4	83	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.3	109	60-140	
1,1,2-Trichloroethane	50.0	44.8	90	78-122	
1,1-Dichloroethane	50.0	56.7	113	73-126	
1,1-Dichloroethene	50.0	53.8	108	59-125	
1,2,4-Trichlorobenzene	50.0	39.6	79	64-120	
1,2-Dibromo-3-Chloropropane	50.0	43.2	86	63-124	
1,2-Dichlorobenzene	50.0	39.4	79	75-120	
1,2-Dichloroethane	50.0	55.7	111	77-122	
1,2-Dichloropropane	50.0	56.8	114	75-124	
1,3-Dichlorobenzene	50.0	39.7	79	74-120	
1,4-Dichlorobenzene	50.0	39.0	78	73-120	
2-Butanone (MEK)	250	341	136	70-134	*+
2-Hexanone	250	247	99	59-130	
4-Methyl-2-pentanone (MIBK)	250	240	96	65-133	
Acetone	250	350	140	61-137	*+
Benzene	50.0	55.9	112	79-127	
Bromoform	50.0	49.7	99	68-126	
Bromomethane	50.0	60.0	120	37-149	
Carbon disulfide	50.0	54.4	109	64-131	
Carbon tetrachloride	50.0	59.8	120	75-135	
Chlorobenzene	50.0	43.2	86	76-124	
Dibromochloromethane	50.0	47.4	95	76-125	
Chloroethane	50.0	59.4	119	69-135	
Chloroform	50.0	52.4	105	80-120	
Chloromethane	50.0	65.9	132	63-127	*+
cis-1,2-Dichloroethene	50.0	55.2	110	81-120	
Cyclohexane	50.0	58.6	117	65-120	
Bromodichloromethane	50.0	56.8	114	80-122	
Dichlorodifluoromethane	50.0	67.6	135	57-142	
Ethylbenzene	50.0	43.2	86	80-120	
1,2-Dibromoethane	50.0	44.6	89	78-120	
Isopropylbenzene	50.0	41.1	82	72-120	
Methyl acetate	100	115	115	55-136	
Methyl tert-butyl ether	50.0	53.4	107	63-125	
Methylcyclohexane	50.0	55.9	112	60-140	
Methylene Chloride	50.0	58.2	116	61-127	
Tetrachloroethene	50.0	42.9	86	74-122	
Toluene	50.0	43.3	87	74-128	
trans-1,2-Dichloroethene	50.0	55.2	110	78-126	

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02470.D

Lab ID: 480-240098-18 MS Client ID: RI-BH-12 0-2 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	52.5	ND	52.1	99	77-121	vs
1,1,2,2-Tetrachloroethane	52.5	ND	28.9	55	80-120	F1 vs
1,1,2-Trichloro-1,2,2-trifluoroethane	52.5	ND	45.8	87	60-140	vs
1,1,2-Trichloroethane	52.5	ND	39.2	75	78-122	F1 vs
1,1-Dichloroethane	52.5	ND	59.2	113	73-126	vs
1,1-Dichloroethene	52.5	ND	51.7	98	59-125	vs
1,2,4-Trichlorobenzene	52.5	ND	11.3	22	64-120	F1 vs
1,2-Dibromo-3-Chloropropane	52.5	ND	21.5	41	63-124	F1 vs
1,2-Dichlorobenzene	52.5	ND	22.6	43	75-120	F1 vs
1,2-Dichloroethane	52.5	ND	54.0	103	77-122	vs
1,2-Dichloropropane	52.5	ND	59.1	113	75-124	vs
1,3-Dichlorobenzene	52.5	ND	23.0	44	74-120	F1 vs
1,4-Dichlorobenzene	52.5	ND	22.7	43	73-120	F1 vs
2-Butanone (MEK)	262	ND	176	67	70-134	F1 vs
2-Hexanone	262	ND	104	40	59-130	F1 vs
4-Methyl-2-pentanone (MIBK)	262	ND	154	59	65-133	F1 vs
Acetone	262	ND	195	74	61-137	vs
Benzene	52.5	ND	54.8	104	79-127	vs
Bromoform	52.5	ND	32.8	62	68-126	F1 vs
Bromomethane	52.5	ND	49.1	94	37-149	vs
Carbon disulfide	52.5	ND	46.3	88	64-131	vs
Carbon tetrachloride	52.5	ND	48.8	93	75-135	vs
Chlorobenzene	52.5	ND	35.6	68	76-124	F1 vs
Dibromochloromethane	52.5	ND	39.1	75	76-125	F1 vs
Chloroethane	52.5	ND	63.6	121	69-135	vs
Chloroform	52.5	1.0 J	55.3	104	80-120	vs
Chloromethane	52.5	ND	71.8	137	63-127	F1 vs
cis-1,2-Dichloroethene	52.5	ND	55.8	106	80-120	vs
Cyclohexane	52.5	ND	39.2	75	65-120	vs
Bromodichloromethane	52.5	ND	54.0	103	80-122	vs
Dichlorodifluoromethane	52.5	ND	68.4	130	57-142	vs
Ethylbenzene	52.5	ND	33.9	65	80-120	F1 vs
1,2-Dibromoethane	52.5	ND	33.9	65	78-120	F1 vs
Isopropylbenzene	52.5	ND	27.5	52	72-120	F1 vs
Methyl acetate	105	ND	33.1	32	55-136	F1 vs
Methyl tert-butyl ether	52.5	ND	52.3	100	63-125	vs
Methylcyclohexane	52.5	ND	28.6	54	60-140	F1 vs
Methylene Chloride	52.5	ND	63.3	121	61-127	vs
Tetrachloroethene	52.5	ND	31.3	60	74-122	F1 vs
Toluene	52.5	ND	39.3	75	74-128	vs
trans-1,2-Dichloroethene	52.5	ND	54.3	103	78-126	vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02470.D

Lab ID: 480-240098-18 MS Client ID: RI-BH-12 0-2 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	52.5	ND	33.6	64	73-123	F1 vs
Trichloroethene	52.5	ND	49.1	94	77-129	vs
Trichlorofluoromethane	52.5	ND	53.5	102	65-146	vs
Vinyl chloride	52.5	ND	64.4	123	61-133	vs
cis-1,3-Dichloropropene	52.5	ND	41.7	79	80-120	F1 vs
Styrene	52.5	ND	32.3	61	80-120	F1 vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02471.D

Lab ID: 480-240098-18 MSD Client ID: RI-BH-12 0-2 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	51.4	43.9	85	17	30	77-121	vs
1,1,2,2-Tetrachloroethane	51.4	24.4	47	17	30	80-120	F1 vs
1,1,2-Trichloro-1,2,2-trifluoroethane	51.4	37.5	73	20	30	60-140	vs
1,1,2-Trichloroethane	51.4	34.0	66	14	30	78-122	F1 vs
1,1-Dichloroethane	51.4	51.9	101	13	30	73-126	vs
1,1-Dichloroethene	51.4	43.1	84	18	30	59-125	vs
1,2,4-Trichlorobenzene	51.4	8.03	16	34	30	64-120	F2 F1 vs
1,2-Dibromo-3-Chloropropane	51.4	18.6	36	14	30	63-124	F1 vs
1,2-Dichlorobenzene	51.4	17.2	33	27	30	75-120	F1 vs
1,2-Dichloroethane	51.4	46.6	91	15	30	77-122	vs
1,2-Dichloropropane	51.4	49.5	96	18	30	75-124	vs
1,3-Dichlorobenzene	51.4	17.6	34	27	30	74-120	F1 vs
1,4-Dichlorobenzene	51.4	17.2	33	28	30	73-120	F1 vs
2-Butanone (MEK)	257	156	61	12	30	70-134	F1 vs
2-Hexanone	257	88.9	35	16	30	59-130	F1 vs
4-Methyl-2-pentanone (MIBK)	257	137	53	12	30	65-133	F1 vs
Acetone	257	175	68	11	30	61-137	vs
Benzene	51.4	45.8	89	18	30	79-127	vs
Bromoform	51.4	27.2	53	19	30	68-126	F1 vs
Bromomethane	51.4	40.5	79	19	30	37-149	vs
Carbon disulfide	51.4	38.9	76	17	30	64-131	vs
Carbon tetrachloride	51.4	40.3	78	19	30	75-135	vs
Chlorobenzene	51.4	28.3	55	23	30	76-124	F1 vs
Dibromochloromethane	51.4	33.1	64	17	30	76-125	F1 vs
Chloroethane	51.4	56.0	109	13	30	69-135	vs
Chloroform	51.4	47.9	91	15	30	80-120	vs
Chloromethane	51.4	61.6	120	15	30	63-127	vs
cis-1,2-Dichloroethene	51.4	48.7	95	14	30	80-120	vs
Cyclohexane	51.4	31.6	61	22	30	65-120	F1 vs
Bromodichloromethane	51.4	45.4	88	17	30	80-122	vs
Dichlorodifluoromethane	51.4	59.3	115	14	30	57-142	vs
Ethylbenzene	51.4	26.6	52	24	30	80-120	F1 vs
1,2-Dibromoethane	51.4	28.2	55	18	30	78-120	F1 vs
Isopropylbenzene	51.4	21.0	41	27	30	72-120	F1 vs
Methyl acetate	103	25.8 J	25	25	30	55-136	F1 vs
Methyl tert-butyl ether	51.4	48.1	93	8	30	63-125	vs
Methylcyclohexane	51.4	21.2	41	30	30	60-140	F1 vs
Methylene Chloride	51.4	57.4	112	10	30	61-127	vs
Tetrachloroethene	51.4	23.5	46	29	30	74-122	F1 vs
Toluene	51.4	32.0	62	20	30	74-128	F1 vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M02471.D

Lab ID: 480-240098-18 MSD Client ID: RI-BH-12 0-2 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
trans-1,2-Dichloroethene	51.4	45.1	88	18	30	78-126	vs
trans-1,3-Dichloropropene	51.4	27.5	53	20	30	73-123	F1 vs
Trichloroethene	51.4	39.5	77	22	30	77-129	vs
Trichlorofluoromethane	51.4	45.4	88	16	30	65-146	vs
Vinyl chloride	51.4	55.5	108	15	30	61-133	vs
cis-1,3-Dichloropropene	51.4	33.5	65	22	30	80-120	F1 vs
Styrene	51.4	25.5	49	24	30	80-120	F1 vs

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Lab Sample ID: CCVIS 480-779982/4 Calibration Date: 07/06/2026 19:53

Instrument ID: HP5977M Calib Start Date: 05/29/2026 00:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/29/2026 02:23

Lab File ID: M02450.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D	
Dichlorodifluoromethane	Ave	1.437	2.348	0.1000	81.7	50.0	63.0*	50.0	
Chloromethane	Ave	2.376	3.589	0.1000	75.5	50.0	51.0*	20.0	
Vinyl chloride	Ave	1.969	2.944	0.1000	74.7	50.0	49.0*	20.0	
Butadiene	Ave	2.049	3.319		81.0	50.0	62.0*	20.0	NT
Bromomethane	Ave	1.003	1.338	0.1000	66.7	50.0	33.0	50.0	
Chloroethane	Ave	1.100	1.529	0.1000	69.5	50.0	39.0	50.0	
Trichlorofluoromethane	Ave	1.822	2.551	0.1000	70.0	50.0	40.0*	20.0	
Ethyl ether	Ave	1.328	1.585		59.7	50.0	19.0	20.0	
Acrolein	Ave	0.1214	0.1268		261	250	4.0	50.0	
1,1-Dichloroethene	Ave	0.9688	1.219	0.1000	62.9	50.0	26.0*	20.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.247	1.610	0.1000	64.5	50.0	29.0*	20.0	
Acetone	Ave	0.5276	0.7282	0.1000	345	250	38.0	50.0	
Iodomethane	Ave	2.010	2.367		58.9	50.0	18.0	20.0	
Carbon disulfide	Ave	3.840	4.823	0.1000	62.8	50.0	26.0*	20.0	
3-Chloro-1-propene	Ave	2.301	3.092		67.2	50.0	34.0*	20.0	NT
Methyl acetate	Ave	1.169	1.384	0.1000	118	100	18.0	50.0	
Methylene Chloride	Lin1		1.582	0.1000	63.6	50.0	27.0*	20.0	
2-Methyl-2-propanol	Ave	0.1661	0.2126		640	500	28.0	50.0	
Methyl tert-butyl ether	Ave	3.628	3.979	0.1000	54.8	50.0	10.0	20.0	
trans-1,2-Dichloroethene	Ave	1.204	1.491	0.1000	61.9	50.0	24.0*	20.0	
Acrylonitrile	Ave	0.7026	0.7889		561	500	12.0	20.0	
Hexane	Ave	2.535	3.422		67.5	50.0	35.0*	20.0	NT
1,1-Dichloroethane	Ave	2.689	3.387	0.2000	63.0	50.0	26.0*	20.0	
Vinyl acetate	Ave	2.492	3.238		130	100	30.0*	20.0	NT
2,2-Dichloropropane	Ave	1.404	1.647		58.7	50.0	17.0	20.0	
cis-1,2-Dichloroethene	Ave	1.314	1.570	0.1000	59.8	50.0	20.0	20.0	
2-Butanone (MEK)	Ave	0.7170	0.9783	0.1000	341	250	36.0*	20.0	
Chlorobromomethane	Ave	0.6739	0.7683		57.0	50.0	14.0	20.0	
Tetrahydrofuran	Ave	0.4702	0.5567		118	100	18.0	20.0	
Chloroform	Ave	2.317	2.662	0.2000	57.4	50.0	15.0	20.0	
Cyclohexane	Ave	3.201	4.408	0.1000	68.8	50.0	38.0*	20.0	
1,1,1-Trichloroethane	Ave	1.724	2.249	0.1000	65.2	50.0	30.0*	20.0	
Carbon tetrachloride	Ave	1.364	1.843	0.1000	67.6	50.0	35.0*	20.0	
1,1-Dichloropropene	Ave	1.545	2.039		66.0	50.0	32.0*	20.0	NT
Benzene	Ave	4.533	5.590	0.5000	61.7	50.0	23.0*	20.0	
Isobutyl alcohol	Ave	0.0517	0.0653		1580	1250	26.0	50.0	
1,2-Dichloroethane	Ave	2.016	2.390	0.1000	59.3	50.0	19.0	20.0	
n-Heptane	Ave	2.417	3.415		70.6	50.0	41.0*	20.0	NT
Trichloroethene	Ave	1.182	1.507	0.2000	63.8	50.0	28.0*	20.0	
Methylcyclohexane	Ave	2.151	2.796	0.1000	65.0	50.0	30.0*	20.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Lab Sample ID: CCVIS 480-779982/4 Calibration Date: 07/06/2026 19:53

Instrument ID: HP5977M Calib Start Date: 05/29/2026 00:01

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 05/29/2026 02:23

Lab File ID: M02450.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	1.473	1.831	0.1000	62.1	50.0	24.0*	20.0
Dibromomethane	Ave	0.7518	0.8609	0.1000	57.3	50.0	15.0	20.0
1,4-Dioxane	Ave	0.0072	0.0062		866	1000	-13.0	50.0
Bromodichloromethane	Ave	1.502	1.827	0.2000	60.8	50.0	22.0*	20.0
2-Chloroethyl vinyl ether	Ave	0.7885	0.9825		62.3	50.0	25.0*	20.0
cis-1,3-Dichloropropene	Ave	1.660	2.085	0.2000	62.8	50.0	26.0*	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.8030	0.7932	0.1000	247	250	-1.0	20.0
Toluene	Ave	1.381	1.391	0.4000	50.4	50.0	1.0	20.0
trans-1,3-Dichloropropene	Ave	0.7058	0.6973	0.1000	49.4	50.0	-1.0	20.0
Ethyl methacrylate	Ave	0.6704	0.6225		46.4	50.0	-7.0	20.0
1,1,2-Trichloroethane	Ave	0.4187	0.3962	0.1000	47.3	50.0	-5.0	20.0
Tetrachloroethene	Ave	0.5651	0.5750	0.2000	50.9	50.0	2.0	20.0
1,3-Dichloropropane	Ave	0.8308	0.7811		47.0	50.0	-6.0	20.0
2-Hexanone	Ave	0.5305	0.5539	0.1000	261	250	4.0	20.0
Dibromochloromethane	Ave	0.5087	0.5233	0.1000	51.4	50.0	3.0	20.0
1,2-Dibromoethane	Ave	0.4902	0.4522		46.1	50.0	-8.0	20.0
Chlorobenzene	Ave	1.561	1.516	0.5000	48.6	50.0	-3.0	20.0
Ethylbenzene	Ave	2.685	2.715	0.1000	50.6	50.0	1.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5258	0.5407		51.4	50.0	3.0	20.0
m-Xylene & p-Xylene	Ave	1.038	1.025	0.1000	49.4	50.0	-1.0	20.0
o-Xylene	Ave	1.064	1.037	0.3000	48.7	50.0	-3.0	20.0
Styrene	Ave	1.702	1.651	0.3000	48.5	50.0	-3.0	20.0
Bromoform	Ave	0.3066	0.3135	0.1000	51.1	50.0	2.0	50.0
Isopropylbenzene	Ave	2.806	2.664	0.1000	47.5	50.0	-5.0	20.0
Bromobenzene	Ave	0.6840	0.5994		43.8	50.0	-12.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7551	0.6459	0.3000	42.8	50.0	-14.0	20.0
N-Propylbenzene	Ave	3.349	3.194		47.7	50.0	-5.0	20.0
1,2,3-Trichloropropane	Ave	0.2407	0.1991		41.3	50.0	-17.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2725	0.2519		46.2	50.0	-8.0	50.0
2-Chlorotoluene	Ave	0.6672	0.6180		46.3	50.0	-7.0	20.0
1,3,5-Trimethylbenzene	Ave	2.434	2.270		46.6	50.0	-7.0	20.0
4-Chlorotoluene	Ave	0.6833	0.6145		45.0	50.0	-10.0	20.0
tert-Butylbenzene	Ave	0.5051	0.4845		48.0	50.0	-4.0	20.0
1,2,4-Trimethylbenzene	Ave	2.551	2.311		45.3	50.0	-9.0	20.0
sec-Butylbenzene	Ave	3.103	3.002		48.4	50.0	-3.0	20.0
1,3-Dichlorobenzene	Ave	1.338	1.181	0.6000	44.1	50.0	-12.0	20.0
4-Isopropyltoluene	Ave	2.704	2.566		47.4	50.0	-5.0	20.0
1,4-Dichlorobenzene	Ave	1.368	1.176	0.5000	43.0	50.0	-14.0	20.0
n-Butylbenzene	Ave	2.533	2.418		47.7	50.0	-5.0	20.0
1,2-Dichlorobenzene	Ave	1.354	1.147	0.4000	42.3	50.0	-15.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1393	0.1195	0.0500	42.9	50.0	-14.0	50.0

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-779978/2-A

Matrix: Solid | Lab File ID: M02454.D

Analysis Method: EPA 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 07/06/2026 21:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (30) VOA ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 779982 | Units: ug/Kg

Preparation Batch No.: 779978 | Instrument ID: HP5977M

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	0.36
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	0.81
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	0.65
75-34-3	1,1-Dichloroethane	ND		5.0	0.61
75-35-4	1,1-Dichloroethene	ND		5.0	0.61
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	0.30
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.5
95-50-1	1,2-Dichlorobenzene	ND		5.0	0.39
107-06-2	1,2-Dichloroethane	ND		5.0	0.25
78-87-5	1,2-Dichloropropane	ND		5.0	2.5
541-73-1	1,3-Dichlorobenzene	ND		5.0	0.26
106-46-7	1,4-Dichlorobenzene	ND		5.0	0.70
78-93-3	2-Butanone (MEK)	ND		25	1.8
591-78-6	2-Hexanone	ND		25	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	1.6
67-64-1	Acetone	ND		25	4.2
71-43-2	Benzene	ND		5.0	0.25
75-25-2	Bromoform	ND		5.0	2.5
74-83-9	Bromomethane	ND		5.0	0.45
75-15-0	Carbon disulfide	ND		5.0	2.5
56-23-5	Carbon tetrachloride	ND		5.0	0.48
108-90-7	Chlorobenzene	ND		5.0	0.66
124-48-1	Dibromochloromethane	ND		5.0	0.64
75-00-3	Chloroethane	ND		5.0	1.1
67-66-3	Chloroform	1.02	J	5.0	0.31
74-87-3	Chloromethane	ND		5.0	0.30
156-59-2	cis-1,2-Dichloroethene	ND		5.0	0.64
110-82-7	Cyclohexane	ND		5.0	0.70
75-27-4	Bromodichloromethane	ND		5.0	0.67
75-71-8	Dichlorodifluoromethane	ND		5.0	0.41
100-41-4	Ethylbenzene	ND		5.0	0.35

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Lab Sample ID: CCVIS 480-780139/2 Calibration Date: 07/08/2026 23:11

Instrument ID: HP5973V Calib Start Date: 06/09/2026 10:36

GC Column: RXI-5Sil MS ID: 0.25(mm) Calib End Date: 06/09/2026 13:37

Lab File ID: V31750262.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6968	0.7747	0.0100	44500	40000	11.0	20.0
N-Nitrosodimethylamine	Ave	1.034	1.045	0.0100	40400	40000	1.0	50.0
Pyridine	Lin2		1.236	0.0100	79100	80000	-1.0	50.0
Benzaldehyde	Ave	1.132	0.8321	0.0100	29400	40000	-27.0	50.0
Aniline	Ave	2.486	2.383	0.0100	38300	40000	-4.0	20.0
Phenol	Ave	2.135	2.099	0.8000	39300	40000	-2.0	20.0
Bis(2-chloroethyl)ether	Ave	1.599	1.573	0.7000	39300	40000	-2.0	20.0
2-Chlorophenol	Ave	1.567	1.583	0.8000	40400	40000	1.0	20.0
n-Decane	Ave	1.889	2.001	0.0100	42400	40000	6.0	20.0
1,3-Dichlorobenzene	Ave	1.692	1.711	0.0100	40500	40000	1.0	20.0
1,4-Dichlorobenzene	Ave	1.721	1.709	0.0100	39700	40000	-1.0	20.0
Benzyl alcohol	Lin2		0.9703	0.0100	38200	40000	-4.0	20.0
1,2-Dichlorobenzene	Ave	1.600	1.587	0.0100	39700	40000	-1.0	20.0
Indene	Ave	0.6781	0.7289	0.0100	258000	240000	7.0	20.0
2-Methylphenol	Ave	1.415	1.340	0.7000	37900	40000	-5.0	20.0
bis (2-chloroisopropyl) ether	Ave	2.183	2.033	0.0100	37300	40000	-7.0	20.0
Acetophenone	Ave	2.059	1.936	0.0100	37600	40000	-6.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.123	1.052	0.5000	37500	40000	-6.0	20.0
4-Methylphenol	Ave	1.466	1.383	0.6000	37700	40000	-6.0	20.0
Hexachloroethane	Ave	0.6822	0.6990	0.3000	41000	40000	2.0	20.0
Nitrobenzene	Ave	0.4101	0.4499	0.2000	43900	40000	10.0	20.0
Isophorone	Lin2		0.7980	0.4000	41700	40000	4.0	20.0
2-Nitrophenol	Lin2		0.2147	0.1000	47500	40000	19.0	20.0
2,4-Dimethylphenol	Ave	0.3864	0.4030	0.2000	41700	40000	4.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.4765	0.4850	0.2400	40700	40000	2.0	20.0
2,4-Dichlorophenol	Lin2		0.3166	0.2000	40600	40000	1.0	20.0
Benzoic acid	Lin2		0.2748	0.0100	276000	240000	15.0	50.0
1,2,4-Trichlorobenzene	Ave	0.3523	0.3671	0.0100	41700	40000	4.0	20.0
Naphthalene	Ave	1.158	1.177	0.7000	40600	40000	2.0	20.0
4-Chloroaniline	Lin2		0.5060	0.0100	41200	40000	3.0	20.0
2,6-Dichlorophenol	Lin2		0.3107	0.0100	40500	40000	1.0	20.0
Hexachlorobutadiene	Ave	0.2031	0.2099	0.0100	41300	40000	3.0	20.0
Caprolactam	Lin2		0.1310	0.0100	48000	40000	20.0	50.0
4-Chloro-3-methylphenol	Lin2		0.3382	0.2000	42200	40000	6.0	20.0
2-Methylnaphthalene	Ave	0.7092	0.7341	0.4000	41400	40000	4.0	20.0
1-Methylnaphthalene	Ave	0.6720	0.7048	0.0100	42000	40000	5.0	20.0
Hexachlorocyclopentadiene	Lin2		0.3054	0.0500	27700	40000	-31.0*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6299	0.6168	0.0100	39200	40000	-2.0	20.0
2,4,6-Trichlorophenol	Lin2		0.4010	0.2000	41500	40000	4.0	20.0
2,4,5-Trichlorophenol	Lin2		0.4390	0.2000	41700	40000	4.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Lab Sample ID: CCVIS 480-780139/2 Calibration Date: 07/08/2026 23:11

Instrument ID: HP5973V Calib Start Date: 06/09/2026 10:36

GC Column: RXI-5Sil MS ID: 0.25(mm) Calib End Date: 06/09/2026 13:37

Lab File ID: V31750262.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D	
Biphenyl	Ave	1.712	1.698	0.0100	39700	40000	-1.0	20.0	
2-Chloronaphthalene	Ave	1.285	1.290	0.8000	40200	40000	0.0	20.0	
2-Nitroaniline	Lin2		0.4407	0.0100	44600	40000	12.0	20.0	
Dimethyl phthalate	Lin2		1.488	0.0100	42900	40000	7.0	20.0	
1,3-Dinitrobenzene	Lin2		0.1397	0.0100	52000	40000	30.0*	20.0	NT
2,6-Dinitrotoluene	Lin2		0.3437	0.2000	45700	40000	14.0	20.0	
Acenaphthylene	Lin2		2.071	0.9000	41600	40000	4.0	20.0	
3-Nitroaniline	Lin2		0.4187	0.0100	47600	40000	19.0	20.0	
Acenaphthene	Ave	1.311	1.337	0.9000	40800	40000	2.0	20.0	
2,4-Dinitrophenol	Lin1		0.2196	0.0100	120000	80000	50.0*	20.0	
4-Nitrophenol	Lin2		0.2432	0.0100	101000	80000	27.0*	20.0	
2,4-Dinitrotoluene	Lin2		0.5006	0.2000	50100	40000	25.0*	20.0	
Dibenzofuran	Ave	1.764	1.852	0.8000	42000	40000	5.0	20.0	
2,3,4,6-Tetrachlorophenol	Lin2		0.3871	0.0100	48400	40000	21.0*	20.0	NT
Diethyl phthalate	Lin2		1.533	0.0100	45400	40000	14.0	20.0	
Hexadecane	Lin2		0.9848	0.0100	39700	40000	-1.0	20.0	
Fluorene	Ave	1.431	1.596	0.9000	44600	40000	11.0	20.0	
4-Chlorophenyl phenyl ether	Ave	0.6907	0.7359	0.4000	42600	40000	7.0	20.0	
4-Nitroaniline	Lin2		0.4365	0.0100	48500	40000	21.0*	20.0	
4,6-Dinitro-2-methylphenol	Lin1		0.1642	0.0100	106000	80000	32.0*	20.0	
Diphenylamine	Ave	0.7318	0.7057	0.0100	33000	34200	-4.0	20.0	
N-Nitrosodiphenylamine	Ave	0.6257	0.6034	0.0100	38600	40000	-4.0	20.0	
1,2-Diphenylhydrazine	Lin2		1.726	0.0100	44000	40000	10.0	20.0	
Azobenzene	Ave	0.9407	0.9002	0.0100	38300	40000	-4.0	20.0	
4-Bromophenyl phenyl ether	Ave	0.2466	0.2398	0.1000	38900	40000	-3.0	20.0	
Hexachlorobenzene	Ave	0.2780	0.2727	0.1000	39200	40000	-2.0	20.0	
Atrazine	Lin2		0.4254	0.0100	49000	40000	22.0*	20.0	
Pentachlorophenol	Lin2		0.1839	0.0500	89500	80000	12.0	20.0	
n-Octadecane	Lin2		0.5412	0.0100	35900	40000	-10.0	20.0	
Phenanthrene	Ave	1.287	1.313	0.7000	40800	40000	2.0	20.0	
Anthracene	Lin2		1.356	0.7000	41800	40000	4.0	20.0	
Carbazole	Ave	1.133	1.241	0.0100	43800	40000	9.0	20.0	
Di-n-butyl phthalate	Lin2		1.463	0.0100	43100	40000	8.0	20.0	
Fluoranthene	Lin2		1.539	0.6000	46200	40000	15.0	20.0	
Benzidine	Lin2		1.013	0.0100	74800	80000	-6.0	50.0	
Pyrene	Ave	1.492	1.409	0.6000	37800	40000	-6.0	20.0	
Butyl benzyl phthalate	Lin2		0.6014	0.0100	39000	40000	-2.0	20.0	
3,3'-Dichlorobenzidine	Lin2		0.6929	0.0100	87700	80000	10.0	50.0	
Benzo[a]anthracene	Ave	1.470	1.554	0.8000	42300	40000	6.0	20.0	
Bis(2-ethylhexyl) phthalate	Lin2		0.8800	0.0100	39100	40000	-2.0	20.0	
Chrysene	Ave	1.435	1.454	0.7000	40500	40000	1.0	20.0	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240098-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-780015/1-A

Matrix: Solid | Lab File ID: V31750264.d

Analysis Method: EPA 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 07/07/2026 09:03

Sample wt/vol: 15(g) | Date Analyzed: 07/08/2026 23:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780139 | Units: ug/Kg

Preparation Batch No.: 780015 | Instrument ID: HP5973V

Number TICs Found: 2 | TIC Result Total: 11206

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
141-79-7	3-Penten-2-one, 4-methyl-	2.80	506	T J N	94
	Unknown	3.50	10700	T J	

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-3 0-2 Lab Sample ID: 480-240098-10

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/06/2026 15:04 Date Analyzed (2): 07/06/2026 15:04

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.89	2.84	2.90	14		11.9
	2		3.25	3.23	3.29	13		
gamma-BHC (Lindane)	1		3.12	3.10	3.16	18		102.8
	2		3.58	3.57	3.63	56		
delta-BHC	1		3.35	3.32	3.38	15		3.3
	2		3.94	3.94	4.00	15		
4,4'-DDT	1		5.63	5.61	5.67	44		77.1
	2		6.46	6.43	6.49	19		
Methoxychlor	1		6.12	6.11	6.17	22		151.4
	2		7.14	7.13	7.19	160		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-1 0-2 Lab Sample ID: 480-240098-15

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/06/2026 16:23 Date Analyzed (2): 07/06/2026 16:23

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDT	1		5.63	5.61	5.67	36		65.2
	2		6.45	6.43	6.49	18		
Methoxychlor	1		6.12	6.11	6.17	19		22.7
	2		7.14	7.13	7.19	24		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Client Sample ID: RI-BH-2 0-2 Lab Sample ID: 480-240098-16

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/06/2026 16:42 Date Analyzed (2): 07/06/2026 16:42

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Methoxychlor	1		6.12	6.11	6.17	21		51.6
	2		7.14	7.13	7.19	36		

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Lab Sample ID: ICV 480-778736/20 Calibration Date: 06/19/2026 18:59

Instrument ID: HP6890-5 Calib Start Date: 06/19/2026 17:21

GC Column: RTX-CLPI ID: 0.53(mm) Calib End Date: 06/19/2026 18:40

Lab File ID: 5_89418.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		0.0295		0.281	0.500	-44.0*	20.0
Toxaphene Peak 2	Lin1		0.0742		0.489	0.500	-2.0	20.0
Toxaphene Peak 3	Lin1		0.0385		0.499	0.500	0.0	20.0
Toxaphene Peak 4	Lin1		0.0221		0.310	0.500	-38.0*	20.0
Toxaphene Peak 5	Lin1		0.0483		0.653	0.500	31.0*	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

SDG No.:

Lab Sample ID: ICV 480-778736/20 Calibration Date: 06/19/2026 18:59

Instrument ID: HP6890-5 Calib Start Date: 06/19/2026 17:21

GC Column: RTX-CLPII ID: 0.53(mm) Calib End Date: 06/19/2026 18:40

Lab File ID: 5_89418.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		0.0197		0.414	0.500	-17.0	20.0
Toxaphene Peak 2	Lin1		0.0171		0.267	0.500	-47.0*	20.0
Toxaphene Peak 3	Lin1		0.0437		0.403	0.500	-19.0	20.0
Toxaphene Peak 4	Lin1		0.0333		0.500	0.500	0.0	20.0
Toxaphene Peak 5	Lin1		0.0373		0.646	0.500	29.0*	20.0

FORM II
PFAS SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240098-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Gemini C18 5 ID: 3 (mm)

Client Sample ID	Lab Sample ID	PFBA	C3-3:3 FTC(#	PFPeA #	M242FTS #	13C5PHA #	C3-5:3 FTC(#	C3PFBS #	HFPODA #
RI-BH-3 0-2	480-240098-10	76.2	80.5	69.5	180 *5+	72.0	71.8	80.4	73.1
RI-BH-4 0-2	480-240098-11	71.2	77.5	57.9	204 *5+	61.6	81.4	74.9	66.8
RI-BH-9 0-2	480-240098-12	67.2	63.1	61.5	144	62.8	57.1	66.7	64.6
RI-BH-10 0-2	480-240098-13	107	112	101	254 *5+	104	103	104	107
RI-BH-11 0-2	480-240098-14	61.5	64.2	55.2	147	58.4	58.4	63.9	66.5
RI-BH-1 0-2	480-240098-15	78.3	78.0	70.9	184 *5+	71.2	72.4	82.8	75.6
RI-BH-2 0-2	480-240098-16	86.2	94.6	85.6	172 *5+	84.4	81.9	88.4	89.9
RI-BH-8 0-2	480-240098-17	69.4	68.3	59.5	178 *5+	61.8	64.4	71.1	66.2
RI-BH-12 0-2	480-240098-18	62.6	64.6	51.5	193 *5+	52.9	64.4	68.4	60.6
	MB 410-847651/1-A	62.9	72.8	63.6	68.7	64.0	59.4	65.8	60.6
	LCS 410-847651/2-A	76.8	85.9	79.0	83.4	76.6	71.7	82.3	77.9
	LLCS 410-847651/3-A	81.1	98.3	89.3	92.2	89.8	84.1	87.1	83.8
RI-BH-2 0-2 MS	480-240098-16 MS	66.2	70.4	61.6	151	61.7	64.9	70.8	71.2
RI-BH-2 0-2 MSD	480-240098-16 MSD	70.9	79.1	66.3	171 *5+	68.4	74.2	73.7	73.7

	QC LIMITS
PFBA = 13C4 PFBA	8-130
C3-3:3 FTCA = 13C3-3:3 FTCA	20-150
PFPeA = 13C5 PFPeA	35-130
M242FTS = 13C2 4:2 FTS	40-165
13C5PHA = 13C5 PFHxA	40-130
C3-5:3 FTCA = 13C3-5:3 FTCA	20-150
C3PFBS = 13C3 PFBS	40-135
HFPODA = 13C3 HFPO-DA	40-130

Column to be used to flag recovery values

FORM II 1633A

FORM II
PFAS SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240098-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Gemini C18 5 ID: 3 (mm)

Client Sample ID	Lab Sample ID	C4PFHA #	M262FTS #	C8PFOA #	C3PFHS #	C9PFNA #	M282FTS #	d3NMFOS #	C6PFDA #
RI-BH-3 0-2	480-240098-10	73.9	150	80.9	78.6	84.3	133	105	81.5
RI-BH-4 0-2	480-240098-11	59.1	176	64.2	72.7	78.6	166	125	79.7
RI-BH-9 0-2	480-240098-12	65.1	131	61.4	65.5	72.4	114	87.3	69.3
RI-BH-10 0-2	480-240098-13	106	233 *5+	110	104	114	196	144 *5+	108
RI-BH-11 0-2	480-240098-14	62.2	138	58.5	63.4	70.5	127	93.9	68.6
RI-BH-1 0-2	480-240098-15	74.5	152	68.6	79.7	78.7	128	94.6	76.3
RI-BH-2 0-2	480-240098-16	89.1	145	85.6	84.7	92.6	120	89.0	82.8
RI-BH-8 0-2	480-240098-17	59.0	138	48.4	67.7	69.4	122	85.4	67.8
RI-BH-12 0-2	480-240098-18	56.4	176	56.5	65.4	72.2	148	119	67.0
	MB 410-847651/1-A	62.5	68.2	54.6	66.5	68.5	65.7	57.6	65.7
	LCS 410-847651/2-A	78.3	84.5	77.1	79.3	74.2	74.6	60.2	68.8
	LLCS 410-847651/3-A	91.0	94.6	81.0	83.8	87.1	82.4	65.2	80.6
RI-BH-2 0-2 MS	480-240098-16 MS	66.2	121	54.3	70.1	72.7	106	81.8	66.9
RI-BH-2 0-2 MSD	480-240098-16 MSD	68.1	139	69.1	72.3	82.1	131	105	79.9

	QC LIMITS
C4PFHA = 13C4 PFHpA	40-130
M262FTS = 13C2 6:2 FTS	40-215
C8PFOA = 13C8 PFOA	40-130
C3PFHS = 13C3 PFHxS	40-130
C9PFNA = 13C9 PFNA	40-130
M282FTS = 13C2 8:2 FTS	40-275
d3NMFOS = d3-NMeFOSAA	40-135
C6PFDA = 13C6 PFDA	40-130

Column to be used to flag recovery values

FORM II 1633A

FORM II
PFAS SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240098-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Gemini C18 5 ID: 3 (mm)

Client Sample ID	Lab Sample ID	d5NEFOS #	C8PFOS #	13C7PUA #	PFDoA #	PFOSA #	PFTDA #	#	NMFM #
RI-BH-3 0-2	480-240098-10	135	70.6	81.8	70.6	83.6	64.2	59.6	51.4
RI-BH-4 0-2	480-240098-11	136	72.5	81.4	74.7	90.3	77.5	68.1	56.6
RI-BH-9 0-2	480-240098-12	112	60.0	71.5	62.4	76.8	60.9	54.9	43.0
RI-BH-10 0-2	480-240098-13	174 *5-	100	110	104	123	85.3	78.1	54.4
RI-BH-11 0-2	480-240098-14	125	63.2	72.3	70.4	75.1	66.2	62.9	65.8
RI-BH-1 0-2	480-240098-15	114	70.6	73.8	63.7	73.9	54.3	58.1	49.7
RI-BH-2 0-2	480-240098-16	121	76.5	81.3	69.2	77.0	54.1	56.7	47.7
RI-BH-8 0-2	480-240098-17	107	63.3	73.3	66.1	64.3	53.3	52.8	34.9
RI-BH-12 0-2	480-240098-18	123	65.9	68.2	67.5	80.7	66.0	59.9	55.1
	MB 410-847651/1-A	103	67.8	70.3	62.5	56.7	60.7	59.5	43.2
	LCS 410-847651/2-A	101	71.3	71.3	64.6	62.1	57.1	58.7	38.9
	LLCS 410-847651/3-A	130	78.6	79.2	71.5	71.2	64.8	66.1	43.2
RI-BH-2 0-2 MS	480-240098-16 MS	111	65.9	73.1	69.5	71.2	61.1	62.4	52.8
RI-BH-2 0-2 MSD	480-240098-16 MSD	139	71.4	80.1	73.7	73.3	65.5	61.3	44.0

	QC LIMITS
d5NEFOS = d5-NEtFOSAA	40-150
C8PFOS = 13C8 PFOS	40-130
13C7PUA = 13C7 PFUnA	40-130
PFDoA = 13C2 PFDoA	40-130
PFOSA = 13C8 FOSA	40-130
PFTDA = 13C2 PFTeDA	20-130
= 13C3-PFDoS	20-150
NMFM = d7-N-MeFOSE-M	20-130

Column to be used to flag recovery values

FORM II 1633A

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 480-780074/20

Lab Name: Eurofins Buffalo Job No.: 480-240098-1

Sample Matrix: LCS Source: LRC_00028

Analyte	(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	600	651.8		109	90	110		6010D
Antimony	5.00	5.81		116	90	110	^5+	6010D
Arsenic	5.00	6.10		122	90	110	^5+	6010D
Barium	20.0	21.85		109	90	110		6010D
Beryllium	25.0	24.94		100	90	110		6010D
Cadmium	5.00	5.90		118	90	110	^5+	6010D
Calcium	700	677.2		97	90	110		6010D
Chromium	10.0	10.10		101	90	110		6010D
Cobalt	20.0	22.28		111	90	110	^5+	6010D
Copper	8.00	9.82		123	90	110	^5+	6010D
Iron	600	595.4		99	90	110		6010D
Magnesium	400	441.6		110	90	110		6010D
Manganese	40.0	39.06		98	90	110		6010D
Nickel	10.0	10.58		106	90	110		6010D
Potassium	500	564.9		113	90	110	^5+	6010D
Selenium	40.0	48.92		122	90	110	^5+	6010D
Silver	3.00	0.641		21	90	110	^5-	6010D
Sodium	806	846.6		105	90	110		6010D
Sodium	806	870.4		108	90	110		6010D
Thallium	20.0	23.09		115	90	110	^5+	6010D
Vanadium	5.00	5.17		103	90	110		6010D
Zinc	20.0	20.95		105	90	110		6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240170-1

SDG No.:

Client Sample ID: RI-VP-3 Lab Sample ID: 480-240170-10

Matrix: Air Lab File ID: 5L10X31.D

Analysis Method: TO 15 LL Date Collected: 07/02/2026 02:15

Sample wt/vol: 200(mL) Date Analyzed: 07/11/2026 00:51

Soil Aliquot Vol: Dilution Factor: 40

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 849369 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-47-6	o-Xylene	106.17	ND		8.0	2.1
135-98-8	sec-Butylbenzene	134.22	ND		8.0	1.8
100-42-5	Styrene	104.15	ND		8.0	4.8
75-65-0	tert-Butyl alcohol	74.12	8.7	J	20	8.4
98-06-6	tert-Butylbenzene	134.22	ND		8.0	1.9
127-18-4	Tetrachloroethene	165.83	ND		8.0	1.5
109-99-9	Tetrahydrofuran	72.11	ND		40	9.6
108-88-3	Toluene	92.14	ND		8.0	4.8
156-60-5	trans-1,2-Dichloroethene	96.94	ND		8.0	4.8
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		8.0	4.8
79-01-6	Trichloroethene	131.39	ND		1.5	0.84
75-69-4	Trichlorofluoromethane	137.37	ND		8.0	6.1
75-01-4	Vinyl chloride	62.50	ND		3.1	1.6

Shipping and Receiving Documents

480-240170 Chain of Custody

Summa Canister Field Test Data/Chain of Custody

Lancaster Laboratories Environmental

For Eurofins Lancaster Laboratories Environmental use only

Acct. # _____ Group # _____ Sample # _____ Bottle Order (SCR) # 214747

Client Information

Client: ~~[redacted]~~ BE3 Account #:

Project Name/#: 375 Michigan

Project Manager: P.O. #:

Sampler: WG Quote #:

Name of state where samples were collected:

Turnaround Time Requested (TAT) (circle one)

Standard Rush (specify) _____

Data Package Required? Yes No

EDD Required? Yes No

	Temperature (F) Start	Temperature (F) Stop	Pressure ("Hg) Start	Pressure ("Hg) Stop
Ambient				
Maximum				
Minimum				

Analyses Requested

EPA TO - 15; EPA 18 ☐ MTBE ☐ BTEX; EPA 25 (select range below); Helium as tracer; O2/CO2; Library Search

Sample Identification	Start Date/Time (24-hour clock)	Stop Date/Time (24-hour clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (mL/min)
RI-VP-1	7-1 /3:10	7-2 /3:10	-29.0	-4.0			4733	3503	6	3.7
~~RI-VP-1~~ RI-VP-1	7-1 /2:30	7-2 /2:30	-00.0	0.00			7623	4837	6	3.6
RI-VP-7	7-1 /2:35	7-2 /2:40	-28.0	-16.0			A437006	4807	6	3.7
RI-IA-1	7-1 /2:05	7-2 /2:10	-28.0	-4.0			A594007	1995	6	3.6
RI-VP-5	7-1 /2:45	7-2 /2:45	-30.0	-2.0			4938	340006?4	6	3.7
RI-VP-2	7-1 /2:20	7-2 /2:25	-28.0	-4.0			A578012	4787	6	3.6
RI-SS-1	7-1 /2:00	7-2 /2:10	-28.0	-3.0			A592005	4427	6	3.6
RI-VP-4	7-1 /2:15	7-2 /2:20	-29.0	-2.0			A564020	1975	6	3.5
RI-VP-6	7-1 /3:00	7-2 /3:00	-29.0	-2.0			A861024	505	6	3.7
RI-VP-3	7-1 /2:10	7-2 /2:15	-29.0	-2.0			A579023	2883	6	3.5

Instructions/QC Requirements & Comments

EPA 25 (check one) ☐ C1 - C4 ☐ C2 - C10 ☐ C1 - C10 ☐ C4 - C10 (GRO) ☐ C2 - C4

	Date/Time		Date/Time		Date/Time		Date/Time
Canisters Shipped by: 2B123548	3:16 6/19/26	Canisters Received by:		Relinquished by:		Received by:	
Relinquished by: Paul	7/2 5:45	Received by:		Relinquished by:		Received by:	
Relinquished by:		Received by:		Relinquished by:		Received by: 7/7/26 1030 elle	

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300

The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client.

Received unchilled

7056 1015

07/20/2026

Appendix B

Laboratory QC Documentation

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240170-1 Analy Batch No.: 783897

SDG No.:

Instrument ID: HP22820 GC Column: DB-624 30m ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2026 09:17 Calibration End Date: 03/17/2026 12:44 Calibration ID: 83414

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
1,1,1-Trichloroethane	+++++ 3.6242	4.8480 3.5504	4.6350 3.9864	4.8980 3.9212	4.2859 3.9255	Ave		4.1861				12.1		30.0			
Cyclohexane	+++++ 2.3360	3.3657 2.3151	3.0739 2.5965	3.2053 2.5534	2.9908 2.5985	Ave		2.7817				13.8		30.0			
Carbon tetrachloride	6.1987 3.7895	5.2279 3.7740	4.7382 4.2753	5.0454 4.2108	4.3857 4.2617	Ave		4.5907				16.1		30.0			
Benzene	+++++ 1.1653	1.7882 1.1147	1.4148 1.3146	1.5838 1.2754	1.3757 1.2931	Ave		1.3695				15.2		30.0			
1,2-Dichloroethane	0.7883 0.4568	0.5868 0.4499	0.5193 0.5179	0.5930 0.5062	0.5309 0.5135	Ave		0.5462				17.7		30.0			
2,2,4-Trimethylpentane	+++++ 1.4094	1.4867 1.3937	1.7253 1.5903	1.9627 1.5618	1.7468 1.6156	Ave		1.6102				11.2		30.0			
n-Heptane	+++++ 0.4308	+++++ 0.4210	0.5527 0.4809	0.5711 0.4685	0.5257 0.4790	Ave		0.4912				11.1		30.0			
Trichloroethene	0.9621 0.6111	0.7309 0.5932	0.6589 0.6883	0.7656 0.6782	0.6873 0.6884	Ave		0.7064				14.6		30.0			
1,2-Dichloropropane	0.7520 0.4205	0.5356 0.4093	0.5028 0.4748	0.5388 0.4650	0.4964 0.4775	Ave		0.5073				18.9		30.0			
Methyl methacrylate	+++++ 0.4393	0.6553 0.4333	0.5996 0.4992	0.5782 0.4883	0.5052 0.5038	Ave		0.5225				14.2		30.0			
1,4-Dioxane	+++++ 0.2761	+++++ 0.2775	0.6180 0.3203	0.3412 0.3115	0.3255 0.3208	Ave		0.3489				31.8	*	30.0			
Bromodichloromethane	1.5490 0.8575	1.5866 0.8342	1.0713 0.9696	1.1722 0.9584	1.0018 0.9658	Ave		1.0966				24.3		30.0			
cis-1,3-Dichloropropene	1.0046 0.7689	0.9064 0.7510	0.8429 0.8768	0.9835 0.8593	0.9002 0.8849	Ave		0.8779				9.2		30.0			
4-Methyl-2-pentanone (Methyl isobutyl ketone)	+++++ 0.7063	+++++ 0.6938	1.1993 0.7992	0.9709 0.7797	0.8627 0.7922	Ave		0.8505				19.5		30.0			
Toluene	2.6515 1.5699	2.3095 1.4705	1.8013 1.7494	2.0379 1.6692	1.8421 1.6382	Ave		1.8740				19.5		30.0			
trans-1,3-Dichloropropene	0.7379 0.6152	0.7408 0.5830	0.6825 0.7045	0.7575 0.6803	0.6852 0.6821	Ave		0.6869				7.9		30.0			
1,1,2-Trichloroethane	+++++ 0.5306	0.7355 0.5104	0.6147 0.6029	0.7093 0.5774	0.6412 0.5804	Ave		0.6114				12.2		30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240170-1 Analy Batch No.: 828948

SDG No.:

Instrument ID: HP53055 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2026 20:58 Calibration End Date: 06/04/2026 00:30 Calibration ID: 86932

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	0.9029 0.9067	0.5946 0.9084	0.8151 1.0206	0.6375 0.9847	0.7571	Ave		0.8364				17.7		30.0			
sec-Butylbenzene	0.9547 1.3427	0.8423 1.3286	1.2355 1.4571	0.9316 1.3806	1.1071	Ave		1.1756				19.0		30.0			
4-Isopropyltoluene	+++++ 1.1427	0.7731 1.1320	0.9521 1.2648	0.7162 1.2105	0.8913	Ave		1.0103				20.4		30.0			
1,3-Dichlorobenzene	0.4146 0.7098	0.4441 0.6992	0.6333 0.7677	0.5882 0.7418	0.6321	Ave		0.6256				20.0		30.0			
1,4-Dichlorobenzene	0.3694 0.7136	0.4558 0.7042	0.6571 0.7840	0.6185 0.7568	0.6439	Ave		0.6337				21.7		30.0			
Benzyl chloride	+++++ 0.1899	0.0925 0.1862	0.1667 0.2157	0.1094 0.2153	0.1462	Ave		0.1653				27.9		30.0			
n-Butylbenzene	+++++ 0.5535	+++++ 0.5699	0.3841 0.6320	0.3019 0.6211	0.3972	Ave		0.4942				26.5		30.0			
1,2-Dichlorobenzene	0.4213 0.6668	0.4517 0.6510	0.6252 0.7302	0.4986 0.7075	0.5734	Ave		0.5917				18.9		30.0			
1,2,4-Trichlorobenzene	+++++ 0.6155	+++++ 0.6001	+++++ 0.6340	0.3436 0.6338	0.4101	Ave		0.5395				23.8		30.0			
Hexachlorobutadiene	+++++ 0.5326	0.2716 0.5235	0.4211 0.5389	0.2992 0.5394	0.3958	Ave		0.4403				25.1		30.0			
Naphthalene	+++++ 1.3059	+++++ 1.2911	0.4891 1.3386	0.6535 1.3188	0.8288	Ave		1.0322				35.3	*	30.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240170-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 410-849380/7

Matrix: Air Lab File ID: 8L10X06.D

Analysis Method: TO 15 LL Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/10/2026 12:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 849380 Units: ug/m3

Preparation Batch No.: Instrument ID: HP53055

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-25-2	Bromoform	252.75	ND		2.1	1.8
74-83-9	Bromomethane	94.94	ND		0.78	0.70
75-15-0	Carbon disulfide	76.14	ND		1.6	0.40
56-23-5	Carbon tetrachloride	153.81	ND		0.22	0.14
108-90-7	Chlorobenzene	112.56	ND		0.92	0.60
75-45-6	Chlorodifluoromethane	86.47	ND		0.71	0.53
75-00-3	Chloroethane	64.52	ND		1.3	0.50
67-66-3	Chloroform	119.38	ND		0.98	0.45
74-87-3	Chloromethane	50.49	ND		1.0	0.50
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.20	0.083
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.91	0.45
98-82-8	Cumene	120.19	ND		0.98	0.20
110-82-7	Cyclohexane	84.16	ND		0.69	0.38
124-48-1	Dibromochloromethane	208.28	ND		1.7	1.1
75-71-8	Dichlorodifluoromethane	120.91	ND		0.99	0.64
100-41-4	Ethylbenzene	106.17	ND		0.87	0.83
87-68-3	Hexachlorobutadiene	260.76	ND		2.1	1.2
67-63-0	Isopropyl alcohol	60.10	0.785	J	4.9	0.59
179601-23-1	m,p-Xylene	106.17	ND		2.2	1.1
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		2.0	0.74
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	ND		1.5	0.62
80-62-6	Methyl methacrylate	100.12	ND		0.82	0.61
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.72	0.54
75-09-2	Methylene Chloride	84.93	ND		1.7	0.87
91-20-3	Naphthalene	128.17	ND		2.0	1.6
106-97-8	n-Butane	58.12	ND		1.2	0.24
104-51-8	n-Butylbenzene	134.22	ND		1.1	0.60
142-82-5	n-Heptane	100.21	ND		0.82	0.23
110-54-3	n-Hexane	86.17	ND		1.8	0.46
103-65-1	N-Propylbenzene	120.19	ND		0.98	0.23

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240170-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 410-849380/7

Matrix: Air Lab File ID: 8L10X06.D

Analysis Method: TO 15 LL Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 07/10/2026 12:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 849380 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP53055

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-25-2	Bromoform	252.75	ND		0.20	0.17
74-83-9	Bromomethane	94.94	ND		0.20	0.18
75-15-0	Carbon disulfide	76.14	ND		0.50	0.13
56-23-5	Carbon tetrachloride	153.81	ND		0.035	0.022
108-90-7	Chlorobenzene	112.56	ND		0.20	0.13
75-45-6	Chlorodifluoromethane	86.47	ND		0.20	0.15
75-00-3	Chloroethane	64.52	ND		0.50	0.19
67-66-3	Chloroform	119.38	ND		0.20	0.092
74-87-3	Chloromethane	50.49	ND		0.50	0.24
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.051	0.021
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.20	0.10
98-82-8	Cumene	120.19	ND		0.20	0.041
110-82-7	Cyclohexane	84.16	ND		0.20	0.11
124-48-1	Dibromochloromethane	208.28	ND		0.20	0.13
75-71-8	Dichlorodifluoromethane	120.91	ND		0.20	0.13
100-41-4	Ethylbenzene	106.17	ND		0.20	0.19
87-68-3	Hexachlorobutadiene	260.76	ND		0.20	0.11
67-63-0	Isopropyl alcohol	60.10	0.320	J	2.0	0.24
179601-23-1	m,p-Xylene	106.17	ND		0.50	0.26
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	ND		0.50	0.18
78-93-3	Methyl Ethyl Ketone (2-Butanone)	72.11	ND		0.50	0.21
80-62-6	Methyl methacrylate	100.12	ND		0.20	0.15
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.20	0.15
75-09-2	Methylene Chloride	84.93	ND		0.50	0.25
91-20-3	Naphthalene	128.17	ND		0.38	0.30
106-97-8	n-Butane	58.12	ND		0.50	0.10
104-51-8	n-Butylbenzene	134.22	ND		0.20	0.11
142-82-5	n-Heptane	100.21	ND		0.20	0.055
110-54-3	n-Hexane	86.17	ND		0.50	0.13
103-65-1	N-Propylbenzene	120.19	ND		0.20	0.047

Summa Canister Dilution Worksheet

Client: Brydges Engineering in Environment & Ene
Project/Site: 375 Michigan Remedial Investigation

Job No.: 480-240170-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
480-240170-1	6	-10.47	0.65	3.90	9.04	1.61	9.69		2.48	2.48		07/10/26 10:35	L2TN
480-240170-2	6	-4.54	0.85	5.09	10.21	1.69	10.17		2.00	2.00		07/15/26 14:43	L2TN
480-240170-3	6	-4.46	0.85	5.11	10.26	1.70	10.19		2.00	2.00		07/10/26 10:36	L2TN
480-240170-4	6	-4.54	0.85	5.09	10.13	1.69	10.13		1.99	1.99		07/10/26 10:36	L2TN
480-240170-5	6	-2.83	0.91	5.43	11.94	1.81	10.87		2.00	2.00		07/10/26 10:37	L2TN
480-240170-6	6	-5.63	0.81	4.87	9.16	1.62	9.74		2.00	2.00		07/10/26 10:37	L2TN
480-240170-7	6	-3.67	0.88	5.26	10.9	1.74	10.45		1.98	1.99		07/10/26 10:38	L2TN
480-240170-8	6	-5.83	0.81	4.83	8.94	1.61	9.65		2.00	2.00		07/10/26 10:38	L2TN
480-240170-9	6	-4.99	0.83	5.00	9.77	1.66	9.99		2.00	2.00		07/15/26 14:43	L2TN
480-240170-10	6	-5.74	0.81	4.85	8.87	1.60	9.62		1.98	1.98		07/10/26 10:39	L2TN

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

375 Michigan Ave. RI
Buffalo, NY
Project # 48030331

SDG: **J240274-1**
3 water samples

Prepared for:

BE3 Corp.
960 Busti Avenue
Suite 150-B
Buffalo, NY 14213
Attention: Will Goldsmith

August 2026

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
BE3 SDG J240274-1: 375 Michigan Ave. RI

The data associated with this Sample Delivery Group (SDG) J240274-1, analyzed by Eurofins Buffalo, Buffalo, NY have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K Perry Date: 8/4/2026

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	375 Michigan Ave. RI Buffalo, NY Site #: 48030331
SAMPLING DATE:	July 09, 2026
SAMPLE TYPE:	3 water samples
LABORATORY:	Eurofins Buffalo Buffalo, NY
SDG No.:	J240274-1

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for three water samples collected on July 09, 2026. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), 1,4-Dioxane, Pesticides, PCBs, PFASs, Metals, and Total Cyanide (TCN).

All analyses were performed by Eurofins Buffalo, Buffalo, NY and analyzed as SDG J240274-1. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Tables 6-1 through 6-8. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG J240274-1, three samples were analyzed and results were reported for 624 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have rejected/qualified and the corresponding QC reasons.

Table 6-1 8260 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-2 8270 SVOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-4	Buty benzy phthalate	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
RI-MW-1 RI-MW-1 DUP RI-MW-4	3-Nitroaniine Carbazole	J detects UJ non-detects	CCV %D > QC limit	Data are estimated
RI-MW-1 RI-MW-1 DUP RI-MW-4	TIC: Unknowns RTs 4.88, 11.33, 11.83, 12.53, 12.96, 13.37, 14.03, 14.42, 14.70, 15.50, and 15.96 and 5-Octadecene RT 11.60	CRQL-U	Analyte detected in method blank	Data changed to non-detect

Table 6-3 1,4-Dioxane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-4 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-1 RI-MW-1 DUP	g-BHC	CRQL-U	Analytes detected in method blank	Data changed to non-detect
RI-MW-1 RI-MW-1 DUP RI-MW-4	Toxaphene	J detects UJ non-detects	ICV %D > QC limit	Data are estimated
RI-MW-4	Methoxychlor	J	% D for second column confirmation > 25 %	Data are estimated

Table 6-5 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-6 PFASs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-1 RI-MW-1 DUP RI-MW-4	NFDHA	J detects UJ non-detects	Samples extracted outside 3 day HT	Data are estimated
RI-MW-4	PFHxA PFHpA PFOA PFDA PFDoA PFTrDA	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated

Table 6-7 Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-4	Fe	J detects UJ non-detects	MS/MSD rec < QC limit	Data are estimated
RI-MW-1 DUP RI-MW-4	Zn	CRQL-U	Analytes detected in method blank	Data changed to non-detect
RI-MW-1 RI-MW-1 DUP	Fe	J detects	% D for Field Dups > 50 %	Data are estimated

Table 6-8 TCN

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo NY 14213

Generated 07/24/2026

JOB DESCRIPTION

375 Michigan RI - Groundwater

JOB NUMBER

480-240274-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
07/24/2026

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
716 504-9874

Job Narrative
480-240274-1

Receipt
The samples were received on 7/9/2026 6:39 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.2º C and 4.6º C.

Receipt Exceptions

All backup containers for water samples received for 1633 PFAS analysis were frozen after receipt.

RI-MW-1 (480-240274-1), RI-MW-1-DUP (480-240274-2), RI-MW-4 (480-240274-3), RI-MW-4 (480-240274-3[MS]) and RI-MW-4 (480-240274-3[MSD])

The following samples were received at the laboratory outside the required temperature criteria: RI-MW-1 (480-240274-1), RI-MW-1-DUP (480-240274-2), RI-MW-4 (480-240274-3), RI-MW-4 (480-240274-3[MS]) and RI-MW-4 (480-240274-3[MSD]). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: The method blank for preparation batch 480-780417 and analytical batch 480-780486 contained gamma-BHC (Lindane) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed. The following associated samples are impacted: RI-MW-1 (480-240274-1), RI-MW-1-DUP (480-240274-2) and RI-MW-4 (480-240274-3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-780571 is outside the acceptance criteria for the following analytes: total Copper, Thallium. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C: The following sample formed emulsions during the extraction procedure: RI-MW-1-DUP (480-240274-2). The emulsions were broken up using a centrifuge.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240274-1
Project/Site: 375 Michigan RI - Groundwater

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-240274-1	RI-MW-1	Water	07/09/26 00:00	07/09/26 18:39	New York
480-240274-2	RI-MW-1-DUP	Water	07/09/26 00:00	07/09/26 18:39	New York
480-240274-3	RI-MW-4	Water	07/09/26 00:00	07/09/26 18:39	New York

8260D

Volatile Organic Compounds by GC/MS

No data validation qualifieres were added

MKP 8/4/2026

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240274-1

Matrix: Water | Lab File ID: D03528.d

Analysis Method: EPA 8260D | Date Collected: 07/09/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/10/2026 13:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780370 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240274-1

Matrix: Water | Lab File ID: D03528.d

Analysis Method: EPA 8260D | Date Collected: 07/09/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/10/2026 13:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780370 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.61	J	1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120
1868-53-7	Dibromofluoromethane (Surr)	102		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240274-1

Matrix: Water | Lab File ID: D03528.d

Analysis Method: EPA 8260D | Date Collected: 07/09/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/10/2026 13:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780370 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP | Lab Sample ID: 480-240274-2

Matrix: Water | Lab File ID: D03529.d

Analysis Method: EPA 8260D | Date Collected: 07/09/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/10/2026 13:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780370 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	29		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	0.43	J	1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP | Lab Sample ID: 480-240274-2

Matrix: Water | Lab File ID: D03529.d

Analysis Method: EPA 8260D | Date Collected: 07/09/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/10/2026 13:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780370 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.46	J	1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	102		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP | Lab Sample ID: 480-240274-2

Matrix: Water | Lab File ID: D03529.d

Analysis Method: EPA 8260D | Date Collected: 07/09/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/10/2026 13:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780370 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Matrix: Water | Lab File ID: D03530.d

Analysis Method: EPA 8260D | Date Collected: 07/09/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/10/2026 13:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780370 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND	F1	1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND	F1	1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Matrix: Water | Lab File ID: D03530.d

Analysis Method: EPA 8260D | Date Collected: 07/09/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/10/2026 13:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780370 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND	F1	1.0	0.73
98-82-8	Isopropylbenzene	ND	F1	1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND	F1	1.0	0.36
108-88-3	Toluene	ND	F1	1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND	F1	1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	101		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Matrix: Water | Lab File ID: D03530.d

Analysis Method: EPA 8260D | Date Collected: 07/09/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/10/2026 13:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780370 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

8270E

Semivolatile Organic Compounds (GC/MS)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240274-1

Matrix: Water | Lab File ID: Y072895.D

Analysis Method: EPA 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 21:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		5.0	0.65	
108-60-1	bis (2-chloroisopropyl) ether	ND		5.0	0.52	
95-95-4	2,4,5-Trichlorophenol	ND		5.0	0.48	
88-06-2	2,4,6-Trichlorophenol	ND		5.0	0.61	
120-83-2	2,4-Dichlorophenol	ND		5.0	0.51	
105-67-9	2,4-Dimethylphenol	ND		5.0	0.50	
51-28-5	2,4-Dinitrophenol	ND		10	2.2	
121-14-2	2,4-Dinitrotoluene	ND		5.0	0.45	
606-20-2	2,6-Dinitrotoluene	ND		5.0	0.40	
91-58-7	2-Chloronaphthalene	ND		5.0	0.46	
95-57-8	2-Chlorophenol	ND		5.0	0.53	
95-48-7	2-Methylphenol	ND		5.0	0.40	
91-57-6	2-Methylnaphthalene	ND		5.0	0.60	
88-74-4	2-Nitroaniline	ND		10	0.42	
88-75-5	2-Nitrophenol	ND		5.0	0.48	
91-94-1	3,3'-Dichlorobenzidine	ND		5.0	0.40	
99-09-2	3-Nitroaniline	ND		10	0.48	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ND		10	2.2	
101-55-3	4-Bromophenyl phenyl ether	ND		5.0	0.45	
59-50-7	4-Chloro-3-methylphenol	ND		5.0	0.45	
106-47-8	4-Chloroaniline	ND		5.0	0.59	
7005-72-3	4-Chlorophenyl phenyl ether	ND		5.0	0.35	
106-44-5	4-Methylphenol	ND		10	0.36	
100-01-6	4-Nitroaniline	ND		10	0.25	
100-02-7	4-Nitrophenol	ND		10	1.5	
83-32-9	Acenaphthene	ND		5.0	0.41	
208-96-8	Acenaphthylene	ND		5.0	0.38	
98-86-2	Acetophenone	ND		5.0	0.54	
120-12-7	Anthracene	ND		5.0	0.28	
1912-24-9	Atrazine	ND		5.0	0.46	
100-52-7	Benzaldehyde	ND		5.0	0.27	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240274-1

Matrix: Water | Lab File ID: Y072895.D

Analysis Method: EPA 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 21:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
56-55-3	Benzo[a]anthracene	ND		5.0	0.36	
50-32-8	Benzo[a]pyrene	ND		5.0	0.47	
205-99-2	Benzo[b]fluoranthene	ND		5.0	0.34	
191-24-2	Benzo[g,h,i]perylene	ND		5.0	0.35	
207-08-9	Benzo[k]fluoranthene	ND		5.0	0.73	
111-91-1	Bis(2-chloroethoxy)methane	ND		5.0	0.35	
111-44-4	Bis(2-chloroethyl)ether	ND		5.0	0.40	
117-81-7	Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	
85-68-7	Butyl benzyl phthalate	ND		5.0	1.0	
105-60-2	Caprolactam	ND		5.0	2.2	
86-74-8	Carbazole	ND		5.0	0.30	UJ
218-01-9	Chrysene	ND		5.0	0.33	
53-70-3	Dibenz(a,h)anthracene	ND		5.0	0.42	
84-74-2	Di-n-butyl phthalate	0.49	J	5.0	0.31	
117-84-0	Di-n-octyl phthalate	ND		5.0	0.47	
132-64-9	Dibenzofuran	ND		10	0.51	
84-66-2	Diethyl phthalate	ND		5.0	0.22	
131-11-3	Dimethyl phthalate	ND		5.0	0.36	
206-44-0	Fluoranthene	ND		5.0	0.40	
86-73-7	Fluorene	ND		5.0	0.36	
118-74-1	Hexachlorobenzene	ND		5.0	0.51	
87-68-3	Hexachlorobutadiene	ND		5.0	0.68	
77-47-4	Hexachlorocyclopentadiene	ND		5.0	0.59	
67-72-1	Hexachloroethane	ND		5.0	0.59	
193-39-5	Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	
78-59-1	Isophorone	ND		5.0	0.43	
621-64-7	N-Nitrosodi-n-propylamine	ND		5.0	0.54	
86-30-6	N-Nitrosodiphenylamine	ND		5.0	0.51	
91-20-3	Naphthalene	ND		5.0	0.76	
98-95-3	Nitrobenzene	ND		5.0	0.29	
87-86-5	Pentachlorophenol	ND		10	2.2	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240274-1

Matrix: Water | Lab File ID: Y072895.D

Analysis Method: EPA 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 21:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
85-01-8	Phenanthrene	ND		5.0	0.44
108-95-2	Phenol	ND		5.0	0.39
129-00-0	Pyrene	ND		5.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	78		29-129
4165-62-2	Phenol-d5 (Surr)	42		10-120
1718-51-0	p-Terphenyl-d14 (Surr)	81		33-132
118-79-6	2,4,6-Tribromophenol (Surr)	110		25-144
321-60-8	2-Fluorobiphenyl (Surr)	98		53-126
367-12-4	2-Fluorophenol (Surr)	62		24-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240274-1

Matrix: Water | Lab File ID: Y072895.D

Analysis Method: EPA 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 21:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

Number TICs Found: 20 | TIC Result Total: 242.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	4.87	10	T J	
5131-66-8	2-Propanol, 1-butoxy-	5.72	13	T J N	91%
	Unknown	6.26	5.5	T J	
617-94-7	Benzenemethanol, .alpha.,.alpha.-dimethyl-	6.86	13	T J N	91%
	Unknown	7.71	16	T J	
29911-28-2	2-Propanol, 1-(2-butoxy-1-methylethoxy)-	7.74	15	T J N	86%
	Unknown	7.81	16	T J	
	Unknown	8.10	2.8	T J	
	Unknown	10.63	8.0	T J	
	Unknown	11.34	3.9	T J	
	Unknown	11.84	30	T J	
	Unknown	12.53	5.9	T J	
	Unknown	12.97	11	T J	
	Unknown	13.38	2.1	T J	
	Unknown	14.03	15	T J	
	Unknown	14.43	2.9	T J	
	Unknown	14.70	30	T J	
	Unknown	15.61	6.0	T J	
	Unknown	15.97	32	T J	
	Unknown	17.70	4.5	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP | Lab Sample ID: 480-240274-2

Matrix: Water | Lab File ID: Y072896.D

Analysis Method: EPA 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 22:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		5.0	0.65	
108-60-1	bis (2-chloroisopropyl) ether	ND		5.0	0.52	
95-95-4	2,4,5-Trichlorophenol	ND		5.0	0.48	
88-06-2	2,4,6-Trichlorophenol	ND		5.0	0.61	
120-83-2	2,4-Dichlorophenol	ND		5.0	0.51	
105-67-9	2,4-Dimethylphenol	ND		5.0	0.50	
51-28-5	2,4-Dinitrophenol	ND		10	2.2	
121-14-2	2,4-Dinitrotoluene	ND		5.0	0.45	
606-20-2	2,6-Dinitrotoluene	ND		5.0	0.40	
91-58-7	2-Chloronaphthalene	ND		5.0	0.46	
95-57-8	2-Chlorophenol	ND		5.0	0.53	
95-48-7	2-Methylphenol	ND		5.0	0.40	
91-57-6	2-Methylnaphthalene	ND		5.0	0.60	
88-74-4	2-Nitroaniline	ND		10	0.42	
88-75-5	2-Nitrophenol	ND		5.0	0.48	
91-94-1	3,3'-Dichlorobenzidine	ND		5.0	0.40	
99-09-2	3-Nitroaniline	ND		10	0.48	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ND		10	2.2	
101-55-3	4-Bromophenyl phenyl ether	ND		5.0	0.45	
59-50-7	4-Chloro-3-methylphenol	ND		5.0	0.45	
106-47-8	4-Chloroaniline	ND		5.0	0.59	
7005-72-3	4-Chlorophenyl phenyl ether	ND		5.0	0.35	
106-44-5	4-Methylphenol	ND		10	0.36	
100-01-6	4-Nitroaniline	ND		10	0.25	
100-02-7	4-Nitrophenol	ND		10	1.5	
83-32-9	Acenaphthene	ND		5.0	0.41	
208-96-8	Acenaphthylene	ND		5.0	0.38	
98-86-2	Acetophenone	ND		5.0	0.54	
120-12-7	Anthracene	ND		5.0	0.28	
1912-24-9	Atrazine	ND		5.0	0.46	
100-52-7	Benzaldehyde	ND		5.0	0.27	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP | Lab Sample ID: 480-240274-2

Matrix: Water | Lab File ID: Y072896.D

Analysis Method: EPA 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 22:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
56-55-3	Benzo[a]anthracene	ND		5.0	0.36	
50-32-8	Benzo[a]pyrene	ND		5.0	0.47	
205-99-2	Benzo[b]fluoranthene	ND		5.0	0.34	
191-24-2	Benzo[g,h,i]perylene	ND		5.0	0.35	
207-08-9	Benzo[k]fluoranthene	ND		5.0	0.73	
111-91-1	Bis(2-chloroethoxy)methane	ND		5.0	0.35	
111-44-4	Bis(2-chloroethyl)ether	ND		5.0	0.40	
117-81-7	Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	
85-68-7	Butyl benzyl phthalate	ND		5.0	1.0	
105-60-2	Caprolactam	ND		5.0	2.2	
86-74-8	Carbazole	ND		5.0	0.30	UJ
218-01-9	Chrysene	ND		5.0	0.33	
53-70-3	Dibenz(a,h)anthracene	ND		5.0	0.42	
84-74-2	Di-n-butyl phthalate	0.45	J	5.0	0.31	
117-84-0	Di-n-octyl phthalate	ND		5.0	0.47	
132-64-9	Dibenzofuran	ND		10	0.51	
84-66-2	Diethyl phthalate	ND		5.0	0.22	
131-11-3	Dimethyl phthalate	ND		5.0	0.36	
206-44-0	Fluoranthene	ND		5.0	0.40	
86-73-7	Fluorene	ND		5.0	0.36	
118-74-1	Hexachlorobenzene	ND		5.0	0.51	
87-68-3	Hexachlorobutadiene	ND		5.0	0.68	
77-47-4	Hexachlorocyclopentadiene	ND		5.0	0.59	
67-72-1	Hexachloroethane	ND		5.0	0.59	
193-39-5	Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	
78-59-1	Isophorone	ND		5.0	0.43	
621-64-7	N-Nitrosodi-n-propylamine	ND		5.0	0.54	
86-30-6	N-Nitrosodiphenylamine	ND		5.0	0.51	
91-20-3	Naphthalene	ND		5.0	0.76	
98-95-3	Nitrobenzene	ND		5.0	0.29	
87-86-5	Pentachlorophenol	ND		10	2.2	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP | Lab Sample ID: 480-240274-2

Matrix: Water | Lab File ID: Y072896.D

Analysis Method: EPA 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 22:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
85-01-8	Phenanthrene	ND		5.0	0.44
108-95-2	Phenol	ND		5.0	0.39
129-00-0	Pyrene	ND		5.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	83		29-129
4165-62-2	Phenol-d5 (Surr)	44		10-120
1718-51-0	p-Terphenyl-d14 (Surr)	85		33-132
118-79-6	2,4,6-Tribromophenol (Surr)	108		25-144
321-60-8	2-Fluorobiphenyl (Surr)	98		53-126
367-12-4	2-Fluorophenol (Surr)	65		24-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP | Lab Sample ID: 480-240274-2

Matrix: Water | Lab File ID: Y072896.D

Analysis Method: EPA 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 22:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

Number TICs Found: 19 | TIC Result Total: 248.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	4.88	26	T J	
5131-66-8	2-Propanol, 1-butoxy-	5.72	2.7	T J N	90%
55956-25-7	2-Propanol, 1-[1-methyl-2-(2-propenyloxy)ethoxy]-	7.72	2.8	T J N	90%
108-61-2	1-Propanol, 2,2'-oxybis-	7.74	2.6	T J N	86%
	Unknown	7.81	3.4	T J	
	Unknown	10.63	7.2	T J	
	Unknown	11.34	4.1	T J	
	Unknown	11.83	38	T J	
	Unknown	12.53	5.3	T J	
	Unknown	12.96	10	T J	
	Unknown	13.38	2.2	T J	
	Unknown	14.04	11	T J	
	Unknown	14.43	3.1	T J	
	Unknown	14.70	40	T J	
	Unknown	15.05	38	T J	
	Unknown	15.61	7.5	T J	
	Unknown	15.86	1.8	T J	
	Unknown	15.96	40	T J	
	Unknown	17.70	2.7	T J	

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GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Matrix: Water | Lab File ID: Y072890.D

Analysis Method: EPA 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 19:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		5.0	0.65	
108-60-1	bis (2-chloroisopropyl) ether	ND		5.0	0.52	
95-95-4	2,4,5-Trichlorophenol	ND		5.0	0.48	
88-06-2	2,4,6-Trichlorophenol	ND	F2	5.0	0.61	
120-83-2	2,4-Dichlorophenol	ND		5.0	0.51	
105-67-9	2,4-Dimethylphenol	ND		5.0	0.50	
51-28-5	2,4-Dinitrophenol	ND	F2	10	2.2	
121-14-2	2,4-Dinitrotoluene	ND		5.0	0.45	
606-20-2	2,6-Dinitrotoluene	ND		5.0	0.40	
91-58-7	2-Chloronaphthalene	ND		5.0	0.46	
95-57-8	2-Chlorophenol	ND		5.0	0.53	
95-48-7	2-Methylphenol	ND		5.0	0.40	
91-57-6	2-Methylnaphthalene	ND		5.0	0.60	
88-74-4	2-Nitroaniline	ND		10	0.42	
88-75-5	2-Nitrophenol	ND	F2	5.0	0.48	
91-94-1	3,3'-Dichlorobenzidine	ND	F2	5.0	0.40	
99-09-2	3-Nitroaniline	ND		10	0.48	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ND		10	2.2	
101-55-3	4-Bromophenyl phenyl ether	ND		5.0	0.45	
59-50-7	4-Chloro-3-methylphenol	ND		5.0	0.45	
106-47-8	4-Chloroaniline	ND		5.0	0.59	
7005-72-3	4-Chlorophenyl phenyl ether	ND		5.0	0.35	
106-44-5	4-Methylphenol	ND		10	0.36	
100-01-6	4-Nitroaniline	ND		10	0.25	
100-02-7	4-Nitrophenol	ND		10	1.5	
83-32-9	Acenaphthene	ND		5.0	0.41	
208-96-8	Acenaphthylene	ND	F2	5.0	0.38	
98-86-2	Acetophenone	0.80	J	5.0	0.54	
120-12-7	Anthracene	ND		5.0	0.28	
1912-24-9	Atrazine	ND		5.0	0.46	
100-52-7	Benzaldehyde	ND		5.0	0.27	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Matrix: Water | Lab File ID: Y072890.D

Analysis Method: EPA 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 19:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
56-55-3	Benzo[a]anthracene	ND		5.0	0.36	
50-32-8	Benzo[a]pyrene	ND		5.0	0.47	
205-99-2	Benzo[b]fluoranthene	ND		5.0	0.34	
191-24-2	Benzo[g,h,i]perylene	ND	F2	5.0	0.35	
207-08-9	Benzo[k]fluoranthene	ND		5.0	0.73	
111-91-1	Bis(2-chloroethoxy)methane	ND		5.0	0.35	
111-44-4	Bis(2-chloroethyl)ether	ND		5.0	0.40	
117-81-7	Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	
85-68-7	Butyl benzyl phthalate	ND		5.0	1.0	
105-60-2	Caprolactam	ND		5.0	2.2	
86-74-8	Carbazole	ND		5.0	0.30	UJ
218-01-9	Chrysene	ND	F2	5.0	0.33	
53-70-3	Dibenz(a,h)anthracene	ND	F2	5.0	0.42	
84-74-2	Di-n-butyl phthalate	0.67	J F1	5.0	0.31	J
117-84-0	Di-n-octyl phthalate	ND		5.0	0.47	
132-64-9	Dibenzofuran	ND	F2	10	0.51	
84-66-2	Diethyl phthalate	ND	F2	5.0	0.22	
131-11-3	Dimethyl phthalate	ND		5.0	0.36	
206-44-0	Fluoranthene	ND		5.0	0.40	
86-73-7	Fluorene	ND		5.0	0.36	
118-74-1	Hexachlorobenzene	ND		5.0	0.51	
87-68-3	Hexachlorobutadiene	ND		5.0	0.68	
77-47-4	Hexachlorocyclopentadiene	ND		5.0	0.59	
67-72-1	Hexachloroethane	ND		5.0	0.59	
193-39-5	Indeno[1,2,3-cd]pyrene	ND	F2	5.0	0.47	
78-59-1	Isophorone	ND		5.0	0.43	
621-64-7	N-Nitrosodi-n-propylamine	ND		5.0	0.54	
86-30-6	N-Nitrosodiphenylamine	ND		5.0	0.51	
91-20-3	Naphthalene	ND		5.0	0.76	
98-95-3	Nitrobenzene	ND		5.0	0.29	
87-86-5	Pentachlorophenol	ND		10	2.2	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Matrix: Water | Lab File ID: Y072890.D

Analysis Method: EPA 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 19:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
85-01-8	Phenanthrene	ND		5.0	0.44
108-95-2	Phenol	ND		5.0	0.39
129-00-0	Pyrene	ND		5.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	87		29-129
4165-62-2	Phenol-d5 (Surr)	43		10-120
1718-51-0	p-Terphenyl-d14 (Surr)	83		33-132
118-79-6	2,4,6-Tribromophenol (Surr)	110		25-144
321-60-8	2-Fluorobiphenyl (Surr)	100		53-126
367-12-4	2-Fluorophenol (Surr)	64		24-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Matrix: Water | Lab File ID: Y072890.D

Analysis Method: EPA 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 19:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

Number TICs Found: 20 | TIC Result Total: 209.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	4.88	10	T J	
5131-66-8	2-Propanol, 1-butoxy-	5.72	5.2	T J N	91%
	Unknown	6.26	2.6	T J	
	Unknown	7.06	2.3	T J	
	Unknown	7.29	3.0	T J	
29911-28-2	2-Propanol, 1-(2-butoxy-1-methylethoxy)-	7.72	12	T J N	90%
95-16-9	Benzothiazole	7.82	4.6	T J N	94%
	Unknown	8.10	3.9	T J	
	Unknown	8.40	16	T J	
77-68-9	Propanoic acid, 2-methyl-, 3-hydroxy-2,2,4-trimethylpentyl e	8.49	5.7	T J N	86%
	Unknown	10.59	3.5	T J	
	Unknown	11.34	3.9	T J	
	Unknown	11.83	34	T J	
	Unknown	12.53	5.9	T J	
	Unknown	12.97	11	T J	
	Unknown	14.03	11	T J	
	Unknown	14.42	2.8	T J	
	Unknown	14.70	34	T J	
	Unknown	15.61	3.9	T J	
	Unknown	15.97	32	T J	

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8270E_LL_QQQ

Semivolatile Organic Compounds (GC/MS)

No data validation qualifieres were added

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240274-1

Matrix: Water | Lab File ID: 480-240274-Q-1-A_7132026_10.d

Analysis Method: 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/10/2026 13:30

Sample wt/vol: 72.2(mL) | Date Analyzed: 07/13/2026 19:00

Con. Extract Vol.: 4(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SH-I-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780558 | Units: ug/L

Preparation Batch No.: 780421 | Instrument ID: TQ8050-2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	ND		0.19	0.052

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	p-Terphenyl-d14 (Surr)	49		15-155
4165-60-0	Nitrobenzene-d5 (Surr)	83		41-161
321-60-8	2-Fluorobiphenyl (Surr)	72		32-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP | Lab Sample ID: 480-240274-2

Matrix: Water | Lab File ID: 480-240274-Q-2-A_7132026_11.d

Analysis Method: 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/10/2026 13:30

Sample wt/vol: 72.4(mL) | Date Analyzed: 07/13/2026 19:30

Con. Extract Vol.: 4(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SH-I-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780558 | Units: ug/L

Preparation Batch No.: 780421 | Instrument ID: TQ8050-2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	ND		0.19	0.052

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	p-Terphenyl-d14 (Surr)	54		15-155
4165-60-0	Nitrobenzene-d5 (Surr)	79		41-161
321-60-8	2-Fluorobiphenyl (Surr)	72		32-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Matrix: Water | Lab File ID: 480-240274-N-3-A_7132026_8.d

Analysis Method: 8270E | Date Collected: 07/09/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/10/2026 13:30

Sample wt/vol: 71.5(mL) | Date Analyzed: 07/13/2026 17:58

Con. Extract Vol.: 4(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SH-I-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780558 | Units: ug/L

Preparation Batch No.: 780421 | Instrument ID: TQ8050-2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	ND		0.20	0.053

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	p-Terphenyl-d14 (Surr)	42		15-155
4165-60-0	Nitrobenzene-d5 (Surr)	77		41-161
321-60-8	2-Fluorobiphenyl (Surr)	76		32-151

Method 8081B

Organochlorine Pesticides (GC) by Method 8081B

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240274-1

Matrix: Water | Lab File ID: 5_90323.D

Analysis Method: 8081B | Date Collected: 07/09/2026 00:00

Extraction Method: 3510C | Date Extracted: 07/10/2026 13:13

Sample wt/vol: 250(mL) | Date Analyzed: 07/13/2026 10:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780486 | Units: ug/L

Preparation Batch No.: 780417 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		0.050	0.0092	
72-55-9	4,4'-DDE	ND		0.050	0.012	
50-29-3	4,4'-DDT	ND		0.050	0.011	
309-00-2	Aldrin	ND		0.050	0.0081	
319-84-6	alpha-BHC	0.0098	J	0.050	0.0077	
5103-71-9	cis-Chlordane	ND		0.050	0.015	
319-85-7	beta-BHC	ND		0.050	0.025	
319-86-8	delta-BHC	ND		0.050	0.010	
60-57-1	Dieldrin	ND		0.050	0.0098	
959-98-8	Endosulfan I	ND		0.050	0.011	
33213-65-9	Endosulfan II	ND		0.050	0.012	
1031-07-8	Endosulfan sulfate	ND		0.050	0.016	
72-20-8	Endrin	ND		0.050	0.014	
7421-93-4	Endrin aldehyde	ND		0.050	0.016	
53494-70-5	Endrin ketone	ND		0.050	0.012	
58-89-9	gamma-BHC (Lindane)	0.050 UJ 0.015	J B	0.050	0.0080	UJ
5103-74-2	trans-Chlordane	ND		0.050	0.011	
76-44-8	Heptachlor	ND		0.050	0.0085	
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074	
72-43-5	Methoxychlor	0.021	J	0.050	0.014	
8001-35-2	Toxaphene	ND		0.50	0.12	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	65		10-120
877-09-8	Tetrachloro-m-xylene	101		10-120

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP | Lab Sample ID: 480-240274-2

Matrix: Water | Lab File ID: 5_90324.D

Analysis Method: 8081B | Date Collected: 07/09/2026 00:00

Extraction Method: 3510C | Date Extracted: 07/10/2026 13:13

Sample wt/vol: 250(mL) | Date Analyzed: 07/13/2026 11:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780486 | Units: ug/L

Preparation Batch No.: 780417 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		0.050	0.0092	
72-55-9	4,4'-DDE	ND		0.050	0.012	
50-29-3	4,4'-DDT	ND		0.050	0.011	
309-00-2	Aldrin	ND		0.050	0.0081	
319-84-6	alpha-BHC	ND		0.050	0.0077	
5103-71-9	cis-Chlordane	ND		0.050	0.015	
319-85-7	beta-BHC	ND		0.050	0.025	
319-86-8	delta-BHC	ND		0.050	0.010	
60-57-1	Dieldrin	ND		0.050	0.0098	
959-98-8	Endosulfan I	ND		0.050	0.011	
33213-65-9	Endosulfan II	ND		0.050	0.012	
1031-07-8	Endosulfan sulfate	ND		0.050	0.016	
72-20-8	Endrin	ND		0.050	0.014	
7421-93-4	Endrin aldehyde	ND		0.050	0.016	
53494-70-5	Endrin ketone	ND		0.050	0.012	
58-89-9	gamma-BHC (Lindane)	0.050 UJ 0.012	~~J B~~	0.050	0.0080	UJ
5103-74-2	trans-Chlordane	ND		0.050	0.011	
76-44-8	Heptachlor	ND		0.050	0.0085	
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074	
72-43-5	Methoxychlor	ND		0.050	0.014	
8001-35-2	Toxaphene	ND		0.50	0.12	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	53		10-120
877-09-8	Tetrachloro-m-xylene	102		10-120

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Matrix: Water | Lab File ID: 5_90322.D

Analysis Method: 8081B | Date Collected: 07/09/2026 00:00

Extraction Method: 3510C | Date Extracted: 07/10/2026 13:13

Sample wt/vol: 250(mL) | Date Analyzed: 07/13/2026 10:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780486 | Units: ug/L

Preparation Batch No.: 780417 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		0.050	0.0092	
72-55-9	4,4'-DDE	ND		0.050	0.012	
50-29-3	4,4'-DDT	ND		0.050	0.011	
309-00-2	Aldrin	ND		0.050	0.0081	
319-84-6	alpha-BHC	ND		0.050	0.0077	
5103-71-9	cis-Chlordane	ND		0.050	0.015	
319-85-7	beta-BHC	ND		0.050	0.025	
319-86-8	delta-BHC	0.030	J	0.050	0.010	
60-57-1	Dieldrin	ND		0.050	0.0098	
959-98-8	Endosulfan I	ND		0.050	0.011	
33213-65-9	Endosulfan II	ND		0.050	0.012	
1031-07-8	Endosulfan sulfate	ND		0.050	0.016	
72-20-8	Endrin	ND		0.050	0.014	
7421-93-4	Endrin aldehyde	ND		0.050	0.016	
53494-70-5	Endrin ketone	ND		0.050	0.012	
58-89-9	gamma-BHC (Lindane)	ND		0.050	0.0080	
5103-74-2	trans-Chlordane	ND		0.050	0.011	
76-44-8	Heptachlor	ND		0.050	0.0085	
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074	
8001-35-2	Toxaphene	ND		0.50	0.12	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	68		10-120
877-09-8	Tetrachloro-m-xylene	83		10-120

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Matrix: Water | Lab File ID: 5_90322.D

Analysis Method: 8081B | Date Collected: 07/09/2026 00:00

Extraction Method: 3510C | Date Extracted: 07/10/2026 13:13

Sample wt/vol: 250(mL) | Date Analyzed: 07/13/2026 10:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780486 | Units: ug/L

Preparation Batch No.: 780417 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-43-5	Methoxychlor	0.032	J	0.050	0.014	J

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	60		10-120
877-09-8	Tetrachloro-m-xylene	104		10-120

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Method 8082A

Polychlorinated Biphenyls (PCBs) (GC) by Method 8082A

No data validation qualifieres were added

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FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240274-1

Matrix: Water | Lab File ID: 70014144.D

Analysis Method: 8082A | Date Collected: 07/09/2026 00:00

Extraction Method: 3510C | Date Extracted: 07/13/2026 06:39

Sample wt/vol: 250(mL) | Date Analyzed: 07/13/2026 15:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780516 | Units: ug/L

Preparation Batch No.: 780471 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.50	0.18
11104-28-2	PCB-1221	ND		0.50	0.18
11141-16-5	PCB-1232	ND		0.50	0.18
53469-21-9	PCB-1242	ND		0.50	0.18
12672-29-6	PCB-1248	ND		0.50	0.18
11097-69-1	PCB-1254	ND		0.50	0.25
11096-82-5	PCB-1260	ND		0.50	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		10-145
2051-24-3	DCB Decachlorobiphenyl	58		10-123

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP | Lab Sample ID: 480-240274-2

Matrix: Water | Lab File ID: 70014145.D

Analysis Method: 8082A | Date Collected: 07/09/2026 00:00

Extraction Method: 3510C | Date Extracted: 07/13/2026 06:39

Sample wt/vol: 250(mL) | Date Analyzed: 07/13/2026 16:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780516 | Units: ug/L

Preparation Batch No.: 780471 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.50	0.18
11104-28-2	PCB-1221	ND		0.50	0.18
11141-16-5	PCB-1232	ND		0.50	0.18
53469-21-9	PCB-1242	ND		0.50	0.18
12672-29-6	PCB-1248	ND		0.50	0.18
11097-69-1	PCB-1254	ND		0.50	0.25
11096-82-5	PCB-1260	ND		0.50	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	65		10-145
2051-24-3	DCB Decachlorobiphenyl	34		10-123

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Matrix: Water | Lab File ID: 70014138.D

Analysis Method: 8082A | Date Collected: 07/09/2026 00:00

Extraction Method: 3510C | Date Extracted: 07/13/2026 06:39

Sample wt/vol: 250(mL) | Date Analyzed: 07/13/2026 14:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780516 | Units: ug/L

Preparation Batch No.: 780471 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.50	0.18
11104-28-2	PCB-1221	ND		0.50	0.18
11141-16-5	PCB-1232	ND		0.50	0.18
53469-21-9	PCB-1242	ND		0.50	0.18
12672-29-6	PCB-1248	ND		0.50	0.18
11097-69-1	PCB-1254	ND		0.50	0.25
11096-82-5	PCB-1260	ND		0.50	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		10-145
2051-24-3	DCB Decachlorobiphenyl	53		10-123

1633A

Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240274-1

Matrix: Water
Lab File ID: 26JUL22E-45.d

Analysis Method: 1633A
Date Collected: 07/09/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/17/2026 07:43

Sample wt/vol: 185.55(mL)
Date Analyzed: 07/22/2026 17:57

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855628
Units: ng/L

Preparation Batch No.: 853189
Instrument ID: 30571

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	1.1	J	2.7	0.74
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		1.3	0.40
307-24-4	Perfluorohexanoic acid (PFHxA)	5.1		1.3	0.34
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		1.3	0.54
335-67-1	Perfluorooctanoic acid (PFOA)	ND		1.3	0.61
375-95-1	Perfluorononanoic acid (PFNA)	ND		1.3	0.34
335-76-2	Perfluorodecanoic acid (PFDA)	ND		1.3	0.34
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		1.3	0.34
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		1.3	0.34
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		1.3	0.34
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		1.3	0.34
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.41	J	1.3	0.34
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		1.3	0.34
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		1.3	0.54
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		1.3	0.34
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		1.3	0.88
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		1.3	0.34
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		1.3	0.34
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		1.3	0.40
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.7	0.67
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.7	0.67
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.7	0.67
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		1.3	0.34
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.3	0.34
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.3	0.74

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1
Lab Sample ID: 480-240274-1

Matrix: Water
Lab File ID: 26JUL22E-45.d

Analysis Method: 1633A
Date Collected: 07/09/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/17/2026 07:43

Sample wt/vol: 185.55(mL)
Date Analyzed: 07/22/2026 17:57

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855628
Units: ng/L

Preparation Batch No.: 853189
Instrument ID: 30571

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.3	0.34
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.3	0.34
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		6.7	2.7
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		6.7	2.7
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.3	0.94
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.3	0.34
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.3	0.34
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.3	0.34
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.3	0.34 UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		1.3	0.34
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		1.3	0.34
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.3	0.34
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.7	0.67
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		6.7	1.9
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		6.7	1.7

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1 Lab Sample ID: 480-240274-1

Matrix: Water Lab File ID: 26JUL22E-45.d

Analysis Method: 1633A Date Collected: 07/09/2026 00:00

Extraction Method: 1633A Date Extracted: 07/17/2026 07:43

Sample wt/vol: 185.55(mL) Date Analyzed: 07/22/2026 17:57

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 7(uL) GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855628 Units: ng/L

Preparation Batch No.: 853189 Instrument ID: 30571

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	81.4		5-130
2283397-79-3	13C5 PFPeA	94.9		40-130
2328024-54-8	13C5 PFHxA	88.2		40-130
2328024-55-9	13C4 PFHpA	92.3		40-130
1350614-84-4	13C8 PFOA	81.3		40-130
2283397-80-6	13C9 PFNA	73.7		40-130
2328024-56-0	13C6 PFDA	63.2		40-130
STL02580	13C7 PFUnA	57.8		30-130
STL02116	13C2 PFTeDA	50.1		10-130
2708218-83-9	13C3 PFBS	82.5		40-135
2708218-85-1	13C3 PFHxS	73.3		40-130
2265893-05-6	13C8 PFOS	62.5		40-130
STL01056	13C8 FOSA	61.2		40-130
1400690-70-1	d3-NMeFOSAA	67.0		40-170
1265205-97-7	d5-NEtFOSAA	62.7		25-135
STL02395	13C2 4:2 FTS	128		40-200
STL02279	13C2 6:2 FTS	89.9		40-200
STL02280	13C2 8:2 FTS	92.9		40-300
STL02255	13C3 HFPO-DA	90.5		40-130
STL02277	d7-N-MeFOSE-M	37.6		10-130
STL02278	d9-N-EtFOSE-M	34.3		10-130
STL02704	d5-NEtPFOSA	53.6		10-130
STL02705	d3-NMePFOSA	60.0		10-130
960315-52-0	13C2 PFDoA	52.8		10-130
STL03747	13C3-3:3 FTCA	113		20-150
STL03748	13C3-5:3 FTCA	80.6		20-150
STL03731	13C3-PFDoS	47.4		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2

Matrix: Water
Lab File ID: 26Jul22SD-69.d

Analysis Method: 1633A
Date Collected: 07/09/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/17/2026 07:43

Sample wt/vol: 185.94(mL)
Date Analyzed: 07/23/2026 02:10

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855823
Units: ng/L

Preparation Batch No.: 853189
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		2.7	0.74
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		1.3	0.40
307-24-4	Perfluorohexanoic acid (PFHxA)	3.2		1.3	0.34
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		1.3	0.54
335-67-1	Perfluorooctanoic acid (PFOA)	ND		1.3	0.61
375-95-1	Perfluorononanoic acid (PFNA)	ND		1.3	0.34
335-76-2	Perfluorodecanoic acid (PFDA)	ND		1.3	0.34
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		1.3	0.34
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		1.3	0.34
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		1.3	0.34
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		1.3	0.34
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		1.3	0.34
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		1.3	0.34
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		1.3	0.54
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		1.3	0.34
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		1.3	0.87
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		1.3	0.34
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		1.3	0.34
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		1.3	0.40
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.7	0.67
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.7	0.67
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.7	0.67
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		1.3	0.34
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.3	0.34
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.3	0.74

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2

Matrix: Water
Lab File ID: 26Jul22SD-69.d

Analysis Method: 1633A
Date Collected: 07/09/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/17/2026 07:43

Sample wt/vol: 185.94(mL)
Date Analyzed: 07/23/2026 02:10

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855823
Units: ng/L

Preparation Batch No.: 853189
Instrument ID: 29347

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.3	0.34	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.3	0.34	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		6.7	2.7	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		6.7	2.7	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.3	0.94	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.3	0.34	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.3	0.34	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.3	0.34	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.3	0.34	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		1.3	0.34	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		1.3	0.34	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.3	0.34	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.7	0.67	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		6.7	1.9	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		6.7	1.7	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2

Matrix: Water
Lab File ID: 26Jul22SD-69.d

Analysis Method: 1633A
Date Collected: 07/09/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/17/2026 07:43

Sample wt/vol: 185.94(mL)
Date Analyzed: 07/23/2026 02:10

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855823
Units: ng/L

Preparation Batch No.: 853189
Instrument ID: 29347

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	84.2		5-130
2283397-79-3	13C5 PFPeA	88.8		40-130
2328024-54-8	13C5 PFHxA	84.2		40-130
2328024-55-9	13C4 PFHpA	94.1		40-130
1350614-84-4	13C8 PFOA	83.2		40-130
2283397-80-6	13C9 PFNA	91.2		40-130
2328024-56-0	13C6 PFDA	81.3		40-130
STL02580	13C7 PFUnA	76.9		30-130
STL02116	13C2 PFTeDA	64.3		10-130
2708218-83-9	13C3 PFBS	85.1		40-135
2708218-85-1	13C3 PFHxS	87.9		40-130
2265893-05-6	13C8 PFOS	82.3		40-130
STL01056	13C8 FOSA	64.5		40-130
1400690-70-1	d3-NMeFOSAA	77.7		40-170
1265205-97-7	d5-NEtFOSAA	69.7		25-135
STL02395	13C2 4:2 FTS	92.5		40-200
STL02279	13C2 6:2 FTS	87.0		40-200
STL02280	13C2 8:2 FTS	65.7		40-300
STL02255	13C3 HFPO-DA	84.0		40-130
STL02277	d7-N-MeFOSE-M	38.0		10-130
STL02278	d9-N-EtFOSE-M	34.9		10-130
STL02704	d5-NEtPFOSA	56.8		10-130
STL02705	d3-NMePFOSA	64.8		10-130
960315-52-0	13C2 PFDoA	69.6		10-130
STL03747	13C3-3:3 FTCA	102		20-150
STL03748	13C3-5:3 FTCA	96.6		20-150
STL03731	13C3-PFDoS	57.2		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240274-3

Matrix: Water
Lab File ID: 26JUL22E-47.d

Analysis Method: 1633A
Date Collected: 07/09/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/17/2026 07:43

Sample wt/vol: 185.24(mL)
Date Analyzed: 07/22/2026 18:25

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855628
Units: ng/L

Preparation Batch No.: 853189
Instrument ID: 30571

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
375-22-4	Perfluorobutanoic acid (PFBA)	5.3		2.7	0.74	
2706-90-3	Perfluoropentanoic acid (PFPeA)	3.8		1.3	0.40	
307-24-4	Perfluorohexanoic acid (PFHxA)	35	F2 F1	1.3	0.34	J
375-85-9	Perfluoroheptanoic acid (PFHpA)	1.4	F1	1.3	0.54	J
335-67-1	Perfluorooctanoic acid (PFOA)	1.5	F1	1.3	0.61	J
375-95-1	Perfluorononanoic acid (PFNA)	ND		1.3	0.34	
335-76-2	Perfluorodecanoic acid (PFDA)	ND	F1	1.3	0.34	J
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		1.3	0.34	
307-55-1	Perfluorododecanoic acid (PFDoA)	ND	F1	1.3	0.34	J
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND	F1	1.3	0.34	J
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		1.3	0.34	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.65	J	1.3	0.34	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		1.3	0.34	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.62	J	1.3	0.54	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		1.3	0.34	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		1.3	0.88	
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		1.3	0.34	
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		1.3	0.34	
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		1.3	0.40	
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.7	0.67	
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.0	J	2.7	0.67	
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.7	0.67	
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		1.3	0.34	
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.3	0.34	
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.3	0.74	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240274-3

Matrix: Water
Lab File ID: 26JUL22E-47.d

Analysis Method: 1633A
Date Collected: 07/09/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/17/2026 07:43

Sample wt/vol: 185.24(mL)
Date Analyzed: 07/22/2026 18:25

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855628
Units: ng/L

Preparation Batch No.: 853189
Instrument ID: 30571

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.3	0.34
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.3	0.34
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		6.7	2.7
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		6.7	2.7
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.3	0.94
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.3	0.34
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.3	0.34
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.3	0.34
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.3	0.34
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		1.3	0.34
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		1.3	0.34
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.3	0.34
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.7	0.67
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		6.7	1.9
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		6.7	1.7

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4
Lab Sample ID: 480-240274-3

Matrix: Water
Lab File ID: 26JUL22E-47.d

Analysis Method: 1633A
Date Collected: 07/09/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/17/2026 07:43

Sample wt/vol: 185.24(mL)
Date Analyzed: 07/22/2026 18:25

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 855628
Units: ng/L

Preparation Batch No.: 853189
Instrument ID: 30571

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	71.1		5-130
2283397-79-3	13C5 PFPeA	81.2		40-130
2328024-54-8	13C5 PFHxA	77.1		40-130
2328024-55-9	13C4 PFHpA	77.4		40-130
1350614-84-4	13C8 PFOA	67.2		40-130
2283397-80-6	13C9 PFNA	69.5		40-130
2328024-56-0	13C6 PFDA	59.9		40-130
STL02580	13C7 PFUnA	55.2		30-130
STL02116	13C2 PFTeDA	59.0		10-130
2708218-83-9	13C3 PFBS	67.8		40-135
2708218-85-1	13C3 PFHxS	61.7		40-130
2265893-05-6	13C8 PFOS	58.0		40-130
STL01056	13C8 FOSA	57.0		40-130
1400690-70-1	d3-NMeFOSAA	60.0		40-170
1265205-97-7	d5-NEtFOSAA	56.5		25-135
STL02395	13C2 4:2 FTS	118		40-200
STL02279	13C2 6:2 FTS	86.6		40-200
STL02280	13C2 8:2 FTS	88.1		40-300
STL02255	13C3 HFPO-DA	82.2		40-130
STL02277	d7-N-MeFOSE-M	49.6		10-130
STL02278	d9-N-EtFOSE-M	48.6		10-130
STL02704	d5-NEtPFOSA	46.4		10-130
STL02705	d3-NMePFOSA	52.4		10-130
960315-52-0	13C2 PFDoA	54.9		10-130
STL03747	13C3-3:3 FTCA	106		20-150
STL03748	13C3-5:3 FTCA	67.9		20-150
STL03731	13C3-PFDoS	57.7		20-150

METALS

COVER PAGE
METALS

Lab Name: Eurofins Buffalo Job Number: 480-240274-1

SDG No.:

Project: 375 Michigan RI - Groundwater

Client Sample ID	Lab Sample ID
RI-MW-1	480-240274-1
RI-MW-1-DUP	480-240274-2
RI-MW-4	480-240274-3

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240274-1

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG ID.:

Matrix: Water | Date Sampled: 07/09/2026 00:00

Reporting Basis: WET | Date Received: 07/09/2026 18:39

Preparation Batch Number: 780479 | Instrument ID: ICAP4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	0.12	0.20	0.060	mg/L	J		1	6010D	
7440-36-0	Antimony	ND	0.020	0.0068	mg/L			1	6010D	
7440-38-2	Arsenic	ND	0.015	0.0056	mg/L			1	6010D	
7440-39-3	Barium	0.070	0.0020	0.00070	mg/L			1	6010D	
7440-41-7	Beryllium	ND	0.0020	0.00030	mg/L			1	6010D	
7440-43-9	Cadmium	0.00051	0.0020	0.00050	mg/L	J		1	6010D	
7440-70-2	Calcium	141	0.50	0.10	mg/L			1	6010D	
7440-47-3	Chromium	0.0012	0.0040	0.0010	mg/L	J		1	6010D	
7440-48-4	Cobalt	ND	0.0040	0.00063	mg/L			1	6010D	
7440-50-8	Copper	ND	0.010	0.0016	mg/L		^5+	1	6010D	
7439-89-6	Iron	0.22	0.050	0.019	mg/L			1	6010D	J
7439-92-1	Lead	0.0045	0.010	0.0030	mg/L	J		1	6010D	
7439-95-4	Magnesium	137	0.20	0.043	mg/L			1	6010D	
7439-96-5	Manganese	0.087	0.0030	0.00040	mg/L			1	6010D	
7440-02-0	Nickel	0.0030	0.010	0.0013	mg/L	J		1	6010D	
7440-09-7	Potassium	4.2	0.50	0.10	mg/L			1	6010D	
7782-49-2	Selenium	ND	0.025	0.0087	mg/L			1	6010D	
7440-22-4	Silver	ND	0.0060	0.0017	mg/L			1	6010D	
7440-23-5	Sodium	55.5	1.0	0.32	mg/L			1	6010D	
7440-28-0	Thallium	ND	0.020	0.010	mg/L		^5+	1	6010D	
7440-62-2	Vanadium	ND	0.0050	0.0015	mg/L			1	6010D	
7440-66-6	Zinc	0.015	0.010	0.0015	mg/L		B	1	6010D	
7439-97-6	Mercury	ND	0.00020	0.000042	mg/L			1	7470A	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2
Lab Name: Eurofins Buffalo
Job No.: 480-240274-1
SDG ID.:
Matrix: Water
Date Sampled: 07/09/2026 00:00
Reporting Basis: WET
Date Received: 07/09/2026 18:39
Preparation Batch Number: 780479
Instrument ID: ICAP4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	1.9	0.20	0.060	mg/L			1	6010D	
7440-36-0	Antimony	ND	0.020	0.0068	mg/L			1	6010D	
7440-38-2	Arsenic	ND	0.015	0.0056	mg/L			1	6010D	
7440-39-3	Barium	0.068	0.0020	0.00070	mg/L			1	6010D	
7440-41-7	Beryllium	ND	0.0020	0.00030	mg/L			1	6010D	
7440-43-9	Cadmium	ND	0.0020	0.00050	mg/L			1	6010D	
7440-70-2	Calcium	137	0.50	0.10	mg/L			1	6010D	
7440-47-3	Chromium	0.0024	0.0040	0.0010	mg/L	J		1	6010D	
7440-48-4	Cobalt	0.00080	0.0040	0.00063	mg/L	J		1	6010D	
7440-50-8	Copper	ND	0.010	0.0016	mg/L		^5+	1	6010D	
7439-89-6	Iron	1.7	0.050	0.019	mg/L			1	6010D	J
7439-92-1	Lead	0.0034	0.010	0.0030	mg/L	J		1	6010D	
7439-95-4	Magnesium	155	0.20	0.043	mg/L			1	6010D	
7439-96-5	Manganese	0.10	0.0030	0.00040	mg/L			1	6010D	
7440-02-0	Nickel	0.0037	0.010	0.0013	mg/L	J		1	6010D	
7440-09-7	Potassium	4.0	0.50	0.10	mg/L			1	6010D	
7782-49-2	Selenium	ND	0.025	0.0087	mg/L			1	6010D	
7440-22-4	Silver	ND	0.0060	0.0017	mg/L			1	6010D	
7440-23-5	Sodium	52.0	1.0	0.32	mg/L			1	6010D	
7440-28-0	Thallium	ND	0.020	0.010	mg/L		^5+	1	6010D	
7440-62-2	Vanadium	0.0017	0.0050	0.0015	mg/L	J		1	6010D	
7440-66-6	Zinc	~~0.0090~~ 0.010 UJ	0.010	0.0015	mg/L	J	B	1	6010D	UJ
7439-97-6	Mercury	ND	0.00020	0.000042	mg/L			1	7470A	

MKP 8/4/2026

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG ID.:

Matrix: Water | Date Sampled: 07/09/2026 00:00

Reporting Basis: WET | Date Received: 07/09/2026 18:39

Preparation Batch Number: 780479 | Instrument ID: ICAP4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	1.2	0.20	0.060	mg/L			1	6010D	
7440-36-0	Antimony	ND	0.020	0.0068	mg/L			1	6010D	
7440-38-2	Arsenic	0.0086	0.015	0.0056	mg/L	J		1	6010D	
7440-39-3	Barium	0.16	0.0020	0.00070	mg/L			1	6010D	
7440-41-7	Beryllium	ND	0.0020	0.00030	mg/L			1	6010D	
7440-43-9	Cadmium	ND	0.0020	0.00050	mg/L			1	6010D	
7440-70-2	Calcium	104	0.50	0.10	mg/L			1	6010D	
7440-47-3	Chromium	0.0030	0.0040	0.0010	mg/L	J		1	6010D	
7440-48-4	Cobalt	ND	0.0040	0.00063	mg/L			1	6010D	
7440-50-8	Copper	ND	0.010	0.0016	mg/L		^5+	1	6010D	
7439-89-6	Iron	2.4	0.050	0.019	mg/L		F1	1	6010D	
7439-92-1	Lead	0.0045	0.010	0.0030	mg/L	J		1	6010D	
7439-95-4	Magnesium	93.2	0.20	0.043	mg/L			1	6010D	
7439-96-5	Manganese	0.056	0.0030	0.00040	mg/L			1	6010D	
7440-02-0	Nickel	ND	0.010	0.0013	mg/L			1	6010D	
7440-09-7	Potassium	3.7	0.50	0.10	mg/L			1	6010D	
7782-49-2	Selenium	ND	0.025	0.0087	mg/L			1	6010D	
7440-22-4	Silver	ND	0.0060	0.0017	mg/L			1	6010D	
7440-23-5	Sodium	195	1.0	0.32	mg/L			1	6010D	
7440-28-0	Thallium	ND	0.020	0.010	mg/L		^5+	1	6010D	
7440-62-2	Vanadium	ND	0.0050	0.0015	mg/L			1	6010D	
7440-66-6	Zinc	0.0089	0.010	0.0015	mg/L	J	B	1	6010D	UJ
7439-97-6	Mercury	ND	0.00020	0.000042	mg/L			1	7470A	

0.010 UJ

MKP 8/4/2026

GENERAL CHEMISTRY

No data validation qualifieres were added

MKP 8/4/2026

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job Number: 480-240274-1

SDG No.:

Project: 375 Michigan RI - Groundwater

Client Sample ID	Lab Sample ID
RI-MW-1	480-240274-1
RI-MW-1-DUP	480-240274-2
RI-MW-4	480-240274-3

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-MW-1 | Lab Sample ID: 480-240274-1

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG ID.:

Matrix: Water | Date Sampled: 07/09/2026 00:00

Reporting Basis: WET | Date Received: 07/09/2026 18:39

Preparation Batch Number: | Instrument ID: Skalar_San+2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.010	0.010	0.0041	mg/L			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-MW-1-DUP
Lab Sample ID: 480-240274-2
Lab Name: Eurofins Buffalo
Job No.: 480-240274-1
SDG ID.:
Matrix: Water
Date Sampled: 07/09/2026 00:00
Reporting Basis: WET
Date Received: 07/09/2026 18:39
Preparation Batch Number:
Instrument ID: Skalar_San+2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	0.010	0.010	0.0041	mg/L			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-MW-4 | Lab Sample ID: 480-240274-3

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG ID.:

Matrix: Water | Date Sampled: 07/09/2026 00:00

Reporting Basis: WET | Date Received: 07/09/2026 18:39

Preparation Batch Number: | Instrument ID: Skalar_San+2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	0.010	0.0041	mg/L			1	9012B

Shipping and Receiving Documents

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins

Client Information	Sampler: W11 Goldsmith	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214745-42932.1
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Brydges Engineering in Environment & Energy DPC	PWSID:	**Analysis Requested**		Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			Preservation Codes: N None; B NaOH; D HNO3; A HCL
City: Buffalo	TAT Requested (days): 5 day			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI - Groundwater	Project #: 48030331			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	8270E_LL_QQQ 1,4 Dioxane	9012B_NP Cyanide, Total	8082A Part 375 PCBs	8081B TCL Pesticides	8270E TCL SVOCs + TICs	6010D, 7470A	8260D TCL VOCs + TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	B	N	N	N	D	A		
RI-MW-1				Water			X	X	X	X	X	X	X	X		
RI-MW-1-Dup				Water												
RI-MW-4				Water												
RI-MW-4 MS				Water												
RI-MW-4 MSD				Water												
				Water												
				Water												
				Water												
				Water												

480-240274 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	William Goldsmith	7/9/26 16 40		Le	7/9/26 18:39	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.2, 4.6 IR#1 ICE

Ver: 03/20/2026

07/24/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99477.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240274-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/22/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_SPELIst of 40 based on EPA method	PRE_SCREEN_PFAS/PFAS_PreScn_W_PPrescreening Procedure	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
RI-MW-1 (480-240274-1)	7/9/26	Eastern	G	Water			X	X	2	
RI-MW-1-DUP (480-240274-2)	7/9/26	Eastern	G	Water			X	X	2	
RI-MW-4 (480-240274-3)	7/9/26	Eastern	G	Water			X	X	2	
RI-MW-4 (480-240274-3MS)	7/9/26	Eastern	G	Water			X	X	2	
RI-MW-4 (480-240274-3MSD)	7/9/26	Eastern	G	Water			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
C	7-10-26				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/13/26 1245	Company

Custody Seals Intact: ☒ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 11.5-14.0 C: 11.3-13.8

Ver: 03/20/2026

Appendix B

Laboratory QC Documentation

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240274-1

SDG No.:

Matrix: Water Level: Low Lab File ID: D03535.d

Lab ID: 480-240274-3 MS Client ID: RI-MW-4 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	ND	29.1	116	73-126	
1,1,2,2-Tetrachloroethane	25.0	ND	31.2	125	76-120	F1
1,1,2-Trichloroethane	25.0	ND	28.9	116	76-122	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	ND	31.0	124	61-148	
1,1-Dichloroethane	25.0	ND	29.5	118	77-120	
1,1-Dichloroethene	25.0	ND	31.3	125	66-127	
1,2,4-Trichlorobenzene	25.0	ND	29.7	119	79-122	
1,2-Dibromo-3-Chloropropane	25.0	ND	31.3	125	56-134	
1,2-Dichlorobenzene	25.0	ND	28.5	114	80-124	
1,2-Dichloroethane	25.0	ND	26.6	106	75-120	
1,2-Dichloropropane	25.0	ND	29.6	118	76-120	
1,3-Dichlorobenzene	25.0	ND	29.5	118	77-120	
1,4-Dichlorobenzene	25.0	ND	28.2	113	78-124	
2-Butanone (MEK)	125	ND	133	106	57-140	
2-Hexanone	125	ND	116	93	65-127	
4-Methyl-2-pentanone (MIBK)	125	ND	147	118	71-125	
Acetone	125	ND	119	95	56-142	
Benzene	25.0	ND	29.5	118	71-124	
Bromodichloromethane	25.0	ND	31.0	124	80-122	F1
Bromoform	25.0	ND	27.9	112	61-132	
Bromomethane	25.0	ND	25.7	103	55-144	
Carbon disulfide	25.0	ND	28.6	115	59-134	
Carbon tetrachloride	25.0	ND	30.2	121	72-134	
Chlorobenzene	25.0	ND	29.1	117	80-120	
Dibromochloromethane	25.0	ND	29.0	116	75-125	
Chloroethane	25.0	ND	27.1	108	69-136	
Chloroform	25.0	ND	27.3	109	73-127	
Chloromethane	25.0	ND	27.6	110	68-124	
cis-1,2-Dichloroethene	25.0	ND	29.3	117	74-124	
cis-1,3-Dichloropropene	25.0	ND	26.6	107	74-124	
Cyclohexane	25.0	ND	31.6	126	59-135	
Dichlorodifluoromethane	25.0	ND	31.6	126	59-135	
Ethylbenzene	25.0	ND	30.2	121	77-123	
1,2-Dibromoethane	25.0	ND	31.1	124	77-120	F1
Isopropylbenzene	25.0	ND	33.7	135	77-122	F1
Methyl acetate	50.0	ND	57.8	116	74-133	
Methyl tert-butyl ether	25.0	ND	27.3	109	77-120	
Methylcyclohexane	25.0	ND	30.8	123	68-134	
Methylene Chloride	25.0	ND	27.6	110	75-124	
Styrene	25.0	ND	27.6	110	80-120	
Tetrachloroethene	25.0	ND	31.9	128	74-122	F1

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240274-1

SDG No.:

Matrix: Water Level: Low Lab File ID: D03535.d

Lab ID: 480-240274-3 MS Client ID: RI-MW-4 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Toluene	25.0	ND	30.7	123	80-122	F1
trans-1,2-Dichloroethene	25.0	ND	30.1	120	73-127	
trans-1,3-Dichloropropene	25.0	ND	30.3	121	80-120	F1
Trichloroethene	25.0	ND	30.1	120	74-123	
Trichlorofluoromethane	25.0	ND	28.1	112	62-150	
Vinyl chloride	25.0	ND	28.8	115	65-133	

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240274-1

SDG No.:

Matrix: Water Level: Low Lab File ID: D03536.d

Lab ID: 480-240274-3 MSD Client ID: RI-MW-4 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	27.9	112	4	15	73-126	
1,1,2,2-Tetrachloroethane	25.0	30.9	124	1	15	76-120	F1
1,1,2-Trichloroethane	25.0	26.9	108	7	15	76-122	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.9	115	7	20	61-148	
1,1-Dichloroethane	25.0	28.1	113	5	20	77-120	
1,1-Dichloroethene	25.0	29.0	116	7	16	66-127	
1,2,4-Trichlorobenzene	25.0	28.9	116	3	20	79-122	
1,2-Dibromo-3-Chloropropane	25.0	30.3	121	3	15	56-134	
1,2-Dichlorobenzene	25.0	27.7	111	3	20	80-124	
1,2-Dichloroethane	25.0	26.4	106	1	20	75-120	
1,2-Dichloropropane	25.0	28.6	114	3	20	76-120	
1,3-Dichlorobenzene	25.0	28.7	115	3	20	77-120	
1,4-Dichlorobenzene	25.0	27.7	111	2	20	78-124	
2-Butanone (MEK)	125	130	104	2	20	57-140	
2-Hexanone	125	114	91	2	15	65-127	
4-Methyl-2-pentanone (MIBK)	125	137	110	7	35	71-125	
Acetone	125	108	87	9	15	56-142	
Benzene	25.0	28.5	114	3	13	71-124	
Bromodichloromethane	25.0	29.6	118	5	15	80-122	
Bromoform	25.0	26.3	105	6	15	61-132	
Bromomethane	25.0	23.8	95	8	15	55-144	
Carbon disulfide	25.0	26.6	106	7	15	59-134	
Carbon tetrachloride	25.0	29.3	117	3	15	72-134	
Chlorobenzene	25.0	27.6	110	5	25	80-120	
Dibromochloromethane	25.0	27.2	109	6	15	75-125	
Chloroethane	25.0	25.0	100	8	15	69-136	
Chloroform	25.0	26.3	105	4	20	73-127	
Chloromethane	25.0	25.8	103	7	15	68-124	
cis-1,2-Dichloroethene	25.0	28.2	113	4	15	74-124	
cis-1,3-Dichloropropene	25.0	25.9	104	3	15	74-124	
Cyclohexane	25.0	30.0	120	5	20	59-135	
Dichlorodifluoromethane	25.0	30.6	122	3	20	59-135	
Ethylbenzene	25.0	29.0	116	4	15	77-123	
1,2-Dibromoethane	25.0	30.0	120	4	15	77-120	
Isopropylbenzene	25.0	32.8	131	3	20	77-122	F1
Methyl acetate	50.0	56.0	112	3	20	74-133	
Methyl tert-butyl ether	25.0	25.9	104	5	37	77-120	
Methylcyclohexane	25.0	29.7	119	4	20	68-134	
Methylene Chloride	25.0	26.1	104	6	15	75-124	
Styrene	25.0	26.5	106	4	20	80-120	
Tetrachloroethene	25.0	29.7	119	7	20	74-122	

Column to be used to flag recovery and RPD values

FORM III EPA 8260D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-240274-1

SDG No.:

Matrix: Water Level: Low Lab File ID: Y072888.D

Lab ID: 480-240274-3 MS Client ID: RI-MW-4 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chrysene	32.0	ND	16.5	51	44-122	
Dibenz(a,h)anthracene	32.0	ND	16.0	50	16-139	
Di-n-butyl phthalate	32.0	0.67 J	20.6	62	65-129	F1
Di-n-octyl phthalate	32.0	ND	15.8	49	16-150	
Dibenzofuran	32.0	ND	22.0	69	60-120	
Diethyl phthalate	32.0	ND	22.8	71	53-133	
Dimethyl phthalate	32.0	ND	23.4	73	59-123	
Fluoranthene	32.0	ND	22.7	71	63-129	
Fluorene	32.0	ND	21.9	68	62-120	
Hexachlorobenzene	32.0	ND	19.3	60	57-121	
Hexachlorobutadiene	32.0	ND	17.2	54	37-120	
Hexachlorocyclopentadiene	32.0	ND	11.8	37	21-120	
Hexachloroethane	32.0	ND	16.3	51	16-130	
Indeno[1,2,3-cd]pyrene	32.0	ND	16.0	50	16-140	
Isophorone	32.0	ND	21.1	66	48-133	
N-Nitrosodi-n-propylamine	32.0	ND	20.1	63	49-120	
N-Nitrosodiphenylamine	32.0	ND	23.0	72	39-138	
Naphthalene	32.0	ND	19.9	62	45-120	
Nitrobenzene	32.0	ND	20.3	63	45-123	
Pentachlorophenol	64.0	ND	39.8	62	10-149	
Phenanthrene	32.0	ND	22.8	71	65-122	
Phenol	32.0	ND	11.2	35	16-120	
Pyrene	32.0	ND	21.5	67	58-128	

Column to be used to flag recovery and RPD values

FORM III EPA 8270E

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Lab Sample ID: CCVIS 480-780620/3 | Calibration Date: 07/14/2026 11:33

Instrument ID: HP5973Y | Calib Start Date: 07/08/2026 15:17

GC Column: RXI-5Sil MS ID: 0.25(mm) | Calib End Date: 07/08/2026 18:22

Lab File ID: Y072872.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Biphenyl	Ave	1.847	1.858	0.0100	4030	4000	1.0	20.0
2-Chloronaphthalene	Ave	1.445	1.428	0.8000	3950	4000	-1.0	20.0
2-Nitroaniline	Lin2		0.3547	0.0100	3760	4000	-6.0	20.0
Dimethyl phthalate	Ave	1.480	1.465	0.0100	3960	4000	-1.0	20.0
1,3-Dinitrobenzene	Lin2		0.1359	0.0100	4090	4000	2.0	20.0
2,6-Dinitrotoluene	Lin2		0.3453	0.2000	4060	4000	2.0	20.0
Acenaphthylene	Lin2		2.172	0.9000	3790	4000	-5.0	20.0
3-Nitroaniline	Ave	0.2562	0.1775	0.0100	2770	4000	-31.0*	20.0
2,4-Dinitrophenol	Lin1		0.1811	0.0100	7930	8000	-1.0	20.0
Acenaphthene	Lin2		1.504	0.9000	3870	4000	-3.0	20.0
4-Nitrophenol	Lin2		0.1836	0.0100	8250	8000	3.0	20.0
2,4-Dinitrotoluene	Lin2		0.4359	0.2000	3940	4000	-1.0	20.0
Dibenzofuran	Ave	1.970	2.021	0.8000	4100	4000	3.0	20.0
2,3,4,6-Tetrachlorophenol	Lin2		0.3780	0.0100	4130	4000	3.0	20.0
Hexadecane	Lin2		0.8685	0.0100	3730	4000	-7.0	20.0
Diethyl phthalate	Ave	1.525	1.450	0.0100	3800	4000	-5.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.7586	0.7610	0.4000	4010	4000	0.0	20.0
4-Nitroaniline	Ave	0.2330	0.2021	0.0100	3470	4000	-13.0	20.0
Fluorene	Lin2		1.690	0.9000	3930	4000	-2.0	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1685	0.0100	7770	8000	-3.0	20.0
Diphenylamine	Ave	0.8275	0.7914	0.0100	3270	3420	-4.0	20.0
N-Nitrosodiphenylamine	Ave	0.7075	0.6766	0.0100	3830	4000	-4.0	20.0
1,2-Diphenylhydrazine	Ave	0.9722	0.9290	0.0100	3820	4000	-4.0	20.0
Azobenzene	Ave	0.9722	0.9290	0.0100	3820	4000	-4.0	20.0
4-Bromophenyl phenyl ether	Lin2		0.2740	0.1000	3830	4000	-4.0	20.0
Atrazine	Lin2		0.3354	0.0100	3860	4000	-3.0	20.0
Hexachlorobenzene	Lin1		0.3015	0.1000	3370	4000	-16.0	20.0
n-Octadecane	Lin2		0.5372	0.0100	3680	4000	-8.0	20.0
Pentachlorophenol	Lin1		0.2035	0.0500	7630	8000	-5.0	20.0
Phenanthrene	Ave	1.428	1.402	0.7000	3930	4000	-2.0	20.0
Anthracene	Lin2		1.408	0.7000	3850	4000	-4.0	20.0
Carbazole	Lin1		1.141	0.0100	4820	4000	21.0*	20.0
Di-n-butyl phthalate	Lin2		1.527	0.0100	3770	4000	-6.0	20.0
Fluoranthene	Lin2		1.540	0.6000	3990	4000	0.0	20.0
Pyrene	Ave	1.661	1.754	0.6000	4220	4000	6.0	20.0
Butyl benzyl phthalate	Lin2		0.6842	0.0100	3730	4000	-7.0	20.0
Bis(2-ethylhexyl) phthalate	Lin2		0.9611	0.0100	3700	4000	-7.0	20.0
Benzo[a]anthracene	Ave	1.658	1.653	0.8000	3990	4000	0.0	20.0
Chrysene	Ave	1.588	1.583	0.7000	3990	4000	0.0	20.0
Di-n-octyl phthalate	Lin2		1.676	0.0100	3760	4000	-6.0	20.0
Benzo[b]fluoranthene	Lin2		1.445	0.7000	3700	4000	-7.0	20.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-780473/1-A

Matrix: Water | Lab File ID: Y072885.D

Analysis Method: EPA 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 17:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

Number TICs Found: 12 | TIC Result Total: 149.48

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	4.88	34.0	T J	
	Unknown	11.33	2.43	T J	
7206-21-5	5-Octadecene, (E)-	11.60	6.28	T J N	99%
	Unknown	11.83	25.8	T J	
	Unknown	12.53	4.95	T J	
	Unknown	12.96	8.69	T J	
	Unknown	13.37	1.83	T J	
	Unknown	14.03	8.70	T J	
	Unknown	14.42	2.34	T J	
	Unknown	14.70	25.6	T J	
	Unknown	15.60	4.46	T J	
	Unknown	15.96	24.4	T J	

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240274-1

SDG No.:

Client Sample ID: RI-MW-4 Lab Sample ID: 480-240274-3

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 07/13/2026 10:40 Date Analyzed (2): 07/13/2026 10:40

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
delta-BHC	1		3.31	3.30	3.36	0.030		19.4
	2		3.94	3.93	3.99	0.025		
Methoxychlor	1		6.11	6.09	6.15	0.063		65.6
	2		7.17	7.11	7.17	0.032		

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240274-1

SDG No.:

Lab Sample ID: ICV 480-778736/20 Calibration Date: 06/19/2026 18:59

Instrument ID: HP6890-5 Calib Start Date: 06/19/2026 17:21

GC Column: RTX-CLPI ID: 0.53(mm) Calib End Date: 06/19/2026 18:40

Lab File ID: 5_89418.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		0.0295		0.281	0.500	-44.0*	20.0
Toxaphene Peak 2	Lin1		0.0742		0.489	0.500	-2.0	20.0
Toxaphene Peak 3	Lin1		0.0385		0.499	0.500	0.0	20.0
Toxaphene Peak 4	Lin1		0.0221		0.310	0.500	-38.0*	20.0
Toxaphene Peak 5	Lin1		0.0483		0.653	0.500	31.0*	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240274-1

SDG No.:

Lab Sample ID: ICV 480-778736/20 Calibration Date: 06/19/2026 18:59

Instrument ID: HP6890-5 Calib Start Date: 06/19/2026 17:21

GC Column: RTX-CLPII ID: 0.53(mm) Calib End Date: 06/19/2026 18:40

Lab File ID: 5_89418.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		0.0197		0.414	0.500	-17.0	20.0
Toxaphene Peak 2	Lin1		0.0171		0.267	0.500	-47.0*	20.0
Toxaphene Peak 3	Lin1		0.0437		0.403	0.500	-19.0	20.0
Toxaphene Peak 4	Lin1		0.0333		0.500	0.500	0.0	20.0
Toxaphene Peak 5	Lin1		0.0373		0.646	0.500	29.0*	20.0

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240274-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-780417/1-A

Matrix: Water | Lab File ID: 5_90318.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 07/10/2026 13:13

Sample wt/vol: 250(mL) | Date Analyzed: 07/13/2026 09:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780486 | Units: ug/L

Preparation Batch No.: 780417 | Instrument ID: HP6890-5

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	ND		0.050	0.0092
72-55-9	4,4'-DDE	ND		0.050	0.012
50-29-3	4,4'-DDT	ND		0.050	0.011
309-00-2	Aldrin	ND		0.050	0.0081
319-84-6	alpha-BHC	ND		0.050	0.0077
5103-71-9	cis-Chlordane	ND		0.050	0.015
319-85-7	beta-BHC	ND		0.050	0.025
319-86-8	delta-BHC	ND		0.050	0.010
60-57-1	Dieldrin	ND		0.050	0.0098
959-98-8	Endosulfan I	ND		0.050	0.011
33213-65-9	Endosulfan II	ND		0.050	0.012
1031-07-8	Endosulfan sulfate	ND		0.050	0.016
72-20-8	Endrin	ND		0.050	0.014
7421-93-4	Endrin aldehyde	ND		0.050	0.016
53494-70-5	Endrin ketone	ND		0.050	0.012
58-89-9	gamma-BHC (Lindane)	0.00863	J	0.050	0.0080
5103-74-2	trans-Chlordane	ND		0.050	0.011
76-44-8	Heptachlor	ND		0.050	0.0085
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074
72-43-5	Methoxychlor	ND		0.050	0.014
8001-35-2	Toxaphene	ND		0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		10-120
877-09-8	Tetrachloro-m-xylene	86		10-120

FORM III
PFAS MATRIX SPIKE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240274-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 26JUL22E-48.d

Lab ID: 480-240274-3 MS Client ID: RI-MW-4 MS

COMPOUND	SPIKE ADDED (ng/L)	SAMPLE CONCENTRATION (ng/L)	MS CONCENTRATION (ng/L)	MS % REC	QC LIMITS REC	#
Perfluorobutanoic acid (PFBA)	54.3	5.3	53.0	88	70-140	
Perfluoropentanoic acid (PFPeA)	27.1	3.8	24.9	78	65-135	
Perfluorohexanoic acid (PFHxA)	27.1	35	33.8	-4	70-145	F1
Perfluoroheptanoic acid (PFHpA)	27.1	1.4	19.8	68	70-150	F1
Perfluorooctanoic acid (PFOA)	27.1	1.5	18.1	61	70-150	F1
Perfluorononanoic acid (PFNA)	27.1	ND	22.1	82	70-150	
Perfluorodecanoic acid (PFDA)	27.1	ND	18.5	68	70-140	F1
Perfluoroundecanoic acid (PFUnA)	27.1	ND	19.9	73	70-145	
Perfluorododecanoic acid (PFDoA)	27.1	ND	17.7	65	70-140	F1
Perfluorotridecanoic acid (PFTrDA)	27.1	ND	17.2	64	65-140	F1
Perfluorotetradecanoic acid (PFTeDA)	27.1	ND	18.3	68	60-140	
Perfluorobutanesulfonic acid (PFBS)	24.1	0.65 J	21.4	86	60-145	
Perfluoropentanesulfonic acid (PFPeS)	25.5	ND	21.7	85	65-140	
Perfluorohexanesulfonic acid (PFHxS)	24.7	0.62 J	22.5	88	65-145	
Perfluoroheptanesulfonic acid (PFHpS)	25.9	ND	23.1	89	70-150	
Perfluorooctanesulfonic acid (PFOS)	25.2	ND	22.2	88	55-150	
Perfluorononanesulfonic acid (PFNS)	26.1	ND	23.5	90	65-145	
Perfluorodecanesulfonic acid (PFDS)	26.2	ND	20.5	78	60-145	
Perfluorododecanesulfonic acid (PFDoS)	26.3	ND	21.5	82	50-145	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	50.9	ND	45.0	88	70-145	
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	51.7	1.0 J	45.2	86	65-155	
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	52.1	ND	48.6	93	60-150	
Perfluorooctanesulfonamide (PFOSA)	27.1	ND	23.7	87	70-145	

Column to be used to flag recovery and RPD values

FORM III 1633A

FORM III
PFAS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 480-240274-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 26JUL22E-49.d

Lab ID: 480-240274-3 MSD Client ID: RI-MW-4 MSD

COMPOUND	SPIKE ADDED (ng/L)	MSD CONCENTRATION (ng/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Perfluorobutanoic acid (PFBA)	53.7	55.2	93	4	30	70-140	
Perfluoropentanoic acid (PFPeA)	26.9	27.6	89	10	30	65-135	
Perfluorohexanoic acid (PFHxA)	26.9	53.3	69	45	30	70-145	F2 F1
Perfluoroheptanoic acid (PFHpA)	26.9	20.3	70	2	30	70-150	
Perfluorooctanoic acid (PFOA)	26.9	18.9	65	5	30	70-150	F1
Perfluorononanoic acid (PFNA)	26.9	23.6	88	6	30	70-150	
Perfluorodecanoic acid (PFDA)	26.9	19.4	72	5	30	70-140	
Perfluoroundecanoic acid (PFUnA)	26.9	20.2	75	1	30	70-145	
Perfluorododecanoic acid (PFDoA)	26.9	18.6	69	5	30	70-140	F1
Perfluorotridecanoic acid (PFTrDA)	26.9	17.3	65	1	30	65-140	
Perfluorotetradecanoic acid (PFTeDA)	26.9	19.4	72	5	30	60-140	
Perfluorobutanesulfonic acid (PFBS)	23.9	20.7	84	3	30	60-145	
Perfluoropentanesulfonic acid (PFPeS)	25.3	22.0	87	1	30	65-140	
Perfluorohexanesulfonic acid (PFHxS)	24.5	21.8	87	3	30	65-145	
Perfluoroheptanesulfonic acid (PFHpS)	25.6	24.2	94	4	30	70-150	
Perfluorooctanesulfonic acid (PFOS)	25.0	22.7	91	2	30	55-150	
Perfluorononanesulfonic acid (PFNS)	25.8	23.7	92	1	30	65-145	
Perfluorodecanesulfonic acid (PFDS)	25.9	20.0	77	2	30	60-145	
Perfluorododecanesulfonic acid (PFDoS)	26.1	21.8	84	1	30	50-145	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	50.4	48.6	96	8	30	70-145	
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	51.2	45.5	87	1	30	65-155	
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	51.6	44.9	87	8	30	60-150	
Perfluorooctanesulfonamide (PFOSA)	26.9	26.0	97	9	30	70-145	

Column to be used to flag recovery and RPD values

FORM III 1633A

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Buffalo Job No.: 480-240274-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 480-780479/1-A

Instrument Code: ICAP4 Batch No.: 780571

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	ND			6010D
7440-36-0	Antimony	ND			6010D
7440-38-2	Arsenic	ND			6010D
7440-39-3	Barium	ND			6010D
7440-41-7	Beryllium	ND			6010D
7440-43-9	Cadmium	ND			6010D
7440-70-2	Calcium	ND			6010D
7440-47-3	Chromium	ND			6010D
7440-48-4	Cobalt	ND			6010D
7440-50-8	Copper	ND		^5+	6010D
7439-89-6	Iron	ND			6010D
7439-92-1	Lead	ND			6010D
7439-95-4	Magnesium	ND			6010D
7439-96-5	Manganese	ND			6010D
7440-02-0	Nickel	ND			6010D
7440-09-7	Potassium	ND			6010D
7782-49-2	Selenium	ND			6010D
7440-22-4	Silver	ND			6010D
7440-23-5	Sodium	ND			6010D
7440-28-0	Thallium	ND		^5+	6010D
7440-62-2	Vanadium	ND			6010D
7440-66-6	Zinc	0.00168	J		6010D

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: RI-MW-4 MS Lab ID: 480-240274-3 MS

Lab Name: Eurofins Buffalo Job No.: 480-240274-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	5.18		1.2		5.10	79	75-125		6010D
Antimony	0.509		ND		0.500	102	75-125		6010D
Arsenic	1.06		0.0086	J	1.00	105	75-125		6010D
Barium	1.28		0.16		1.00	112	75-125		6010D
Beryllium	0.537		ND		0.501	107	75-125		6010D
Cadmium	0.521		ND		0.500	104	75-125		6010D
Calcium	113.9		104		25.0	41	75-125	4	6010D
Chromium	0.500		0.0030	J	0.500	99	75-125		6010D
Cobalt	0.520		ND		0.500	104	75-125		6010D
Copper	0.517		ND		0.500	103	75-125	^5+	6010D
Iron	5.69		2.4		5.10	64	75-125	F1	6010D
Lead	0.534		0.0045	J	0.500	106	75-125		6010D
Magnesium	122.8		93.2		25.0	119	75-125		6010D
Manganese	0.541		0.056		0.500	97	75-125		6010D
Nickel	0.509		ND		0.500	102	75-125		6010D
Potassium	29.16		3.7		25.0	102	75-125		6010D
Selenium	1.06		ND		1.00	106	75-125		6010D
Silver	0.0495		ND		0.0500	99	75-125		6010D
Sodium	162.8		195		25.0	-128	75-125	4	6010D
Thallium	1.09		ND		1.00	109	75-125	^5+	6010D
Vanadium	0.510		ND		0.499	102	75-125		6010D
Zinc	0.529		0.0089	J	0.500	104	75-125		6010D
Mercury	0.00663		ND		0.00667	99	80-120		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: RI-MW-4 MSD Lab ID: 480-240274-3 MSD

Lab Name: Eurofins Buffalo Job No.: 480-240274-1

SDG No.:

Matrix: Water Concentration Units: mg/L

% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Aluminum	5.30		5.10	81	75-125	2	20		6010D
Antimony	0.512		0.500	102	75-125	1	20		6010D
Arsenic	1.06		1.00	105	75-125	0	20		6010D
Barium	1.26		1.00	110	75-125	2	20		6010D
Beryllium	0.539		0.501	108	75-125	0	20		6010D
Cadmium	0.522		0.500	104	75-125	0	20		6010D
Calcium	111.3		25.0	31	75-125	2	20	4	6010D
Chromium	0.504		0.500	100	75-125	1	20		6010D
Cobalt	0.520		0.500	104	75-125	0	20		6010D
Copper	0.518		0.500	104	75-125	0	20	^5+	6010D
Iron	5.75		5.10	65	75-125	1	20	F1	6010D
Lead	0.540		0.500	107	75-125	1	20		6010D
Magnesium	120.9		25.0	111	75-125	2	20		6010D
Manganese	0.543		0.500	97	75-125	0	20		6010D
Nickel	0.512		0.500	102	75-125	1	20		6010D
Potassium	29.40		25.0	103	75-125	1	20		6010D
Selenium	1.06		1.00	106	75-125	0	20		6010D
Silver	0.0487		0.0500	97	75-125	1	20		6010D
Sodium	153.9		25.0	-163	75-125	6	20	4	6010D
Thallium	1.09		1.00	109	75-125	0	20	^5+	6010D
Vanadium	0.511		0.499	102	75-125	0	20		6010D
Zinc	0.531		0.500	104	75-125	0	20		6010D
Mercury	0.00638		0.00667	96	80-120	4	20		7470A

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 480-780571/20

Lab Name: Eurofins Buffalo Job No.: 480-240274-1

Sample Matrix: LCS Source: LRC_00029

Analyte	(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	600	631.3		105	90	110		6010D
Antimony	5.00	5.21		104	90	110		6010D
Arsenic	5.00	5.29		106	90	110		6010D
Barium	20.0	20.90		105	90	110		6010D
Beryllium	25.0	24.19		97	90	110		6010D
Cadmium	5.00	5.40		108	90	110		6010D
Calcium	700	670.2		96	90	110		6010D
Chromium	10.0	9.35		94	90	110		6010D
Cobalt	20.0	20.95		105	90	110		6010D
Copper	8.00	9.10		114	90	110	^5+	6010D
Iron	600	580.2		97	90	110		6010D
Lead	40.0	43.83		110	90	110		6010D
Magnesium	400	425.2		106	90	110		6010D
Manganese	40.0	38.11		95	90	110		6010D
Nickel	10.0	9.44		94	90	110		6010D
Potassium	500	537.7		108	90	110		6010D
Selenium	40.0	41.89		105	90	110		6010D
Silver	3.00	3.00		100	90	110		6010D
Sodium	806	829.6		103	90	110		6010D
Sodium	806	860.3		107	90	110		6010D
Thallium	20.0	22.10		111	90	110	^5+	6010D
Vanadium	5.00	4.87		97	90	110		6010D
Zinc	20.0	19.61		98	90	110		6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

DATA USABILITY SUMMARY REPORT (DUSR)

375 Michigan Ave. RI
Buffalo, NY
Project # 48030331

SDG: **J240291-1**
2 water samples

Prepared for:

BE3 Corp.
960 Busti Avenue
Suite 150-B
Buffalo, NY 14213
Attention: Will Goldsmith

August 2026

EDU *Environmental Data Usability 10028 Deer Park Dr. Dansville, NY 14437 585-991-9156*

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REVIEWER'S NARRATIVE
BE3 SDG J240291-1: 375 Michigan Ave. RI

The data associated with this Sample Delivery Group (SDG) J240291-1, analyzed by Eurofins Buffalo, Buffalo, NY have been reviewed in accordance with assessment criteria provided by the New York State Department of Environmental Conservation following the review procedures provided in the USEPA Functional Guidelines for evaluating organic and inorganic data.

All analytical results reported by the laboratory are considered valid and acceptable except results that have been qualified as rejected, "R". Results qualified as estimated "J", or as non-detects, "U", are considered usable for the purpose of evaluating water and/or soil quality. However, these qualifiers indicate that the accuracy and/or precision of the analytical result is questionable. A summary of all data that have been qualified and the reasons for qualification are provided in the following data usability summary report (DUSR).

Two facts should be noted by all data users. First, the "R" qualifier means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the analyte is present or not. Values qualified with an "R" should not appear on the final data tables because they cannot be relied upon, even as the last resort. Second, no analyte concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Reviewer's Signature: Michael K Perry Date: 8/7/2026

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	375 Michigan Ave. RI Buffalo, NY Site #: 48030331
SAMPLING DATE:	July 10, 2026
SAMPLE TYPE:	2 water samples
LABORATORY:	Eurofins Buffalo Buffalo, NY
SDG No.:	J240291-1

2.0 INTRODUCTION

This data usability summary report (DUSR) was prepared in accordance with guidance provided by the New York State Department of Environmental Conservation (NYSDEC). The DUSR is based on a review and evaluation of the laboratory analytical data package. Specifically, the NYSDEC guidance recommends review and evaluation of the following elements of the data package:

- Completeness of the data package as defined under the requirements of the NYSDEC Analytical Services Protocols (ASP) Category B or the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) deliverables,
- Compliance with established analyte holding times,
- Adherence to quality control (QC) limits and specifications for blanks, instrument tuning and calibration, surrogate recoveries, spike recoveries, laboratory duplicate analyses, and other QC criteria,
- Adherence to established analytical protocols,
- Conformance of data summary sheets with raw analytical data, and
- Use of correct data qualifiers.

Data deficiencies, analytical protocol deviations, and quality control problems identified using the review criteria above and their effect on the analytical results are discussed in this report.

3.0 SAMPLE AND ANALYSIS SUMMARY

The data package consists of analytical results for two water samples collected on July 10, 2026. These samples were analyzed for Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), 1,4-Dioxane, Pesticides, PCBs, PFASs, Metals, and Total Cyanide (TCN).

All analyses were performed by Eurofins Buffalo, Buffalo, NY and analyzed as SDG J240291-1. The analytical results were provided in NYSDEC ASP Category B format, which includes all raw analytical data and laboratory QC data.

4.0 GUIDANCE DOCUMENTS AND DATA REVIEW CRITERIA

The guidance documents appropriate for reviewing laboratory quality control (QC) data and assigning data qualifiers (flags) to analytical results were selected from those listed in Table 4-1. The QC limits established in the documents applicable to this data review were used to assess the quality of the analytical results. In some cases, however, QC limits established internally by the laboratory were taken into account to determine data quality.

The QC criteria considered for assessing the usability of the reported analytical results provided for each analyte type (i.e. VOCs, SVOCs, metals, etc.) are listed in Table 4-2. These criteria may vary with the analytical method utilized by the laboratory. These criteria comply with the guidance recommended in Section 2.0 above.

5.0 DATA VALIDATION QUALIFIERS

The letter qualifiers (flags) used to define data usability are described briefly below. These letters are assigned by the data validator to analytical results having questionable accuracy and/or precision as determined by reviewing the laboratory QC data associated with the analytical results.

TABLE 4-1

Guidance Used For Validating Laboratory Analytical Data

Analyte Group	Guidance	Date
Metals (ICP-AES)	USEPA SOP HW-3a, Rev. 1	September 2016
Metals (Hg & CN)	USEPA SOP HW-3c, Rev. 1	September 2016
Volatile Organic Compounds (by Methods 8260B & 8260C)	USEPA SOP HW-24, Rev. 4	September 2014
Semi-Volatile Organic Compounds (by Method 8270D)	USEPA SOP HW-22 Rev. 5	December 2010
Pesticides (by Method 8181B)	USEPA SOP HW-44, Rev. 1.1	December 2010
Chlorinated Herbicides (by Method 8151A)	USEPA SOP HW-17, Rev. 3.1	December 2010
Polychlorinated Biphenyls (PCBs)	USEPA SOP HW-37A, Rev. 0	June 2015
Volatile Organic Compounds (Air) (by Method TO-15)	USEPA SOP HW-31, Rev. 6	September 2016
Per- and PolyFluoroAlkyl Substances (PFAS)	* NYSDEC ** US Dept. of Defense	January 2021 November 2022
Radiological Analysis		
Uranium	USEPA Method 908.0	June 1999
Radium-226	USEPA Method 903.1	1980
General Chemistry Parameters	per NYSDEC ASP	July 2005

* Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, Appendix I

** Data Validation Guidelines Module 6: Data Validatioin Procedures for Per- and Polyfluoroalkyl Substances Analysis by QSM Table B-24

TABLE 4-2

QUALITY CONTROL CRITERIA USED FOR VALIDATING LABORATORY ANALYTICAL DATA

VOCs	SVOCs	Pesticides/PCBs	Metals	Gen Chemistry	PFAS
Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation	Sample Preservation
Holding Time	Holding Time	Holding Time	Holding Time	Holding Times	Holding Time
System Monitoring Compounds	Surrogate Recoveries	Surrogate Recoveries	Initial/Continuing Calibration	Calibration	Instr Performance Check
Lab Control Sample	Lab Control Sample	Matrix Spikes	CRDL Standards	Lab Control Samples	Initial Calibration
Matrix Spikes	Matrix Spikes	Blanks	Blanks	Blanks	Continuing Calibration
Blanks	Blanks	Instrument Calibration & Verification	Interference Check Sample	Spike Recoveries	Blanks
Instrument Tuning	Instrument Tuning	Comparison of duplicate GC column results	Spike Recoveries	Lab Duplicates	Surrogates
Internal Standards	Internal Standards	Analyte ID	Lab Duplicate		Lab Fortified Blank
Initial Calibration	Initial Calibration	Lab Qualifiers	Lab Control Sample		Matrix Spikes
Continuing Calibration	Continuing Calibration	Field Duplicate	ICP Serial Dilutions		Internal Standards
Lab Qualifiers	Lab Qualifiers		Lab Qualifiers		
Field Duplicate	Field Duplicate		Field Duplicate		

Method TO-15 (Air)	Radiological (U and Ra)
Completeness of Pkg	Completeness of Pkg
Sample Preservation	Sample Preservation
Holding Time	Holding Time
Canister Certification	Sample Specific Yield
Instrument Tuning	Required Detection Limit
Initial Calibration and Instrument Performance	Laboratory Control Sample
	Matrix Spikes
Daily Calibration	Method Blank
Blanks	Instrument Calibration
Lab Control Sample	
Field Duplicate	

The laboratory may also use various letters and symbols to flag analytical results generated when QC limits were exceeded. The meanings of these flags may differ from those used by the independent data validator. Those used by the laboratory are provided with the analytical results.

NOTE: The assignment of data qualifiers by the data reviewer (validator) to laboratory analytical results should not necessarily be interpreted by the data user as a measure of laboratory ability or proficiency. Rather, the qualifiers are intended to provide a measure of data accuracy and precision to the data user, which, for example, may provide a level of confidence in determining whether or not standards or cleanup objectives have been met.

U The analyte was analyzed for but was not detected at or above the sample quantitation limit.

J The analyte was positively identified; the associated numerical value is the *approximate* concentration of the analyte in the sample. (The magnitude of any ± value associated with the result is not determined by data validation).

J+ The result is an estimated quantity and may be biased high.

J- The result is an estimated quantity and may be biased low.

UJ The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R The sample result is rejected (i.e., is unusable) due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The validated analytical results are attached to this report. Validation qualifiers (flags) are indicated in red print. Data sheets having qualified data are signed and dated by the data reviewer.

6.0 RESULTS OF THE DATA REVIEW

The results of the data review are summarized in Tables 6-1 through 6-8. The tables list the samples where QC criteria were found to exceed acceptable limits and the actions taken to qualify the associated analytical results.

7.0 TOTAL USABLE DATA

For SDG J240291-1, two samples were analyzed and results were reported for 416 analytes. Even though some results were flagged with a "J" as estimated, all results (100 %) are considered usable. See the summary table for the analyses that have rejected/qualified and the corresponding QC reasons.

Table 6-1 8260 VOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-2 RI-MW-3	Dichlorodifluoromethane	J detects UJ non-detects	CCV %D > QC limit	Data are estimated

Table 6-2 8270 SVOCs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-2	3-Nitroaniine Carbazole	J detects UJ non-detects	CCV %D > QC limit	Data are estimated
RI-MW-3	Carbazole	J detects UJ non-detects	CCV %D > QC limit	Data are estimated
RI-MW-2 RI-MW-3	TIC: Unknowns RTs 4.88, 11.33, 11.83, 12.53, 12.96, 13.37, 14.03, 14.42, 14.70, 15.60, and 15.96 and 5-Octadecene RT 11.60	CRQL-U	Analyte detected in method blank	Data changed to non-detect

Table 6-3 1,4-Dioxane

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-4 Pesticides

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-2 RI-MW-3	g-BHC	CRQL-U	Analytes detected in method blank	Data changed to non-detect
RI-MW-2 RI-MW-3	Toxaphene	J detects UJ non-detects	ICV %D > QC limit	Data are estimated
RI-MW-2	b-BHC Aldrin	J	% D for second column confirmation > 25 %	Data are estimated
RI-MW-2	d-BHC	NJ	% D for second column confirmation > 70 %	Data are estimated and tentatively identified

Table 6-5 PCBs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

Table 6-6 PFASs

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-2 RI-MW-3	NFDHA	J detects UJ non-detects	Samples extracted outside 3 day HT	Data are estimated

Table 6-7 Metals

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
RI-MW-2 RI-MW-3	Zn	CRQL-U	Analytes detected in method blank	Data changed to non-detect

Table 6-8 TCN

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
none			none	

ACRONYMS

BSP	Blank Spike
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
%D	Percent Difference
ICAL	Initial Calibration
ICB	Initial Calibration Blank
IS	Internal Standard
LCS	Laboratory Control Sample
MS/MSD	Matrix Spike/Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
%R	Percent recovery
RPD	Relative Percent Difference
RRF	Relative Response Factor
%RSD	Percent Relative Standard Deviation
TAL	Target Analyte List (metals)
TCL	Target Compound List (organics)

Appendix A

Validated Analytical Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Staub
Brydges Engineering in Environment & Energy DPC
960 Busti Ave
Suite B-150
Buffalo NY 14213

Generated 07/23/2026

JOB DESCRIPTION

375 Michigan Remedial Investigation

JOB NUMBER

480-240291-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
07/23/2026

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
716 504-9874

Job Narrative
480-240291-1

Receipt
The samples were received on 7/10/2026 1:20 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.8º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 480-780624 recovered above the upper control limit for Carbazole. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:RI-MW-3 (480-240291-2).

Method 8270E: The continuing calibration verification (CCV) associated with batch 480-780620 recovered above the upper control limit for Carbazole. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:RI-MW-2 (480-240291-1).

Methods 8270D, 8270E: The continuing calibration verification (CCV) associated with batch 480-780620 recovered outside acceptance criteria, low biased, for 3-Nitroaniline. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated sample is:RI-MW-2 (480-240291-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: The method blank for preparation batch 480-780601 and analytical batch 480-780660 contained gamma-BHC (Lindane) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed. The following associated samples are impacted: RI-MW-2 (480-240291-1) and RI-MW-3 (480-240291-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-780604 is outside the acceptance criteria for the following analytes: total Copper, Thallium. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 480-780601.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Brydges Engineering in Environment & Energy DPC
Job ID: 480-240291-1
Project/Site: 375 Michigan Remedial Investigation

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-240291-1	RI-MW-2	Water	07/10/26 00:00	07/10/26 13:20	New York
480-240291-2	RI-MW-3	Water	07/10/26 00:00	07/10/26 13:20	New York

8260D

Volatile Organic Compounds by GC/MS

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Matrix: Water | Lab File ID: D03606.d

Analysis Method: EPA 8260D | Date Collected: 07/10/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2026 16:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780629 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82	
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21	
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	
75-34-3	1,1-Dichloroethane	ND		1.0	0.38	
75-35-4	1,1-Dichloroethene	ND		1.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79	
107-06-2	1,2-Dichloroethane	ND		1.0	0.21	
78-87-5	1,2-Dichloropropane	ND		1.0	0.72	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78	
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84	
78-93-3	2-Butanone (MEK)	ND		10	1.3	
591-78-6	2-Hexanone	ND		5.0	1.2	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	
67-64-1	Acetone	3.3	J	10	3.0	
71-43-2	Benzene	ND		1.0	0.41	
75-27-4	Bromodichloromethane	ND		1.0	0.39	
75-25-2	Bromoform	ND		1.0	0.26	
74-83-9	Bromomethane	ND		1.0	0.69	
75-15-0	Carbon disulfide	0.50	J	1.0	0.19	
56-23-5	Carbon tetrachloride	ND		1.0	0.27	
108-90-7	Chlorobenzene	ND		1.0	0.75	
124-48-1	Dibromochloromethane	ND		1.0	0.32	
75-00-3	Chloroethane	ND		1.0	0.32	
67-66-3	Chloroform	ND		1.0	0.34	
74-87-3	Chloromethane	ND		1.0	0.35	
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36	
110-82-7	Cyclohexane	ND		1.0	0.18	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Matrix: Water | Lab File ID: D03606.d

Analysis Method: EPA 8260D | Date Collected: 07/10/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2026 16:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780629 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	107		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Matrix: Water | Lab File ID: D03606.d

Analysis Method: EPA 8260D | Date Collected: 07/10/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2026 16:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780629 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240291-2

Matrix: Water | Lab File ID: D03607.d

Analysis Method: EPA 8260D | Date Collected: 07/10/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2026 16:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780629 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82	
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21	
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	
75-34-3	1,1-Dichloroethane	ND		1.0	0.38	
75-35-4	1,1-Dichloroethene	ND		1.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79	
107-06-2	1,2-Dichloroethane	ND		1.0	0.21	
78-87-5	1,2-Dichloropropane	ND		1.0	0.72	
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78	
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84	
78-93-3	2-Butanone (MEK)	ND		10	1.3	
591-78-6	2-Hexanone	ND		5.0	1.2	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	
67-64-1	Acetone	20		10	3.0	
71-43-2	Benzene	ND		1.0	0.41	
75-27-4	Bromodichloromethane	ND		1.0	0.39	
75-25-2	Bromoform	ND		1.0	0.26	
74-83-9	Bromomethane	ND		1.0	0.69	
75-15-0	Carbon disulfide	0.51	J	1.0	0.19	
56-23-5	Carbon tetrachloride	ND		1.0	0.27	
108-90-7	Chlorobenzene	ND		1.0	0.75	
124-48-1	Dibromochloromethane	ND		1.0	0.32	
75-00-3	Chloroethane	ND		1.0	0.32	
67-66-3	Chloroform	ND		1.0	0.34	
74-87-3	Chloromethane	ND		1.0	0.35	
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81	
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36	
110-82-7	Cyclohexane	ND		1.0	0.18	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68	UJ

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240291-2

Matrix: Water | Lab File ID: D03607.d

Analysis Method: EPA 8260D | Date Collected: 07/10/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2026 16:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780629 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240291-2

Matrix: Water | Lab File ID: D03607.d

Analysis Method: EPA 8260D | Date Collected: 07/10/2026 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 07/14/2026 16:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (20) ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 780629 | Units: ug/L

Preparation Batch No.: | Instrument ID: HP5975D

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

8270E

Semivolatile Organic Compounds (GC/MS)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Matrix: Water | Lab File ID: Y072897.D

Analysis Method: EPA 8270E | Date Collected: 07/10/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 22:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
92-52-4	Biphenyl	ND		5.0	0.65	
108-60-1	bis (2-chloroisopropyl) ether	ND		5.0	0.52	
95-95-4	2,4,5-Trichlorophenol	ND		5.0	0.48	
88-06-2	2,4,6-Trichlorophenol	ND		5.0	0.61	
120-83-2	2,4-Dichlorophenol	ND		5.0	0.51	
105-67-9	2,4-Dimethylphenol	ND		5.0	0.50	
51-28-5	2,4-Dinitrophenol	ND		10	2.2	
121-14-2	2,4-Dinitrotoluene	ND		5.0	0.45	
606-20-2	2,6-Dinitrotoluene	ND		5.0	0.40	
91-58-7	2-Chloronaphthalene	ND		5.0	0.46	
95-57-8	2-Chlorophenol	ND		5.0	0.53	
95-48-7	2-Methylphenol	ND		5.0	0.40	
91-57-6	2-Methylnaphthalene	ND		5.0	0.60	
88-74-4	2-Nitroaniline	ND		10	0.42	
88-75-5	2-Nitrophenol	ND		5.0	0.48	
91-94-1	3,3'-Dichlorobenzidine	ND		5.0	0.40	
99-09-2	3-Nitroaniline	ND		10	0.48	UJ
534-52-1	4,6-Dinitro-2-methylphenol	ND		10	2.2	
101-55-3	4-Bromophenyl phenyl ether	ND		5.0	0.45	
59-50-7	4-Chloro-3-methylphenol	ND		5.0	0.45	
106-47-8	4-Chloroaniline	ND		5.0	0.59	
7005-72-3	4-Chlorophenyl phenyl ether	ND		5.0	0.35	
106-44-5	4-Methylphenol	ND		10	0.36	
100-01-6	4-Nitroaniline	ND		10	0.25	
100-02-7	4-Nitrophenol	ND		10	1.5	
83-32-9	Acenaphthene	ND		5.0	0.41	
208-96-8	Acenaphthylene	ND		5.0	0.38	
98-86-2	Acetophenone	ND		5.0	0.54	
120-12-7	Anthracene	ND		5.0	0.28	
1912-24-9	Atrazine	ND		5.0	0.46	
100-52-7	Benzaldehyde	ND		5.0	0.27	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Matrix: Water | Lab File ID: Y072897.D

Analysis Method: EPA 8270E | Date Collected: 07/10/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 22:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
56-55-3	Benzo[a]anthracene	ND		5.0	0.36	
50-32-8	Benzo[a]pyrene	ND		5.0	0.47	
205-99-2	Benzo[b]fluoranthene	ND		5.0	0.34	
191-24-2	Benzo[g,h,i]perylene	ND		5.0	0.35	
207-08-9	Benzo[k]fluoranthene	ND		5.0	0.73	
111-91-1	Bis(2-chloroethoxy)methane	ND		5.0	0.35	
111-44-4	Bis(2-chloroethyl)ether	ND		5.0	0.40	
117-81-7	Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	
85-68-7	Butyl benzyl phthalate	ND		5.0	1.0	
105-60-2	Caprolactam	ND		5.0	2.2	
86-74-8	Carbazole	ND		5.0	0.30	UJ
218-01-9	Chrysene	ND		5.0	0.33	
53-70-3	Dibenz(a,h)anthracene	ND		5.0	0.42	
84-74-2	Di-n-butyl phthalate	0.48	J	5.0	0.31	
117-84-0	Di-n-octyl phthalate	ND		5.0	0.47	
132-64-9	Dibenzofuran	ND		10	0.51	
84-66-2	Diethyl phthalate	ND		5.0	0.22	
131-11-3	Dimethyl phthalate	ND		5.0	0.36	
206-44-0	Fluoranthene	ND		5.0	0.40	
86-73-7	Fluorene	ND		5.0	0.36	
118-74-1	Hexachlorobenzene	ND		5.0	0.51	
87-68-3	Hexachlorobutadiene	ND		5.0	0.68	
77-47-4	Hexachlorocyclopentadiene	ND		5.0	0.59	
67-72-1	Hexachloroethane	ND		5.0	0.59	
193-39-5	Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	
78-59-1	Isophorone	ND		5.0	0.43	
621-64-7	N-Nitrosodi-n-propylamine	ND		5.0	0.54	
86-30-6	N-Nitrosodiphenylamine	ND		5.0	0.51	
91-20-3	Naphthalene	ND		5.0	0.76	
98-95-3	Nitrobenzene	ND		5.0	0.29	
87-86-5	Pentachlorophenol	ND		10	2.2	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Matrix: Water | Lab File ID: Y072897.D

Analysis Method: EPA 8270E | Date Collected: 07/10/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 22:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
85-01-8	Phenanthrene	ND		5.0	0.44
108-95-2	Phenol	ND		5.0	0.39
129-00-0	Pyrene	ND		5.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	72		29-129
4165-62-2	Phenol-d5 (Surr)	40		10-120
1718-51-0	p-Terphenyl-d14 (Surr)	75		33-132
118-79-6	2,4,6-Tribromophenol (Surr)	108		25-144
321-60-8	2-Fluorobiphenyl (Surr)	88		53-126
367-12-4	2-Fluorophenol (Surr)	59		24-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Matrix: Water | Lab File ID: Y072897.D

Analysis Method: EPA 8270E | Date Collected: 07/10/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 22:35

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

Number TICs Found: 20 | TIC Result Total: 232.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	4.88	23	T J	
5131-66-8	2-Propanol, 1-butoxy-	5.72	7.7	T J N	91%
	Unknown	6.26	5.8	T J	
	Unknown	6.35	1.9	T J	
826-36-8	4-Piperidinone, 2,2,6,6-tetramethyl-	7.07	4.0	T J N	96%
55956-25-7	2-Propanol, 1-[1-methyl-2-(2-propenyloxy)ethoxy]-	7.71	8.9	T J N	90%
29911-28-2	2-Propanol, 1-(2-butoxy-1-methylethoxy)-	7.74	7.2	T J N	91%
	Unknown	7.81	11	T J	
	Unknown	10.63	8.8	T J	
57-10-3	n-Hexadecanoic acid	10.99	3.0	T J N	99%
	Unknown	11.34	4.0	T J	
	Unknown	11.84	36	T J	
	Unknown	12.54	5.3	T J	
	Unknown	12.97	9.8	T J	
	Unknown	13.38	2.5	T J	
	Unknown	14.04	15	T J	
	Unknown	14.43	2.9	T J	
	Unknown	14.70	32	T J	
	Unknown	15.61	6.6	T J	
	Unknown	15.97	37	T J	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240291-2

Matrix: Water | Lab File ID: Y072904.D

Analysis Method: EPA 8270E | Date Collected: 07/10/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/15/2026 01:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780624 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	Biphenyl	ND		5.0	0.65
108-60-1	bis (2-chloroisopropyl) ether	ND		5.0	0.52
95-95-4	2,4,5-Trichlorophenol	ND		5.0	0.48
88-06-2	2,4,6-Trichlorophenol	ND		5.0	0.61
120-83-2	2,4-Dichlorophenol	ND		5.0	0.51
105-67-9	2,4-Dimethylphenol	ND		5.0	0.50
51-28-5	2,4-Dinitrophenol	ND		10	2.2
121-14-2	2,4-Dinitrotoluene	ND		5.0	0.45
606-20-2	2,6-Dinitrotoluene	ND		5.0	0.40
91-58-7	2-Chloronaphthalene	ND		5.0	0.46
95-57-8	2-Chlorophenol	ND		5.0	0.53
95-48-7	2-Methylphenol	ND		5.0	0.40
91-57-6	2-Methylnaphthalene	ND		5.0	0.60
88-74-4	2-Nitroaniline	ND		10	0.42
88-75-5	2-Nitrophenol	ND		5.0	0.48
91-94-1	3,3'-Dichlorobenzidine	ND		5.0	0.40
99-09-2	3-Nitroaniline	ND		10	0.48
534-52-1	4,6-Dinitro-2-methylphenol	ND		10	2.2
101-55-3	4-Bromophenyl phenyl ether	ND		5.0	0.45
59-50-7	4-Chloro-3-methylphenol	ND		5.0	0.45
106-47-8	4-Chloroaniline	ND		5.0	0.59
7005-72-3	4-Chlorophenyl phenyl ether	ND		5.0	0.35
106-44-5	4-Methylphenol	ND		10	0.36
100-01-6	4-Nitroaniline	ND		10	0.25
100-02-7	4-Nitrophenol	ND		10	1.5
83-32-9	Acenaphthene	ND		5.0	0.41
208-96-8	Acenaphthylene	ND		5.0	0.38
98-86-2	Acetophenone	ND		5.0	0.54
120-12-7	Anthracene	ND		5.0	0.28
1912-24-9	Atrazine	ND		5.0	0.46
100-52-7	Benzaldehyde	ND		5.0	0.27

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240291-2

Matrix: Water | Lab File ID: Y072904.D

Analysis Method: EPA 8270E | Date Collected: 07/10/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/15/2026 01:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780624 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
56-55-3	Benzo[a]anthracene	ND		5.0	0.36	
50-32-8	Benzo[a]pyrene	ND		5.0	0.47	
205-99-2	Benzo[b]fluoranthene	ND		5.0	0.34	
191-24-2	Benzo[g,h,i]perylene	ND		5.0	0.35	
207-08-9	Benzo[k]fluoranthene	ND		5.0	0.73	
111-91-1	Bis(2-chloroethoxy)methane	ND		5.0	0.35	
111-44-4	Bis(2-chloroethyl)ether	ND		5.0	0.40	
117-81-7	Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	
85-68-7	Butyl benzyl phthalate	ND		5.0	1.0	
105-60-2	Caprolactam	7.9		5.0	2.2	
86-74-8	Carbazole	ND		5.0	0.30	UJ
218-01-9	Chrysene	ND		5.0	0.33	
53-70-3	Dibenz(a,h)anthracene	ND		5.0	0.42	
84-74-2	Di-n-butyl phthalate	0.44	J	5.0	0.31	
117-84-0	Di-n-octyl phthalate	ND		5.0	0.47	
132-64-9	Dibenzofuran	ND		10	0.51	
84-66-2	Diethyl phthalate	ND		5.0	0.22	
131-11-3	Dimethyl phthalate	ND		5.0	0.36	
206-44-0	Fluoranthene	ND		5.0	0.40	
86-73-7	Fluorene	ND		5.0	0.36	
118-74-1	Hexachlorobenzene	ND		5.0	0.51	
87-68-3	Hexachlorobutadiene	ND		5.0	0.68	
77-47-4	Hexachlorocyclopentadiene	ND		5.0	0.59	
67-72-1	Hexachloroethane	ND		5.0	0.59	
193-39-5	Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	
78-59-1	Isophorone	ND		5.0	0.43	
621-64-7	N-Nitrosodi-n-propylamine	ND		5.0	0.54	
86-30-6	N-Nitrosodiphenylamine	ND		5.0	0.51	
91-20-3	Naphthalene	ND		5.0	0.76	
98-95-3	Nitrobenzene	ND		5.0	0.29	
87-86-5	Pentachlorophenol	ND		10	2.2	

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240291-2

Matrix: Water | Lab File ID: Y072904.D

Analysis Method: EPA 8270E | Date Collected: 07/10/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/15/2026 01:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780624 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
85-01-8	Phenanthrene	ND		5.0	0.44
108-95-2	Phenol	ND		5.0	0.39
129-00-0	Pyrene	ND		5.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	58		29-129
4165-62-2	Phenol-d5 (Surr)	32		10-120
1718-51-0	p-Terphenyl-d14 (Surr)	54		33-132
118-79-6	2,4,6-Tribromophenol (Surr)	89		25-144
321-60-8	2-Fluorobiphenyl (Surr)	75		53-126
367-12-4	2-Fluorophenol (Surr)	47		24-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240291-2

Matrix: Water | Lab File ID: Y072904.D

Analysis Method: EPA 8270E | Date Collected: 07/10/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/15/2026 01:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780624 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

Number TICs Found: 16 | TIC Result Total: 131

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	4.87	16	T J	
	Unknown	9.43	4.8	T J	
	Unknown	10.63	4.2	T J	
57-10-3	n-Hexadecanoic acid	11.00	7.1	T J N	99%
	Unknown	11.34	2.6	T J	
1010397-63-6	4,8,12,16-tetraoxaeicosan-1-ol	11.84	16	T J N	90%
	Unknown	11.92	3.7	T J	
	Unknown	12.53	4.4	T J	
	Unknown	12.98	6.8	T J	
	Unknown	13.38	2.0	T J	
	Unknown	14.04	8.3	T J	
6197-30-4	Octocrylene	14.09	5.5	T J N	93%
	Unknown	14.43	2.0	T J	
	Unknown	14.70	22	T J	
	Unknown	15.61	3.6	T J	
	Unknown	15.97	22	T J	

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8270E_LL_QQQ

Semivolatile Organic Compounds (GC/MS)

No data validation qualifieres were added

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Matrix: Water | Lab File ID: 480-240291-O-1-A_7172026_13.d

Analysis Method: 8270E | Date Collected: 07/10/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/14/2026 10:41

Sample wt/vol: 35.3(mL) | Date Analyzed: 07/17/2026 12:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SH-I-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780938 | Units: ug/L

Preparation Batch No.: 780652 | Instrument ID: TQ8050-2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	ND		0.20	0.054

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	p-Terphenyl-d14 (Surr)	85		15-155
4165-60-0	Nitrobenzene-d5 (Surr)	103		41-161
321-60-8	2-Fluorobiphenyl (Surr)	93		32-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240291-2

Matrix: Water | Lab File ID: 480-240291-O-2-A_7172026_14.d

Analysis Method: 8270E | Date Collected: 07/10/2026 00:00

Extract. Method: 3510C | Date Extracted: 07/14/2026 10:41

Sample wt/vol: 35.2(mL) | Date Analyzed: 07/17/2026 13:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SH-I-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780938 | Units: ug/L

Preparation Batch No.: 780652 | Instrument ID: TQ8050-2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	ND		0.20	0.054

CAS NO.	SURROGATE	%REC	Q	LIMITS
1718-51-0	p-Terphenyl-d14 (Surr)	80		15-155
4165-60-0	Nitrobenzene-d5 (Surr)	106		41-161
321-60-8	2-Fluorobiphenyl (Surr)	93		32-151

Method 8081B

Organochlorine Pesticides (GC) by Method 8081B

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Matrix: Water | Lab File ID: 25_102-379.D

Analysis Method: 8081B | Date Collected: 07/10/2026 00:00

Extraction Method: 3510C | Date Extracted: 07/14/2026 07:59

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 16:36

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780660 | Units: ug/L

Preparation Batch No.: 780601 | Instrument ID: HP6890-25

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	0.018	J	0.050	0.0092	
72-55-9	4,4'-DDE	0.013	J	0.050	0.012	
50-29-3	4,4'-DDT	ND		0.050	0.011	
309-00-2	Aldrin	0.013	J	0.050	0.0081	J
319-84-6	alpha-BHC	ND		0.050	0.0077	
5103-71-9	cis-Chlordane	ND		0.050	0.015	
319-85-7	beta-BHC	0.041	J	0.050	0.025	J
60-57-1	Dieldrin	ND		0.050	0.0098	
959-98-8	Endosulfan I	ND		0.050	0.011	
33213-65-9	Endosulfan II	ND		0.050	0.012	
1031-07-8	Endosulfan sulfate	ND		0.050	0.016	
72-20-8	Endrin	ND		0.050	0.014	
7421-93-4	Endrin aldehyde	ND		0.050	0.016	
53494-70-5	Endrin ketone	ND		0.050	0.012	
58-89-9	gamma-BHC (Lindane) 0.050 UJ	~~0.016~~	J B	0.050	0.0080	UJ
5103-74-2	trans-Chlordane	ND		0.050	0.011	
76-44-8	Heptachlor	0.016	J	0.050	0.0085	
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074	
72-43-5	Methoxychlor	ND		0.050	0.014	
8001-35-2	Toxaphene	ND		0.50	0.12	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		10-120
877-09-8	Tetrachloro-m-xylene	89		10-120

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Matrix: Water | Lab File ID: 25_102-379.D

Analysis Method: 8081B | Date Collected: 07/10/2026 00:00

Extraction Method: 3510C | Date Extracted: 07/14/2026 07:59

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 16:36

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPII ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780660 | Units: ug/L

Preparation Batch No.: 780601 | Instrument ID: HP6890-25

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
319-86-8	delta-BHC	0.012	J	0.050	0.010	NJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	65		10-120
877-09-8	Tetrachloro-m-xylene	108		10-120

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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240291-2

Matrix: Water | Lab File ID: 25_102-380.D

Analysis Method: 8081B | Date Collected: 07/10/2026 00:00

Extraction Method: 3510C | Date Extracted: 07/14/2026 07:59

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 16:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780660 | Units: ug/L

Preparation Batch No.: 780601 | Instrument ID: HP6890-25

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
72-54-8	4,4'-DDD	ND		0.050	0.0092	
72-55-9	4,4'-DDE	ND		0.050	0.012	
50-29-3	4,4'-DDT	ND		0.050	0.011	
309-00-2	Aldrin	ND		0.050	0.0081	
319-84-6	alpha-BHC	0.012	J	0.050	0.0077	
5103-71-9	cis-Chlordane	ND		0.050	0.015	
319-85-7	beta-BHC	ND		0.050	0.025	
319-86-8	delta-BHC	ND		0.050	0.010	
60-57-1	Dieldrin	ND		0.050	0.0098	
959-98-8	Endosulfan I	ND		0.050	0.011	
33213-65-9	Endosulfan II	ND		0.050	0.012	
1031-07-8	Endosulfan sulfate	ND		0.050	0.016	
72-20-8	Endrin	ND		0.050	0.014	
7421-93-4	Endrin aldehyde	ND		0.050	0.016	
53494-70-5	Endrin ketone	ND		0.050	0.012	
58-89-9	gamma-BHC (Lindane) 0.050 UJ	~~0.0081~~	J B	0.050	0.0080	UJ
5103-74-2	trans-Chlordane	ND		0.050	0.011	
76-44-8	Heptachlor	ND		0.050	0.0085	
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074	
72-43-5	Methoxychlor	ND		0.050	0.014	
8001-35-2	Toxaphene	ND		0.50	0.12	UJ

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		10-120
877-09-8	Tetrachloro-m-xylene	75		10-120

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Method 8082A

Polychlorinated Biphenyls (PCBs) (GC) by Method 8082A

No data validation qualifieres were added

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FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Matrix: Water | Lab File ID: 70014150.D

Analysis Method: 8082A | Date Collected: 07/10/2026 00:00

Extraction Method: 3510C | Date Extracted: 07/13/2026 06:39

Sample wt/vol: 250(mL) | Date Analyzed: 07/13/2026 17:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780516 | Units: ug/L

Preparation Batch No.: 780471 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.50	0.18
11104-28-2	PCB-1221	ND		0.50	0.18
11141-16-5	PCB-1232	ND		0.50	0.18
53469-21-9	PCB-1242	ND		0.50	0.18
12672-29-6	PCB-1248	ND		0.50	0.18
11097-69-1	PCB-1254	ND		0.50	0.25
11096-82-5	PCB-1260	ND		0.50	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	86		10-145
2051-24-3	DCB Decachlorobiphenyl	47		10-123

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240291-2

Matrix: Water | Lab File ID: 70014151.D

Analysis Method: 8082A | Date Collected: 07/10/2026 00:00

Extraction Method: 3510C | Date Extracted: 07/13/2026 06:39

Sample wt/vol: 250(mL) | Date Analyzed: 07/13/2026 18:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: ZB-5 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780516 | Units: ug/L

Preparation Batch No.: 780471 | Instrument ID: HP6890-7

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	ND		0.50	0.18
11104-28-2	PCB-1221	ND		0.50	0.18
11141-16-5	PCB-1232	ND		0.50	0.18
53469-21-9	PCB-1242	ND		0.50	0.18
12672-29-6	PCB-1248	ND		0.50	0.18
11097-69-1	PCB-1254	ND		0.50	0.25
11096-82-5	PCB-1260	ND		0.50	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	87		10-145
2051-24-3	DCB Decachlorobiphenyl	61		10-123

1633A

Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240291-1

Matrix: Water
Lab File ID: 26JUL15PC-55.d

Analysis Method: 1633A
Date Collected: 07/10/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/15/2026 09:19

Sample wt/vol: 183.69(mL)
Date Analyzed: 07/15/2026 21:47

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851823
Units: ng/L

Preparation Batch No.: 851826
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	3.4		2.7	0.75
2706-90-3	Perfluoropentanoic acid (PFPeA)	2.3		1.4	0.41
307-24-4	Perfluorohexanoic acid (PFHxA)	14		1.4	0.34
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.56	J	1.4	0.54
335-67-1	Perfluorooctanoic acid (PFOA)	1.3	J	1.4	0.61
375-95-1	Perfluorononanoic acid (PFNA)	ND		1.4	0.34
335-76-2	Perfluorodecanoic acid (PFDA)	ND		1.4	0.34
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		1.4	0.34
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		1.4	0.34
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		1.4	0.34
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		1.4	0.34
375-73-5	Perfluorobutanesulfonic acid (PFBS)	2.6		1.4	0.34
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		1.4	0.34
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		1.4	0.54
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		1.4	0.34
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		1.4	0.88
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		1.4	0.34
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		1.4	0.34
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		1.4	0.41
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.7	0.68
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.6	J	2.7	0.68
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.7	0.68
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		1.4	0.34
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.4	0.34
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.4	0.75

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240291-1

Matrix: Water
Lab File ID: 26JUL15PC-55.d

Analysis Method: 1633A
Date Collected: 07/10/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/15/2026 09:19

Sample wt/vol: 183.69(mL)
Date Analyzed: 07/15/2026 21:47

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851823
Units: ng/L

Preparation Batch No.: 851826
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.4	0.34
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.4	0.34
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		6.8	2.7
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		6.8	2.7
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.4	0.95
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.4	0.34
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.4	0.34
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.4	0.34
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.4	0.34
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		1.4	0.34
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		1.4	0.34
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.4	0.34
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.7	0.68
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		6.8	1.9
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		6.8	1.7

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2
Lab Sample ID: 480-240291-1

Matrix: Water
Lab File ID: 26JUL15PC-55.d

Analysis Method: 1633A
Date Collected: 07/10/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/15/2026 09:19

Sample wt/vol: 183.69(mL)
Date Analyzed: 07/15/2026 21:47

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851823
Units: ng/L

Preparation Batch No.: 851826
Instrument ID: 30576

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	84.4		5-130
2283397-79-3	13C5 PFPeA	79.1		40-130
2328024-54-8	13C5 PFHxA	81.5		40-130
2328024-55-9	13C4 PFHpA	75.6		40-130
1350614-84-4	13C8 PFOA	82.5		40-130
2283397-80-6	13C9 PFNA	78.0		40-130
2328024-56-0	13C6 PFDA	73.9		40-130
STL02580	13C7 PFUnA	74.5		30-130
STL02116	13C2 PFTeDA	60.3		10-130
2708218-83-9	13C3 PFBS	81.3		40-135
2708218-85-1	13C3 PFHxS	80.2		40-130
2265893-05-6	13C8 PFOS	76.3		40-130
STL01056	13C8 FOSA	76.9		40-130
1400690-70-1	d3-NMeFOSAA	71.2		40-170
1265205-97-7	d5-NEtFOSAA	65.3		25-135
STL02395	13C2 4:2 FTS	107		40-200
STL02279	13C2 6:2 FTS	110		40-200
STL02280	13C2 8:2 FTS	164		40-300
STL02255	13C3 HFPO-DA	86.1		40-130
STL02277	d7-N-MeFOSE-M	55.5		10-130
STL02278	d9-N-EtFOSE-M	59.0		10-130
STL02704	d5-NEtPFOSA	53.7		10-130
STL02705	d3-NMePFOSA	66.2		10-130
960315-52-0	13C2 PFDoA	61.9		10-130
STL03747	13C3-3:3 FTCA	90.8		20-150
STL03748	13C3-5:3 FTCA	92.6		20-150
STL03731	13C3-PFDoS	67.9		20-150

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240291-2

Matrix: Water
Lab File ID: 26JUL15PC-56.d

Analysis Method: 1633A
Date Collected: 07/10/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/15/2026 09:19

Sample wt/vol: 187.32(mL)
Date Analyzed: 07/15/2026 22:00

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851823
Units: ng/L

Preparation Batch No.: 851826
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		2.7	0.73
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		1.3	0.40
307-24-4	Perfluorohexanoic acid (PFHxA)	1.8		1.3	0.33
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		1.3	0.53
335-67-1	Perfluorooctanoic acid (PFOA)	0.82	J	1.3	0.60
375-95-1	Perfluorononanoic acid (PFNA)	ND		1.3	0.33
335-76-2	Perfluorodecanoic acid (PFDA)	ND		1.3	0.33
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		1.3	0.33
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		1.3	0.33
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		1.3	0.33
376-06-7	Perfluorotetradecanoic acid (PFTeDA)	ND		1.3	0.33
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		1.3	0.33
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	ND		1.3	0.33
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		1.3	0.53
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ND		1.3	0.33
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		1.3	0.87
68259-12-1	Perfluorononanesulfonic acid (PFNS)	ND		1.3	0.33
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		1.3	0.33
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		1.3	0.40
757124-72-4	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.7	0.67
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.7	0.67
39108-34-4	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.7	0.67
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND		1.3	0.33
31506-32-8	N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		1.3	0.33
4151-50-2	N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		1.3	0.73

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240291-2

Matrix: Water
Lab File ID: 26JUL15PC-56.d

Analysis Method: 1633A
Date Collected: 07/10/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/15/2026 09:19

Sample wt/vol: 187.32(mL)
Date Analyzed: 07/15/2026 22:00

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture:
% Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851823
Units: ng/L

Preparation Batch No.: 851826
Instrument ID: 30576

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL	
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.3	0.33	
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.3	0.33	
24448-09-7	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		6.7	2.7	
1691-99-2	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		6.7	2.7	
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.3	0.93	
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.3	0.33	
377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		1.3	0.33	
863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		1.3	0.33	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		1.3	0.33	UJ
756426-58-1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O	ND		1.3	0.33	
763051-92-9	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF	ND		1.3	0.33	
113507-82-7	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		1.3	0.33	
356-02-5	3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		2.7	0.67	
914637-49-3	3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		6.7	1.9	
812-70-4	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		6.7	1.7	

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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-3
Lab Sample ID: 480-240291-2

Matrix: Water
Lab File ID: 26JUL15PC-56.d

Analysis Method: 1633A
Date Collected: 07/10/2026 00:00

Extraction Method: 1633A
Date Extracted: 07/15/2026 09:19

Sample wt/vol: 187.32(mL)
Date Analyzed: 07/15/2026 22:00

Con. Extract Vol.: 5(mL)
Dilution Factor: 1

Injection Volume: 7(uL)
GC Column: Gemini C18 50mm ID: 3(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 851823
Units: ng/L

Preparation Batch No.: 851826
Instrument ID: 30576

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
1017281-29-6	13C4 PFBA	80.1		5-130
2283397-79-3	13C5 PFPeA	75.0		40-130
2328024-54-8	13C5 PFHxA	76.4		40-130
2328024-55-9	13C4 PFHpA	70.8		40-130
1350614-84-4	13C8 PFOA	76.3		40-130
2283397-80-6	13C9 PFNA	71.6		40-130
2328024-56-0	13C6 PFDA	71.6		40-130
STL02580	13C7 PFUnA	69.6		30-130
STL02116	13C2 PFTeDA	49.7		10-130
2708218-83-9	13C3 PFBS	78.2		40-135
2708218-85-1	13C3 PFHxS	77.9		40-130
2265893-05-6	13C8 PFOS	70.1		40-130
STL01056	13C8 FOSA	73.1		40-130
1400690-70-1	d3-NMeFOSAA	61.0		40-170
1265205-97-7	d5-NEtFOSAA	53.7		25-135
STL02395	13C2 4:2 FTS	88.8		40-200
STL02279	13C2 6:2 FTS	100		40-200
STL02280	13C2 8:2 FTS	167		40-300
STL02255	13C3 HFPO-DA	78.6		40-130
STL02277	d7-N-MeFOSE-M	47.0		10-130
STL02278	d9-N-EtFOSE-M	48.7		10-130
STL02704	d5-NEtPFOSA	42.0		10-130
STL02705	d3-NMePFOSA	54.8		10-130
960315-52-0	13C2 PFDoA	55.5		10-130
STL03747	13C3-3:3 FTCA	81.8		20-150
STL03748	13C3-5:3 FTCA	87.4		20-150
STL03731	13C3-PFDoS	55.8		20-150

METALS

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METALS

Lab Name: Eurofins Buffalo Job Number: 480-240291-1

SDG No.:

Project: 375 Michigan Remedial Investigation

Client Sample ID	Lab Sample ID
RI-MW-2	480-240291-1
RI-MW-3	480-240291-2

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG ID.:

Matrix: Water | Date Sampled: 07/10/2026 00:00

Reporting Basis: WET | Date Received: 07/10/2026 13:20

Preparation Batch Number: 780478 | Instrument ID: ICAP4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	ND	0.20	0.060	mg/L			1	6010D	
7440-36-0	Antimony	ND	0.020	0.0068	mg/L			1	6010D	
7440-38-2	Arsenic	ND	0.015	0.0056	mg/L			1	6010D	
7440-39-3	Barium	0.22	0.0020	0.00070	mg/L			1	6010D	
7440-41-7	Beryllium	ND	0.0020	0.00030	mg/L			1	6010D	
7440-43-9	Cadmium	ND	0.0020	0.00050	mg/L			1	6010D	
7440-70-2	Calcium	114	0.50	0.10	mg/L			1	6010D	
7440-47-3	Chromium	0.0011	0.0040	0.0010	mg/L	J		1	6010D	
7440-48-4	Cobalt	ND	0.0040	0.00063	mg/L			1	6010D	
7440-50-8	Copper	ND	0.010	0.0016	mg/L		^5+	1	6010D	
7439-89-6	Iron	0.037	0.050	0.019	mg/L	J		1	6010D	
7439-92-1	Lead	ND	0.010	0.0030	mg/L			1	6010D	
7439-95-4	Magnesium	92.7	0.20	0.043	mg/L			1	6010D	
7439-96-5	Manganese	0.045	0.0030	0.00040	mg/L			1	6010D	
7440-02-0	Nickel	0.0041	0.010	0.0013	mg/L	J		1	6010D	
7440-09-7	Potassium	5.5	0.50	0.10	mg/L		B	1	6010D	
7782-49-2	Selenium	ND	0.025	0.0087	mg/L			1	6010D	
7440-22-4	Silver	ND	0.0060	0.0017	mg/L			1	6010D	
7440-23-5	Sodium	105	1.0	0.32	mg/L			1	6010D	
7440-28-0	Thallium	ND	0.020	0.010	mg/L		^5+	1	6010D	
7440-62-2	Vanadium	ND	0.0050	0.0015	mg/L			1	6010D	
7440-66-6	Zinc 0.010 UJ	~~0.0022~~	0.010	0.0015	mg/L	J	B	1	6010D	UJ
7439-97-6	Mercury	ND	0.00020	0.000042	mg/L			1	7470A	

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1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240291-2

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG ID.:

Matrix: Water | Date Sampled: 07/10/2026 00:00

Reporting Basis: WET | Date Received: 07/10/2026 13:20

Preparation Batch Number: 780478 | Instrument ID: ICAP4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method	
7429-90-5	Aluminum	0.063	0.20	0.060	mg/L	J		1	6010D	
7440-36-0	Antimony	ND	0.020	0.0068	mg/L			1	6010D	
7440-38-2	Arsenic	ND	0.015	0.0056	mg/L			1	6010D	
7440-39-3	Barium	0.14	0.0020	0.00070	mg/L			1	6010D	
7440-41-7	Beryllium	ND	0.0020	0.00030	mg/L			1	6010D	
7440-43-9	Cadmium	ND	0.0020	0.00050	mg/L			1	6010D	
7440-70-2	Calcium	96.8	0.50	0.10	mg/L			1	6010D	
7440-47-3	Chromium	ND	0.0040	0.0010	mg/L			1	6010D	
7440-48-4	Cobalt	ND	0.0040	0.00063	mg/L			1	6010D	
7440-50-8	Copper	ND	0.010	0.0016	mg/L		^5+	1	6010D	
7439-89-6	Iron	0.064	0.050	0.019	mg/L			1	6010D	
7439-92-1	Lead	ND	0.010	0.0030	mg/L			1	6010D	
7439-95-4	Magnesium	86.9	0.20	0.043	mg/L			1	6010D	
7439-96-5	Manganese	0.024	0.0030	0.00040	mg/L			1	6010D	
7440-02-0	Nickel	ND	0.010	0.0013	mg/L			1	6010D	
7440-09-7	Potassium	3.5	0.50	0.10	mg/L		B	1	6010D	
7782-49-2	Selenium	ND	0.025	0.0087	mg/L			1	6010D	
7440-22-4	Silver	ND	0.0060	0.0017	mg/L			1	6010D	
7440-23-5	Sodium	76.6	1.0	0.32	mg/L			1	6010D	
7440-28-0	Thallium	ND	0.020	0.010	mg/L		^5+	1	6010D	
7440-62-2	Vanadium	ND	0.0050	0.0015	mg/L			1	6010D	
7440-66-6	Zinc 0.010 UJ	~~0.0032~~	0.010	0.0015	mg/L	J	B	1	6010D	UJ
7439-97-6	Mercury	ND	0.00020	0.000042	mg/L			1	7470A	

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GENERAL CHEMISTRY

No data validation qualifieres were added

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GENERAL CHEMISTRY

Lab Name: Eurofins Buffalo Job Number: 480-240291-1

SDG No.:

Project: 375 Michigan Remedial Investigation

Client Sample ID	Lab Sample ID
RI-MW-2	480-240291-1
RI-MW-3	480-240291-2

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-MW-2 | Lab Sample ID: 480-240291-1

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG ID.:

Matrix: Water | Date Sampled: 07/10/2026 00:00

Reporting Basis: WET | Date Received: 07/10/2026 13:20

Preparation Batch Number: | Instrument ID: Skalar_San+2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	0.010	0.0041	mg/L			1	9012B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: RI-MW-3 | Lab Sample ID: 480-240291-2

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG ID.:

Matrix: Water | Date Sampled: 07/10/2026 00:00

Reporting Basis: WET | Date Received: 07/10/2026 13:20

Preparation Batch Number: | Instrument ID: Skalar_San+2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
57-12-5	Cyanide, Total	ND	0.010	0.0041	mg/L			1	9012B

Shipping and Receiving Documents

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691 7991

Chain of Custody Record

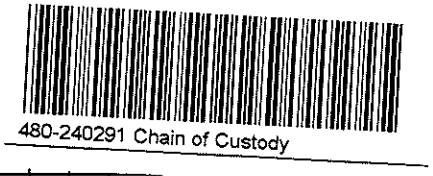
eurofins

Client Information	Sampler: Will Goldsmith	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-214745-42932.1
Client Contact: Alexis Palumbo-Compton	Phone:	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Brydges Engineering in Environment & Energy DPC	PWSID:			Job #:
Address: 960 Busti Ave Suite B-150	Due Date Requested:			
City: Buffalo	TAT Requested (days): 5 day			
State, Zip: NY 14213	Compliance Project: Δ Yes Δ No			
Phone: 716-869-1564(Tel)	PO #: Purchase Order not required			
Email: apalumbo@be3corp.com	WO #:			
Project Name: 375 Michigan RI Groundwater	Project #: 48030331			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N None
B NaOH
D HNO3
A HCL
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A List of 40 based on EPA method	8270E_LL_QQQ 1,4 Dioxane	9012B_NP Cyanide, Total	8082A Part 376 PCBs	8081B TCL Pesticides	8270E TCL SVOCs + TICs	6010D, 7470A	8260D TCL VOCs + TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	B	N	N	N	D	A		
RI-MW-2				Water			X	X	X	X	X	X	X	X		
RI-MW-3				Water												
				Water												
				Water												
				Water												
				Water												
				Water												
				Water												
				Water												



Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 7/10/26 1:20pm	Company: BE3	Received by:	Date/Time: 7/10/26 1320	Company: ET
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 5.8 IR#1 ice

Ver: 03/20/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-99505.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-240291-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/16/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: 375 Michigan Remedial Investigation	Project #: 48030331			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633A/1633A_SPELList of 40 based on EPA method	PRE_SCREEN_PFAS/PFAS_PreScn_W_PPrescreening Procedure	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X			X	
RI-MW-2 (480-240291-1)	7/10/26	Eastern	G	Water			X	X	2	
RI-MW-3 (480-240291-2)	7/10/26	Eastern	G	Water			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
KS	7-13-26 1600				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/14/26 1105	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 2.0 / C: t. 9 1.6

GCC 125294 Ver: 03/20/2026

Appendix B

Laboratory QC Documentation

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240291-1

SDG No.:

Lab Sample ID: CCVIS 480-780629/4 Calibration Date: 07/14/2026 10:29

Instrument ID: HP5975D Calib Start Date: 06/23/2026 15:32

GC Column: ZB-624 (20) ID: 0.18(mm) Calib End Date: 06/23/2026 18:08

Lab File ID: D03593.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D	
Dichlorodifluoromethane	Ave	2.522	3.069	0.1000	30.4	25.0	22.0	50.0	
Chloromethane	Ave	4.421	4.505	0.1000	25.5	25.0	2.0	20.0	
Butadiene	Ave	4.021	4.417		27.5	25.0	10.0	20.0	
Vinyl chloride	Ave	3.636	3.932	0.1000	27.0	25.0	8.0	20.0	
Bromomethane	Ave	2.482	2.498	0.1000	25.2	25.0	1.0	50.0	
Chloroethane	Ave	2.109	2.190	0.1000	26.0	25.0	4.0	50.0	
Trichlorofluoromethane	Ave	3.832	4.230	0.1000	27.6	25.0	10.0	20.0	
Ethyl ether	Ave	1.923	1.747		22.7	25.0	-9.0	20.0	
Acrolein	Ave	0.1304	0.1211		116	125	-7.0	50.0	
1,1-Dichloroethene	Ave	1.578	1.715	0.1000	27.2	25.0	9.0	20.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.782	1.962	0.1000	27.5	25.0	10.0	20.0	
Acetone	Ave	0.6634	0.6635	0.1000	125	125	0.0	50.0	
Iodomethane	Ave	3.987	3.994		25.0	25.0	0.0	20.0	
Carbon disulfide	Ave	6.181	6.434	0.1000	26.0	25.0	4.0	20.0	
3-Chloro-1-propene	Ave	2.847	3.192		28.0	25.0	12.0	20.0	
Methyl acetate	Ave	1.107	1.165	0.1000	52.6	50.0	5.0	50.0	
Methylene Chloride	Lin1		2.027	0.1000	24.9	25.0	-1.0	20.0	
2-Methyl-2-propanol	Ave	0.1858	0.2310		311	250	24.0	50.0	
Methyl tert-butyl ether	Ave	5.248	5.168	0.1000	24.6	25.0	-2.0	20.0	
trans-1,2-Dichloroethene	Ave	1.824	1.883	0.1000	25.8	25.0	3.0	20.0	
Acrylonitrile	Ave	0.6539	0.6681		255	250	2.0	20.0	
Hexane	Ave	1.802	2.087		29.0	25.0	16.0	20.0	
1,1-Dichloroethane	Ave	3.127	3.198	0.2000	25.6	25.0	2.0	20.0	
Vinyl acetate	Lin1		2.370		55.4	50.0	11.0	20.0	
2,2-Dichloropropane	Lin1		2.582		32.4	25.0	30.0*	20.0	NT
cis-1,2-Dichloroethene	Ave	1.775	1.804	0.1000	25.4	25.0	2.0	20.0	
2-Butanone (MEK)	Ave	0.5654	0.5981	0.1000	132	125	6.0	20.0	
Chlorobromomethane	Ave	1.011	1.000		24.7	25.0	-1.0	20.0	
Tetrahydrofuran	Ave	0.4103	0.4273		52.1	50.0	4.0	20.0	
Chloroform	Ave	3.049	2.977	0.2000	24.4	25.0	-2.0	20.0	
1,1,1-Trichloroethane	Lin1		2.924	0.1000	26.0	25.0	4.0	20.0	
Cyclohexane	Ave	3.000	3.427	0.1000	28.6	25.0	14.0	20.0	
Carbon tetrachloride	Lin1		2.707	0.1000	27.7	25.0	11.0	20.0	
1,1-Dichloropropene	Ave	1.790	1.915		26.7	25.0	7.0	20.0	
Benzene	Ave	4.966	5.062	0.5000	25.5	25.0	2.0	20.0	
Isobutyl alcohol	Lin1		0.0795		715	625	14.0	50.0	
1,2-Dichloroethane	Ave	2.222	2.190	0.1000	24.6	25.0	-1.0	20.0	
n-Heptane	Ave	1.732	2.018		29.1	25.0	17.0	20.0	
Trichloroethene	Ave	1.380	1.427	0.2000	25.9	25.0	3.0	20.0	
Methylcyclohexane	Ave	2.569	2.832	0.1000	27.6	25.0	10.0	20.0	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240291-1

SDG No.:

Lab Sample ID: CCVIS 480-780620/3 Calibration Date: 07/14/2026 11:33

Instrument ID: HP5973Y Calib Start Date: 07/08/2026 15:17

GC Column: RXI-5Sil MS ID: 0.25(mm) Calib End Date: 07/08/2026 18:22

Lab File ID: Y072872.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Biphenyl	Ave	1.847	1.858	0.0100	4030	4000	1.0	20.0
2-Chloronaphthalene	Ave	1.445	1.428	0.8000	3950	4000	-1.0	20.0
2-Nitroaniline	Lin2		0.3547	0.0100	3760	4000	-6.0	20.0
Dimethyl phthalate	Ave	1.480	1.465	0.0100	3960	4000	-1.0	20.0
1,3-Dinitrobenzene	Lin2		0.1359	0.0100	4090	4000	2.0	20.0
2,6-Dinitrotoluene	Lin2		0.3453	0.2000	4060	4000	2.0	20.0
Acenaphthylene	Lin2		2.172	0.9000	3790	4000	-5.0	20.0
3-Nitroaniline	Ave	0.2562	0.1775	0.0100	2770	4000	-31.0*	20.0
2,4-Dinitrophenol	Lin1		0.1811	0.0100	7930	8000	-1.0	20.0
Acenaphthene	Lin2		1.504	0.9000	3870	4000	-3.0	20.0
4-Nitrophenol	Lin2		0.1836	0.0100	8250	8000	3.0	20.0
2,4-Dinitrotoluene	Lin2		0.4359	0.2000	3940	4000	-1.0	20.0
Dibenzofuran	Ave	1.970	2.021	0.8000	4100	4000	3.0	20.0
2,3,4,6-Tetrachlorophenol	Lin2		0.3780	0.0100	4130	4000	3.0	20.0
Hexadecane	Lin2		0.8685	0.0100	3730	4000	-7.0	20.0
Diethyl phthalate	Ave	1.525	1.450	0.0100	3800	4000	-5.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.7586	0.7610	0.4000	4010	4000	0.0	20.0
4-Nitroaniline	Ave	0.2330	0.2021	0.0100	3470	4000	-13.0	20.0
Fluorene	Lin2		1.690	0.9000	3930	4000	-2.0	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1685	0.0100	7770	8000	-3.0	20.0
Diphenylamine	Ave	0.8275	0.7914	0.0100	3270	3420	-4.0	20.0
N-Nitrosodiphenylamine	Ave	0.7075	0.6766	0.0100	3830	4000	-4.0	20.0
1,2-Diphenylhydrazine	Ave	0.9722	0.9290	0.0100	3820	4000	-4.0	20.0
Azobenzene	Ave	0.9722	0.9290	0.0100	3820	4000	-4.0	20.0
4-Bromophenyl phenyl ether	Lin2		0.2740	0.1000	3830	4000	-4.0	20.0
Atrazine	Lin2		0.3354	0.0100	3860	4000	-3.0	20.0
Hexachlorobenzene	Lin1		0.3015	0.1000	3370	4000	-16.0	20.0
n-Octadecane	Lin2		0.5372	0.0100	3680	4000	-8.0	20.0
Pentachlorophenol	Lin1		0.2035	0.0500	7630	8000	-5.0	20.0
Phenanthrene	Ave	1.428	1.402	0.7000	3930	4000	-2.0	20.0
Anthracene	Lin2		1.408	0.7000	3850	4000	-4.0	20.0
Carbazole	Lin1		1.141	0.0100	4820	4000	21.0*	20.0
Di-n-butyl phthalate	Lin2		1.527	0.0100	3770	4000	-6.0	20.0
Fluoranthene	Lin2		1.540	0.6000	3990	4000	0.0	20.0
Pyrene	Ave	1.661	1.754	0.6000	4220	4000	6.0	20.0
Butyl benzyl phthalate	Lin2		0.6842	0.0100	3730	4000	-7.0	20.0
Bis(2-ethylhexyl) phthalate	Lin2		0.9611	0.0100	3700	4000	-7.0	20.0
Benzo[a]anthracene	Ave	1.658	1.653	0.8000	3990	4000	0.0	20.0
Chrysene	Ave	1.588	1.583	0.7000	3990	4000	0.0	20.0
Di-n-octyl phthalate	Lin2		1.676	0.0100	3760	4000	-6.0	20.0
Benzo[b]fluoranthene	Lin2		1.445	0.7000	3700	4000	-7.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240291-1

SDG No.:

Lab Sample ID: CCVIS 480-780624/2 Calibration Date: 07/14/2026 23:55

Instrument ID: HP5973Y Calib Start Date: 07/08/2026 15:17

GC Column: RXI-5Sil MS ID: 0.25(mm) Calib End Date: 07/08/2026 18:22

Lab File ID: Y072900.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Biphenyl	Ave	1.847	1.795	0.0100	3890	4000	-3.0	20.0
2-Chloronaphthalene	Ave	1.445	1.401	0.8000	3880	4000	-3.0	20.0
2-Nitroaniline	Lin2		0.3660	0.0100	3870	4000	-3.0	20.0
Dimethyl phthalate	Ave	1.480	1.457	0.0100	3940	4000	-2.0	20.0
1,3-Dinitrobenzene	Lin2		0.1470	0.0100	4410	4000	10.0	20.0
2,6-Dinitrotoluene	Lin2		0.3476	0.2000	4090	4000	2.0	20.0
Acenaphthylene	Lin2		2.270	0.9000	3960	4000	-1.0	20.0
3-Nitroaniline	Ave	0.2562	0.2677	0.0100	4180	4000	4.0	20.0
2,4-Dinitrophenol	Lin1		0.1474	0.0100	6780	8000	-15.0	20.0
Acenaphthene	Lin2		1.501	0.9000	3870	4000	-3.0	20.0
4-Nitrophenol	Lin2		0.1606	0.0100	7300	8000	-9.0	20.0
2,4-Dinitrotoluene	Lin2		0.4505	0.2000	4070	4000	2.0	20.0
Dibenzofuran	Ave	1.970	1.997	0.8000	4050	4000	1.0	20.0
2,3,4,6-Tetrachlorophenol	Lin2		0.3895	0.0100	4250	4000	6.0	20.0
Hexadecane	Lin2		0.8576	0.0100	3680	4000	-8.0	20.0
Diethyl phthalate	Ave	1.525	1.509	0.0100	3960	4000	-1.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.7586	0.7980	0.4000	4210	4000	5.0	20.0
4-Nitroaniline	Ave	0.2330	0.2732	0.0100	4690	4000	17.0	20.0
Fluorene	Lin2		1.737	0.9000	4040	4000	1.0	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1508	0.0100	7100	8000	-11.0	20.0
Diphenylamine	Ave	0.8275	0.8229	0.0100	3400	3420	-1.0	20.0
N-Nitrosodiphenylamine	Ave	0.7075	0.7036	0.0100	3980	4000	-1.0	20.0
1,2-Diphenylhydrazine	Ave	0.9722	0.8579	0.0100	3530	4000	-12.0	20.0
Azobenzene	Ave	0.9722	0.8579	0.0100	3530	4000	-12.0	20.0
4-Bromophenyl phenyl ether	Lin2		0.2929	0.1000	4090	4000	2.0	20.0
Atrazine	Lin2		0.3576	0.0100	4110	4000	3.0	20.0
Hexachlorobenzene	Lin1		0.3482	0.1000	3860	4000	-3.0	20.0
n-Octadecane	Lin2		0.5051	0.0100	3460	4000	-13.0	20.0
Pentachlorophenol	Lin1		0.1778	0.0500	6770	8000	-15.0	20.0
Phenanthrene	Ave	1.428	1.422	0.7000	3980	4000	0.0	20.0
Anthracene	Lin2		1.412	0.7000	3860	4000	-4.0	20.0
Carbazole	Lin1		1.248	0.0100	5300	4000	33.0*	20.0
Di-n-butyl phthalate	Lin2		1.549	0.0100	3830	4000	-4.0	20.0
Fluoranthene	Lin2		1.535	0.6000	3980	4000	-1.0	20.0
Pyrene	Ave	1.661	1.636	0.6000	3940	4000	-1.0	20.0
Butyl benzyl phthalate	Lin2		0.6882	0.0100	3750	4000	-6.0	20.0
Bis(2-ethylhexyl) phthalate	Lin2		0.9613	0.0100	3700	4000	-7.0	20.0
Benzo[a]anthracene	Ave	1.658	1.622	0.8000	3910	4000	-2.0	20.0
Chrysene	Ave	1.588	1.565	0.7000	3940	4000	-1.0	20.0
Di-n-octyl phthalate	Lin2		1.721	0.0100	3860	4000	-3.0	20.0
Benzo[b]fluoranthene	Lin2		1.491	0.7000	3820	4000	-5.0	20.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-780473/1-A

Matrix: Water | Lab File ID: Y072885.D

Analysis Method: EPA 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/13/2026 06:56

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 17:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RXI-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 780620 | Units: ug/L

Preparation Batch No.: 780473 | Instrument ID: HP5973Y

Number TICs Found: 12 | TIC Result Total: 149.48

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	4.88	34.0	T J	
	Unknown	11.33	2.43	T J	
7206-21-5	5-Octadecene, (E)-	11.60	6.28	T J N	99%
	Unknown	11.83	25.8	T J	
	Unknown	12.53	4.95	T J	
	Unknown	12.96	8.69	T J	
	Unknown	13.37	1.83	T J	
	Unknown	14.03	8.70	T J	
	Unknown	14.42	2.34	T J	
	Unknown	14.70	25.6	T J	
	Unknown	15.60	4.46	T J	
	Unknown	15.96	24.4	T J	

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Buffalo Job No.: 480-240291-1

SDG No.:

Client Sample ID: RI-MW-2 Lab Sample ID: 480-240291-1

Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25

Date Analyzed (1): 07/14/2026 16:36 Date Analyzed (2): 07/14/2026 16:36

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
gamma-BHC (Lindane)	1		3.36	3.34	3.40	0.016		0.8
	2		3.87	3.84	3.90	0.015		
beta-BHC	1		3.45	3.41	3.47	0.041		51.2
	2		3.95	3.91	3.97	0.070		
delta-BHC	1		3.58	3.58	3.64	0.098		155.4
	2		4.27	4.23	4.29	0.012		
Heptachlor	1		3.80	3.78	3.84	0.016		7.9
	2		4.37	4.32	4.38	0.018		
Aldrin	1		4.08	4.07	4.13	0.013		38.7
	2		4.71	4.67	4.73	0.019		
4,4'-DDE	1		5.02	5.01	5.07	0.013		7.5
	2		5.79	5.78	5.84	0.014		
4,4'-DDD	1		5.66	5.62	5.68	0.018		17.1
	2		6.45	6.39	6.45	0.015		

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240291-1

SDG No.:

Lab Sample ID: ICV 480-779812/22 Calibration Date: 07/02/2026 17:32

Instrument ID: HP6890-25 Calib Start Date: 07/02/2026 15:54

GC Column: RTX-CLPI ID: 0.53(mm) Calib End Date: 07/02/2026 17:12

Lab File ID: 25_102-219.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		0.0274		0.245	0.500	-51.0*	20.0
Toxaphene Peak 2	Lin1		0.0286		0.189	0.500	-62.0*	20.0
Toxaphene Peak 3	Lin1		0.0371		0.496	0.500	-1.0	20.0
Toxaphene Peak 4	Lin1		0.0406		0.533	0.500	7.0	20.0
Toxaphene Peak 5	Lin1		0.0509		0.573	0.500	15.0	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-240291-1

SDG No.:

Lab Sample ID: ICV 480-779812/22 Calibration Date: 07/02/2026 17:32

Instrument ID: HP6890-25 Calib Start Date: 07/02/2026 15:54

GC Column: RTX-CLPII ID: 0.53(mm) Calib End Date: 07/02/2026 17:12

Lab File ID: 25_102-219.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		0.0116		0.312	0.500	-38.0*	20.0
Toxaphene Peak 2	Lin1		0.0128		0.255	0.500	-49.0*	20.0
Toxaphene Peak 3	Lin1		0.0358		0.369	0.500	-26.0*	20.0
Toxaphene Peak 4	Lin1		0.0293		0.491	0.500	-2.0	20.0
Toxaphene Peak 5	Lin1		0.0334		0.634	0.500	27.0*	20.0

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Buffalo | Job No.: 480-240291-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-780601/1-A

Matrix: Water | Lab File ID: 25_102-372.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 07/14/2026 07:59

Sample wt/vol: 250(mL) | Date Analyzed: 07/14/2026 14:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 780660 | Units: ug/L

Preparation Batch No.: 780601 | Instrument ID: HP6890-25

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	ND		0.050	0.0092
72-55-9	4,4'-DDE	ND		0.050	0.012
50-29-3	4,4'-DDT	ND		0.050	0.011
309-00-2	Aldrin	ND		0.050	0.0081
319-84-6	alpha-BHC	ND		0.050	0.0077
5103-71-9	cis-Chlordane	ND		0.050	0.015
319-85-7	beta-BHC	ND		0.050	0.025
319-86-8	delta-BHC	ND		0.050	0.010
60-57-1	Dieldrin	ND		0.050	0.0098
959-98-8	Endosulfan I	ND		0.050	0.011
33213-65-9	Endosulfan II	ND		0.050	0.012
1031-07-8	Endosulfan sulfate	ND		0.050	0.016
72-20-8	Endrin	ND		0.050	0.014
7421-93-4	Endrin aldehyde	ND		0.050	0.016
53494-70-5	Endrin ketone	ND		0.050	0.012
58-89-9	gamma-BHC (Lindane)	0.0101	J	0.050	0.0080
5103-74-2	trans-Chlordane	ND		0.050	0.011
76-44-8	Heptachlor	ND		0.050	0.0085
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074
72-43-5	Methoxychlor	ND		0.050	0.014
8001-35-2	Toxaphene	ND		0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		10-120
877-09-8	Tetrachloro-m-xylene	72		10-120

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Buffalo Job No.: 480-240291-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: MB 480-780478/1-A

Instrument Code: ICAP4 Batch No.: 780604

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	ND			6010D
7440-36-0	Antimony	ND			6010D
7440-38-2	Arsenic	ND			6010D
7440-39-3	Barium	ND			6010D
7440-41-7	Beryllium	ND			6010D
7440-43-9	Cadmium	ND			6010D
7440-70-2	Calcium	ND			6010D
7440-47-3	Chromium	ND			6010D
7440-48-4	Cobalt	ND			6010D
7440-50-8	Copper	ND		^5+	6010D
7439-89-6	Iron	ND			6010D
7439-92-1	Lead	0.00424	J		6010D
7439-95-4	Magnesium	ND			6010D
7439-96-5	Manganese	ND			6010D
7440-02-0	Nickel	ND			6010D
7440-09-7	Potassium	0.127	J		6010D
7782-49-2	Selenium	ND			6010D
7440-22-4	Silver	ND			6010D
7440-23-5	Sodium	ND			6010D
7440-28-0	Thallium	ND		^5+	6010D
7440-62-2	Vanadium	ND			6010D
7440-66-6	Zinc	0.00218	J		6010D

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 480-780604/20

Lab Name: Eurofins Buffalo Job No.: 480-240291-1

Sample Matrix: LCS Source: LRC_00029

Analyte	(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	600	631.3		105	90	110		6010D
Antimony	5.00	5.21		104	90	110		6010D
Arsenic	5.00	5.29		106	90	110		6010D
Barium	20.0	20.90		105	90	110		6010D
Beryllium	25.0	24.19		97	90	110		6010D
Cadmium	5.00	5.40		108	90	110		6010D
Calcium	700	670.2		96	90	110		6010D
Chromium	10.0	9.35		94	90	110		6010D
Cobalt	20.0	20.95		105	90	110		6010D
Copper	8.00	9.10		114	90	110	^5+	6010D
Iron	600	580.2		97	90	110		6010D
Lead	40.0	43.83		110	90	110		6010D
Magnesium	400	425.2		106	90	110		6010D
Manganese	40.0	38.11		95	90	110		6010D
Nickel	10.0	9.44		94	90	110		6010D
Potassium	500	537.7		108	90	110		6010D
Selenium	40.0	41.89		105	90	110		6010D
Silver	3.00	3.00		100	90	110		6010D
Sodium	806	829.6		103	90	110		6010D
Sodium	806	860.3		107	90	110		6010D
Thallium	20.0	22.10		111	90	110	^5+	6010D
Vanadium	5.00	4.87		97	90	110		6010D
Zinc	20.0	19.61		98	90	110		6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).