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PHASE II ENVIRONMENTAL SITE ASSESSMENT

SPA ROAD PROPERTY
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

by
Haley & Aldrich, Inc.
Annapolis, Maryland

for
City of Annapolis Department of Public Works
Annapolis, Maryland

File No. 0209099-002
February 2025

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13 February 2025
File No. 0209099-002

City of Annapolis Department of Public Works
145 Gorman Street, 2nd Floor
Annapolis, Maryland 21401

Attention: Allyson De Matteo

Subject: Phase II Environmental Site Assessment
Spa Road Property
932 and 935 Spa Road
Annapolis, Maryland 21401

Dear Ms. De Matteo:

The enclosed report presents the investigation summary of the Phase II Environmental Site Assessment (Phase II ESA) completed on the above-referenced property located at 932 and 935 Spa Road, in Annapolis, Maryland (herein referred to as the "Site"). This Phase II ESA is presented by Haley & Aldrich, Inc. (Haley & Aldrich) in accordance with our proposal to the City of Annapolis (Department of Public Works [DPW]) dated 17 January 2024, as authorized on 26 February 2024 ("Agreement"). This Phase II ESA was performed in accordance with Haley & Aldrich's Phase II Work Plan dated 8 October 2024 and approved by the Maryland Department of the Environment (MDE) – Land Restoration Program (LRP) on 9 October 2024 and is structured to conform with the scope and limitations of the ASTM International (ASTM) E1903-19 Standard Practice for Environmental Site Assessments.

The objective of this Phase II ESA is to confirm the presence or absence of contamination in the soil, groundwater, and sediment at the Site and in the surface waters of the southern-adjoining Spa Creek associated with recognized environmental conditions (RECs) identified in the Phase I Environmental Site Assessment investigation of the Site. The following report documents the subsequent investigation activities completed in October and November 2024.

Thank you for the opportunity to perform these services for you. Please do not hesitate to contact us if you have any questions or comments.

Sincerely yours,
HALEY & ALDRICH, INC.

Molly Rudrow
Project Manager

Daniel L. Hoadley, CHMM
Principal

https://haleyaldrich.sharepoint.com/sites/CityofAnnapolis/Shared Documents/0209099.City of Annapolis Spa Road Property/002.Phase II ESA/Deliverable/2025-0213-HAI-CoA Phase II ESA-F.docx

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SIGNATURE PAGE FOR

PHASE II ENVIRONMENTAL SITE ASSESSMENT

SPA ROAD PROPERTY
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

PREPARED FOR
CITY OF ANNAPOLIS DEPARTMENT OF PUBLIC WORKS
ANNAPOLIS, MARYLAND

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List of Abbreviations

Abbreviation	Definition
A-Zone	A-Zone Environmental Services, LLC
AST	aboveground storage tank
ASTM	American Society for Testing and Metals International
ATC	Anticipated Typical Concentration
bgs	below ground surface
Bowman	Bowman Consulting
DOT	Department of Transportation
DPT	direct-push technology
DPW	Department of Public Works
EPA	United States Environmental Protection Agency
Eurofins	Eurofins Lancaster Environment Testing, LLC
GPRS	Ground Penetrating Radar Systems, LLC
Haley & Aldrich	Haley & Aldrich, Inc.
Hillis-Carnes	Hillis-Carnes Engineering Associates, Inc.
IDW	investigation-derived waste
LRP	Land Restoration Program
MDE	Maryland Department of the Environment
MS/MSD	matrix spike/matrix spike duplicate
µg/L	micrograms per liter
mg/kg	milligrams per kilogram
NAVD88	North American Vertical Datum of 1988
ND	non-detect
NTU	nephelometric turbidity unit
OCP	Oil Control Program
PAH	polynuclear aromatic hydrocarbon
PCB	polychlorinated biphenyl
Phase I ESA	Phase I Environmental Site Assessment Report
Phase II ESA	Phase II Environmental Site Assessment Report
PID	photoionization detector
PPL	Priority Pollutant List
ppm	parts per million
PVC	polyvinyl chloride
QA/QC	quality assurance/quality control
RAP	Response Action Plan
RCS	Residential Cleanup Standards

REC	recognized environmental condition
RSL	Regional Screening Level
S.U.	standard unit
Site	932 and 935 Spa Road in Annapolis, Maryland
SLERA	Screening-Level Ecological Risk Assessment
SVOC	semi-volatile organic compound
TCDD	2,3,7,8-tetrachlorodibenzodioxin
TCDF	2,3,7,8-tetrachlorodibenzofuran
TIC	tentatively identified compound
TOC	Total Organic Carbon
TPH-DRO	total petroleum hydrocarbons, diesel-range organics
TPH-GRO	total petroleum hydrocarbons, gasoline-range organics
USCS	Unified Soils Classification System
UST	underground storage tank
VCP	Voluntary Cleanup Program
VOC	volatile organic compound

1. Introduction

Haley & Aldrich, Inc. (Haley & Aldrich) has prepared this *Phase II Environmental Site Assessment* (Phase II ESA) *Report* to present the assessment of data collected as part of the various phases of field investigation conducted to date at the Spa Road property located at 932 and 935 Spa Road in Annapolis, Maryland (Site). The Site location is depicted on Figure 1.

A stepwise investigative approach was implemented at the Site in accordance with the *Phase II ESA Work Plan* that was approved by the Maryland Department of the Environment (MDE) Voluntary Cleanup Program (VCP) on 9 October 2024. The primary objective was to evaluate the potential of the recognized environmental conditions (RECs) identified in the *Phase I Environmental Site Assessment* (Phase I ESA) *Report* to have impacted environmental media, including soil, groundwater, sediment, and surface water. The Phase I ESA was submitted to the MDE VCP as an attachment to the VCP Application on 26 June 2024.

2. Site Background

2.1 SITE DESCRIPTION

The Site is owned by the City of Annapolis and is located at 932 and 935 Spa Road in the City of Annapolis, Maryland (Figures 1 and 2). The Site comprises two parcels (Parcel ID #020600001407408 and #0206000090091503) totaling approximately 12.04 acres. The Site includes one approximately 1.77-acre parcel and one approximately 1.97-acre parcel located west of Spa Road, and one approximately 8.3-acre parcel located east of Spa Road, which extends east to the headwaters of Spa Creek.

The western portion of the Site (932 Spa Road) currently consists of a three-bay automotive garage for Department of Public Works (DPW) vehicle maintenance, a salt storage dome, trailers, and a storage yard for DPW materials. The eastern and western portions of the Site are separated by Spa Road. The eastern portion of the Site (935 Spa Road) currently consists of the formerly used Weems-Whalen Field (defined on Figure 3), a vacant concession building, a fueling station, paved parking area, and storage yard for the DPW. Haley & Aldrich notes that there is the potential for the Weems-Whalen Field portion of the property to be subdivided in the future due to the intent to re-establish it for recreational use. As such, Section 4 – Results and Section 5 – Conclusions, discuss Weems-Whalen Field and the remaining Spa Road property separately.

2.2 SITE HISTORY

The Site contains the location previously identified as the Spa Creek Landfill. According to User-provided information, the southwestern corner of the eastern Site parcel was used as a landfill from at least the mid-1910s until 1934. In 1934, an incinerator facility was constructed in the vicinity of the former landfill and was in operation until 1949. In 1949, the City of Annapolis leased the eastern parcel of the Site to the Annapolis Athletic Association to develop an athletic field. Weems-Whalen athletic field was completed in 1954 in the area previously used to landfill ash generated from the incinerator. The athletic field was in use until circa 2021. Automotive garages and offices were present on the eastern portion of the Site until approximately 2018, when the buildings were demolished.

The former Spa Creek Landfill appears on the Maryland Land Restoration Program (LRP) online database as located in the southwestern portion of the parcel east of Spa Road (935 Spa Road) on the Site and is suspected as being in the vicinity of the former incinerator and ash disposal area; however, the precise footprint of the former landfill is unknown.

2.3 PREVIOUS REPORTS

Numerous environmental and geotechnical reports have been prepared for the Site, as listed below. A detailed summary of the prior reports is provided in Haley & Aldrich's 2024 Phase I ESA:

- *Phase I & II Environmental Site Assessment*, 20 September 2002, Prepared by Quality Environmental Solutions, Inc., Prepared for Drum Snell & Associates.
- *Waters of the U.S. Delineation Report*, 02 August 2016, Prepared by ECS Mid-Atlantic, LLC, Prepared for Drum Snell & Associates.
- *U.S. Army Corps of Engineers Concurrence Letter*, 08 February 2017.

- *Report of Subsurface Exploration, Laboratory Testing, and Geotechnical Engineering Analyses*, 28 February 2017, Prepared by ECS Mid-Atlantic, LLC, Prepared for McCrone Engineering.
- *Weems-Whalen Field Borings*, 24 April 2019, Prepared by Hillis-Carnes Engineering Associates, Inc. (Hillis-Carnes), Prepared for Builder Guru Contracting, Gardiner & Gardiner Contracting.
- *Limited Subsurface Investigation*, 01 August 2019, Prepared by Hillis-Carnes, Prepared for the City of Annapolis Public Works.
- *Limited Subsurface Investigation – Cover Soil*, 04 November 2019, prepared by Hillis-Carnes, Prepared for the City of Annapolis Public Works.
- *Public Works Limited Methane Study*, 18 March 2020, Prepared by Hillis-Carnes, Prepared for the City of Annapolis Public Works.
- *Public Works Comprehensive Cover Soil Investigation*, 25 February 2022, Prepared by Hillis-Carnes, Prepared for Builder Guru Contracting, Gardiner & Gardiner Contracting.
- *Public Works Arsenic Investigation*, 30 May 2023, Prepared by Hillis-Carnes, Prepared for Builder Guru Contracting, Gardiner & Gardiner Contracting.
- *Phase I Environmental Site Assessment, Weems-Whalen Property,* 17 January 2024, Prepared by Haley & Aldrich, Inc., Prepared for the City of Annapolis DPW.

The following RECs for the Site were noted in the 2024 Phase I ESA:

- **REC #1:** Former Landfill and Incinerator Facility with On-Site Disposal

  The Site was previously the location of the Spa Creek Landfill, which included historical dumping on the Site prior to 1934. The incinerator is identified in the MDE LRP database. According to MDE records, the landfill was located on the southwestern portion of the eastern half of the Site. No additional information was provided in the environmental database or in the MDE online records reviewed. An incinerator facility was constructed on the eastern portion of the Site at 935 Spa Road in 1934 and operated until approximately 1949. The ash material from incinerator operations generated at the facility was used as fill material during the construction of the Weems-Whalen Athletic Field, which was completed in 1954.

  Previous reports for the Site include subsurface soil investigations, with a specific focus on the athletic field area. The area of the former landfill did not appear to be investigated in previous reports. Analytical results from the soil investigations indicated exceedances of MDE's Residential Soil Cleanup Standards (RCS). Potential impacts from airborne ash generated from incinerator operations were not investigated in previous reports. Because impacts to the soil exceed the RCS, the former use of the Site as a landfill and incinerator facility represented a REC.

- **REC #2:** Historical and Current Site Operations

  Current and former use of the Site by the DPW includes automotive maintenance with below-grade hydraulic lifts, former underground storage tanks (USTs), a fueling station with two active USTs, subsurface stormwater structures, including two oil-water separators, and storage yards. Oil Control Program (OCP) Cases are associated with the Site and include spills and releases from the former USTs. The eastern portion of the Site was previously occupied by a maintenance garage, which operated from circa 1980 until 2018, and included below-grade hydraulic lifts and USTs. There is no information indicating the below-grade hydraulic lifts were properly closed. The USTs are reported as either removed or closed-in-place in the environmental database

report. Former automotive maintenance garages (currently unused) are located on the western portion of the Site.

Current USTs on the eastern portion of the Site were installed over 35 years ago and the conditions of the current USTs are unknown. Spills, releases, and OCP Cases have been reported for the Site indicating releases to the property; however, the location and cleanup status of these releases is unknown and there is a potential for the spills to have impacted soil, groundwater, and soil vapor through direct contact or by entering into subsurface stormwater structures located on the eastern and western portions of the Site. Additionally, the integrity of these subsurface stormwater structures is unknown. Two storage yards are located on the Site, one in the eastern portion and one in the western portion. At the time of the Phase I ESA Site visit, the storage yards were observed with piles of used tires, scrap metal, appliances, masonry, and empty 55-gallon drums labeled "engine oil." In addition, anecdotal information provided by Site personnel indicates historical dumping in the ravine along the western boundary of the Site.

Previous investigations at the Site report that the concentration of total petroleum hydrocarbons diesel-range organics (TPH-DRO) detected in one soil sample was greater than the MDE RCS. Because the closure status and integrity of below-grade structures previously containing petroleum products is unknown and there have been confirmed spills and releases on the Site with chemicals of concern related to petroleum products, the historical and current Site operations were considered a REC.

2.4 REGIONAL TOPOGRAPHY, HYDROGEOLOGY, AND GEOLOGY

Topographically, the Site generally slopes downgradient toward Spa Creek, which is located along the southern and western boundaries of the Site. The eastern parcel of the Site ranges from elevations of approximately 40 feet above mean sea level at the northern area of the parcel to approximately mean sea level along Spa Creek located in the southern area of the parcel. The westernmost area of the Site at Spa Creek has a higher elevation of approximately 6 feet above mean sea level. The investigation identified groundwater levels at depths ranging from 1.90 to 18.28 feet above mean sea level.

3. Site Characterization Activities

The following sections detail the various phases of field investigation conducted at the Site during October and November 2024. A photo log of Site investigation activities is included in Appendix A.

3.1 UTILITY MARK-OUT AND PERMITS

Prior to any ground surface disturbance, Miss Utility was contacted to locate utilities within the proposed investigation areas. Haley & Aldrich also contracted a private utility locating service, Ground Penetrating Radar Systems, LLC (GPRS) of Baltimore, Maryland to scan the proposed sampling locations throughout the Site. GPRS marked subsurface obstructions, and Haley & Aldrich used this information to determine the final placement of the soil borings and monitoring wells.

3.2 SOIL BORING ADVANCEMENT AND SCREENING

From 14 through 18 October 2024, Haley & Aldrich provided oversight as A-Zone Environmental Services, LLC (A-Zone) of Charlestown, West Virginia drilled a total of 30 soil boring locations using a track-mounted Geoprobe® direct-push technology (DPT) drill rig. The drill rig advanced 5-foot-long, 2-inch-diameter, stainless-steel macro-core samplers fitted with internal, dedicated acetate liners. Soil borings using the Geoprobe® were advanced to depths of 20 feet to 35 feet below ground surface (bgs), depending on where groundwater was encountered. SB-101 was advanced using a hand auger to a depth of 5 feet bgs.

Twenty-two borings (labeled SB-100 to SB-119) are located across the Site to evaluate impacts to surface and subsurface soil. Specifically, boring locations on the western portion of the Site were advanced to investigate subsurface conditions in the vicinity of the existing 1,000-gallon aboveground storage tank (AST), in the vicinity of the former 550-gallon heating oil UST location, along the storage yard, and in the vicinity of the on-Site sewer system that receives intake from the oil-water separator. Boring locations on the eastern portion of the Site were advanced to investigate subsurface conditions at the fueling station, the former location of the 1,500-gallon fuel oil AST, the former garage service bay drains, in the vicinity of the former automotive garage and hydraulic lifts, at the location of a former oil-water separator, incinerator building location, in the vicinity of outdoor storage areas, and to determine the extent of fill material associated with the former landfill along the southern perimeter. Five soil borings were advanced in the vicinity of SB-113 (one central point and four stepping out approximately 10 feet in each cardinal direction) to investigate the location of the former hydraulic lift. The location with the highest photoionization detector (PID) measurement or visual observation of staining was selected as the sampling location.

The remaining eight soil borings consisted of two clusters of four borings on the Weems-Whalen Field. These soil borings were in the vicinity of the two highest arsenic concentrations from previous investigations (Hillis-Carnes, 2023). Specifically, four borings are located at cardinal directional offsets from historical borings C-2 and N-3. Soil borings C-2N, C-2E, C-2S, C-2W, N-3N, N-3E, N-3S, and N-3W were collected to evaluate the horizontal and vertical extents of the area of concern containing metal-impacted soils.

At each boring, Haley & Aldrich field personnel logged soils using visual-manual methods and classified soils in conformance with the Unified Soils Classification System (USCS). The observed lithology

consisted of different surface completions (consisting of asphalt, concrete, topsoil, and assorted aggregates), fill material (consisting of sandy-gravels, clayey sands, and sandy-clays containing fragments of brick, glass, wood, concrete, rubber, plastic, and ash) and native deposits (consisting of clayey sands and lean clays).

The soil cores were inspected for visual and olfactory visual observance of soil staining and screened for the presence of volatile organic compounds (VOCs) using a calibrated PID at 1-foot intervals. PID readings ranged from zero or non-detect (ND) to 220 parts per million (ppm). PID detections were not identified in the majority of the soil cores. At SB-115, elevated PID detections of approximately 20 to 220 ppm were observed from 10 to 25 feet bgs. Additionally, evidence of petroleum staining was observed in SB-115 from 10 to 22 feet bgs. SB-115 is located along the northeastern portion of the Site within the vicinity of a former 1,500-gallon fuel oil UST. Further PID detections were observed at SB-105 and SB-119. For SB-105, a reading of 5.7 ppm was recorded at 13 feet bgs. At SB-119, a detection of 10 ppm was observed near the surface, at less than 1 foot bgs. Soil boring logs are included in Appendix B and cross-sections are provided as Figures 4, 5, and 6.

The soils generated during the drilling activities were containerized in Department of Transportation (DOT)-approved 55-gallon drums and appropriately labeled with the contents, generation date, and contact information.

3.3 SOIL SAMPLING

Soil samples were obtained from each borehole at the specified intervals outlined in Table 1. Either two or three, depending on observations, grab samples were collected from each boring (64 samples in total) and submitted for laboratory analysis. The sampling program was designed to target potential areas of concern and evaluate the potential impacts associated with the areas of concern. A maximum of three soil samples was collected from each boring for laboratory analysis, which included the following sampling design: one soil sample collected from 0 to 1 foot bgs; one sample collected from 4 to 5 feet bgs; and a third sample was collected if visual inspection or PID measurements of the soil core indicated the potential for impacts. The sampling program for the C-2 and N-3 clusters included the collection of soil samples from the following intervals: 0 to 1 foot bgs; 1 to 2 feet bgs; and 2 to 3 feet bgs.

Specific sampling locations are provided in Table 1. Samples were submitted for laboratory analysis based on specific constituents of concern in relation to the area of sample collection.

The full suite of sample analysis included the following:

- VOCs via United States Environmental Protection Agency (EPA) Method 8260, plus Tentatively Identified Compounds (TICs).
- Semi-volatile organic compounds (SVOCs) via EPA Method 8270, plus TICs.
- Priority Pollutant List (PPL) Metals via EPA Method 6020.
- Mercury via EPA Method 7470.
- Cyanide via EPA Method 9012.
- Polynuclear aromatic hydrocarbons (PAHs) via EPA Method 8270.
- Polychlorinated biphenyls (PCBs) via EPA Method 8082.

- Pesticides via EPA Method 8081.
- Herbicides via EPA Method 8151.
- Total petroleum hydrocarbons (TPH) gasoline-range organics (GRO) and TPH-DRO via EPA Method 8015.
- Limited dioxins/furans [(2,3,7,8-tetrachlorodibenzodioxin (TCDD) and 2,3,7,8,-tetrachlorodibenzofuran (TCDF)] via EPA Method 1613.

Two samples with the highest concentrations of mercury were speciated for elemental mercury via EPA Method 1631B. Three samples were selected for speciation of hexavalent chromium via EPA Method 7199 based on total chromium concentrations and the spatial location of the sample.

The sampling scope additionally included the collection of quality assurance/quality control (QA/QC) samples, which are detailed in Section 3.7. All samples were placed in appropriate containers (as prepared and provided by the laboratory), preserved in accordance with the specific laboratory methods, placed into iced coolers, and submitted for analysis to Eurofins Lancaster Environment Testing, LLC (Eurofins) of Lancaster, Pennsylvania under the standard chain of custody procedures.

3.4 GROUNDWATER MONITORING WELL INSTALLATION

A total of 13 groundwater monitoring wells were constructed across the Site to capture constituents of concern related to historical and current property uses, in addition to potential environmental impacts associated with the former 1,500-gallon heating oil UST, former 1,500-gallon fuel oil UST, former fuel pump, concessions building, outdoor storage area, salt dome, three-bay automotive garage, and former incinerator/landfill uses. Twelve of the 13 monitoring wells were soil borings converted into permanent groundwater monitoring wells identified as SB-100/MW-5, SB-103/MW-3, SB-104/MW-4, SB-108/MW-6, SB-110/MW-7, SB-111/MW-8, SB-112/MW-10, SB-114/MW-9, SB-115/MW-11, SB-116/MW-13, SB-117/MW-14, and SB-119/MW-15. MW-12, located just south of the concessions stand, was not converted from a soil boring and was located in the former Weems-Whalen Field area. The well installations were completed using 6.25-inch inner diameter hollow-stem augers advanced by the Geoprobe® referenced at the locations identified above and shown on Figure 2.

The wells were constructed using 2-inch polyvinyl chloride (PVC) well casings and installed to depths ranging from 20 to 35 feet bgs, based on the encountered depth to groundwater. Saturated conditions ranging from approximately 16 to 32 feet bgs were consistently encountered across the Site during the monitoring well installations. Note the soil boring and monitoring well installations were completed during a time of prolonged drought in the Mid-Atlantic area. Groundwater wells were installed to the depths of observed saturation at that time. Groundwater levels are expected to be encountered at shallower levels across the Site during standard weather conditions.

Wells were constructed with approximately 10 feet of 0.01-inch machine-slotted PVC well screens exposed below the groundwater elevation, followed by Schedule 40 PVC riser pipe. Backfill of the boreholes included a layer of filter sand extended to approximately 2 feet above the top of the well screen, followed by a 2-foot bentonite seal, completed with cement-bentonite grout extending to the ground surface. Monitoring wells were completed with either a flush-mount, 8-inch manhole vault set in a concrete pad, or a 5-inch inner diameter protective stick-up casing with a surrounding concrete pad. Well construction details are summarized in Table 2.

Following the installation, the groundwater monitoring wells were developed using a submersible pump with dedicated high-density polyethylene tubing to remove any fine sediment from the wells and to establish a hydraulic connection with the surrounding aquifer. Development was continued at each location until the water flowing from the well was sediment-free and non-turbid. During development, 15 to 50 gallons of purge water were removed from each of the monitoring wells. MW-13 was developed using this method; however, high turbidity readings were identified during the first attempt at low-flow sampling methods. The well was redeveloped; however, this monitoring well sustained consistently high turbidity readings (greater than 440 nephelometric turbidity units [NTUs]) despite the redevelopment.

Water elevation measurements were collected using an interface probe from the north side of the monitoring well casing to determine the distance between the reference point and the water level in the well.

The approximate locations of the groundwater monitoring wells are shown on Figure 2. The groundwater monitoring wells were surveyed (detailed in Section 3.9) and a groundwater elevation contour map is provided as Figure 7.

3.5 GROUNDWATER SAMPLING

Groundwater samples were collected from each of the 13 monitoring wells. Following well development, the wells were allowed to equilibrate for at least 24 hours prior to any groundwater sampling activities. The groundwater wells were stabilized and groundwater samples were collected using EPA Low-Flow Sampling Methods, except for MW-13, in which high turbidity readings were encountered.

During sampling, wells were purged using low-flow micro-purge pumping methods with a peristaltic pump for shallower wells (less than 30 feet), and with a submersible pump for the wells exceeding 30 feet. Purge water was monitored through a calibrated Horiba® U-52 multi-parameter water quality meter every five minutes for turbidity, pH, conductivity, dissolved oxygen, oxidation-reduction potential, and temperature. The field parameters were measured and recorded to evaluate the stabilization of the purged groundwater. Purging was considered complete when the field parameter measurements stabilized with three successive readings within ±0.1 units for pH, ±3% for temperature, ±10% for dissolved oxygen, <5 NTUs (or ± 10% if >10 NTU) for turbidity, and ±3% for specific conductivity. Forms containing data from the groundwater sampling are provided as Appendix C.

After stabilization, groundwater samples were collected in pre-preserved, laboratory-supplied sample containers and packed on ice for transportation via courier for laboratory analysis. Samples collected during the event were submitted under proper chain of custody protocols to Eurofins.

Samples submitted for analysis included the following:

- VOCs via EPA Method 8260 plus TICs.
- SVOCs via EPA Method 8270 plus TICs.
- Total PPL Metals via EPA Method 6020.
- Mercury via EPA Method 7470.
- PCBs via EPA Method 8082.

- PAHs via EPA Method 8270.

QA/QC sampling procedures are detailed in Section 3.7.

3.6 SEDIMENT AND SURFACE WATER SAMPLING

In total, six sediment samples, and six surface water samples were collected during the Phase II ESA. SED-3/SW-3 is located within a stormwater pond on the western parcel, and SED-1/SW-1, SED-2/SW-2, and SED-4/SW-4 through SED-6/SW-6 are located along Spa Creek.

The samples were collected from the adjacent stream and stream bed or embankment locations for the analysis of constituents of concern that could potentially be migrating via runoff or groundwater to the surface water discharge. Sediment samples were collected from 0 to 0.5 feet bgs and were co-located with surface water samples. Sediment samples were collected using a stainless-steel trowel. Grain size was recorded in the field based on observation. The sediments were observed to be brown to dark brown, medium-grained sandy clays. Sediment and surface water samples were placed in laboratory-supplied containers, packed on ice, and shipped in accordance with appropriate laboratory transportation protocols.

Sediment samples were analyzed for the following:

- pH and PPL Metals via EPA Method 6020.
- Mercury via EPA Method 7470.
- SVOCs via EPA Method 8270 plus TICs.
- PCBs via EPA Method 8082.
- Total Organic Carbon (TOC) via the Lloyd Khan Method EPA Method 9060.

Surface water samples were collected by submersing and capping the bottleware approximately 6 inches below the water surface. Sample containers containing preservatives were not submerged beneath water; the samples were collected by partitioning water from an unpreserved container. General water quality parameter data were recorded using Horiba® U-52 and YSI water quality meters, including salinity, pH, conductivity, dissolved oxygen, oxidation-reduction potential, temperature, and turbidity. Forms containing data from the surface water sampling are provided as Appendix D. Data for SW-3 is not included, as this sample was collected at a later date following a storm event that provided water in the pond for sampling to take place.

Surface water samples were analyzed for the following:

- Total PPL Metals via EPA Method 6020.
- VOCs via EPA Method 8260 plus TICs (included for SW-03).
- SVOCs via EPA Method 8270 plus TICs.
- TOC via the Lloyd Khan Method EPA Method 9060.

3.7 QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES

QA/QC samples were collected for each sampling media. Blind field duplicates and matrix spike/matrix spike duplicate (MS/MSD) samples were collected to evaluate matrix interference and the analytical

precision of the sample analyses. Soil, groundwater, sediment, and surface water duplicates were collected at a frequency of one duplicate per 20 samples. Blind field duplicates were collected for samples with a moderate degree of impact. Trip blanks accompanied each cooler that contains soil, groundwater, and surface water samples for the analysis of VOCs. Field blanks were collected to ensure that the sample containers are clean and that contaminants have not been introduced to the sample from background conditions. Field blanks consisted of laboratory-provided deionized water poured from one set of containers to the sampling containers at the sampling location. Field blanks were collected at a frequency of one per 20 samples. Field equipment blanks were collected to evaluate decontamination procedures. Field equipment blanks were collected at a frequency of one per 20 samples collected with non-disposable equipment.

3.8 DECONTAMINATION PROCEDURES

Reusable sampling tools, equipment, and downhole equipment were thoroughly decontaminated between sample locations using Alconox and rinsed with deionized water as applicable. To reduce the potential for cross-contamination, single-use disposable equipment was used to collect environmental samples when possible.

3.9 INVESTIGATION-DERIVED WASTE (IDW)

Solid and liquid investigation-derived waste (IDW) generated during the investigation process was containerized in DOT-approved 55-gallon drums, labeled, and staged in facility-designated locations. The groundwater generated during the well development, drilling (decontamination water), and sampling activities performed by Haley & Aldrich was containerized in seven 55-gallon drums.

3.10 SURVEY DATA

On 7 November 2024, a Haley & Aldrich field geologist provided surveying oversight to representatives from Bowman Consulting (Bowman), of Columbia, Maryland, a Maryland State-licensed surveyor. The 13 newly installed groundwater monitoring wells, 31 soil borings, six surface water, and six sediment locations were surveyed with well elevation measurements taken at the top of the PVC casings and on top of the flush-mount manhole covers. The bearings provided through the survey were in the Maryland Coordinate System, and the vertical datum is North American Vertical Datum of 1988 (NAVD88).

3.11 GROUNDWATER ELEVATION DATA

On 5 November 2024, Haley & Aldrich field scientists conducted a synoptic water level round of groundwater elevations from the 13 newly installed monitoring wells (MW-03 through MW-15). The measured depth to groundwater ranged from 13.22 to 21.36 feet bgs. Groundwater elevation data are presented in Table 3. Based on the measured data, groundwater is observed to predominantly flow in a south-southeastern direction toward Spa Creek. A groundwater elevation contour map is included as Figure 7.

4. Results

The following sections outline the analytical results obtained during the October and November 2024 Site characterization activities. Soil, groundwater, sediment, and surface water data are provided as Tables 4 through 8. The laboratory analytical reports are included as Appendix E.

Based on the possible future uses of the Site (Weems-Whalen Field – recreational; remaining Spa Road property – residential) and likely land use restrictions (i.e., a limitation on groundwater usage), the soil and groundwater data were compared to the following criteria from the State of Maryland, Department of the Environment, Cleanup Standards for Soil and Groundwater, Interim Final Guidance, Update No. 3, dated October 2018 (MDE, 2018):

- Soil:
  - Residential Cleanup Standards (RCS)
- Groundwater:
  - Type I and II Aquifer Standards (Type I and II Standards)
- Sediment:
  - RCS
- Surface water
  - Type I and II Aquifer Standards

Additionally, all soil and sediment samples analyzed for metals were compared to the respective MDE standard and Anticipated Typical Concentrations (ATCs) as established by the MDE. Established ATCs evaluated in this Phase II include aluminum, arsenic, chromium (total), iron, manganese, and thallium. Note where the ATC is referenced in the results sections below, the ATC for Eastern Maryland is used based on the area in which the Site is located. Exceedances of the RCS are also implied where exceedances of the ATC are identified.

Soil samples analyzed for dioxins and furans were compared to applicable EPA Regional Screening Levels (RSLs).

4.1 SOIL SAMPLING RESULTS

4.1.1 Weems-Whalen Field Soil Analytical Results

Soil borings C-2N, C-2E, C-2S, C-2W, N-3N, N-3E, N-3S, and N-3W are associated with the Weems-Whalen Field. Historical exceedances of metals from sampling on the Weems-Whalen Field are shown on Figure 8. Exceedances of the Weems-Whalen Field metals concentrations from the 2024 sampling are shown on Figure 9.

4.1.1.1 Metals

- Arsenic concentrations that exceeded the ATC of 3.6 milligrams per kilogram (mg/kg) were identified in all 24 samples across the eight soil borings located in the Weems-Whalen Field area. Concentrations ranged from 6.7 to 290 mg/kg. The highest concentrations were identified

in C-2W_1-2, C-2W_2-3, and N-3W_0-1, which exhibited concentrations of 250 mg/kg, 290 mg/kg, and 180 mg/kg, respectively.

- Aluminum concentrations which exceeded the ATC of 11,000 mg/kg were identified in 14 soil samples across seven soil borings (all except N-3N). Concentrations ranged from 12,000 to 17,000 mg/kg, with the highest concentration identified in C-2N_1-2. Seven samples exceeded only the RCS of 7,700 mg/kg, with concentrations that ranged from 9,300 to 11,000 mg/kg.
- Chromium concentrations that exceeded the ATC of 28 mg/kg in all 24 samples (with the exception of N-3S_2-3). Chromium concentrations ranged from 35 to 320 mg/kg. The highest concentration of total chromium (exhibited in C-2E_0-1) was speciated for the analysis of hexavalent chromium. The concentration of hexavalent chromium that was identified was 0.44 mg/kg, slightly above the RCS of 0.3 mg/kg.
- Manganese concentrations that exceeded the ATC of 480 mg/kg in N-3W_1-2 at a concentration of 890 mg/kg. Ten samples exceeded only the RCS of 180 mg/kg, with concentrations that ranged from 200 to 610 mg/kg.
- Lead concentrations that exceeded the RCS of 400 mg/kg were identified in N-3E_1-2, N-3E_2-3, N-3N_2-3, and N-3W_1-2 at concentrations that ranged from 670 to 1,600 mg/kg.
- Mercury concentrations exceeded the RCS of 1.1 mg/kg in N-3W_1-2 at a concentration of 6 mg/kg. This sample was speciated for the analysis of elemental mercury and did not exhibit a detectable concentration.
- Silver concentrations exceeded the RCS of 39 mg/kg in N-3E_0-1 at a concentration of 630 mg/kg.
- Thallium concentrations exceeded the RCS of 0.078 mg/kg in 19 soil samples at concentrations that ranged from 0.079 to 0.18 mg/kg.

4.1.1.2 Herbicides and Pesticides

Three samples in the Weems-Whalen Field area were analyzed for herbicides and pesticides (C-2N_0-1, N-3N_0-1, and N-3S_0-1). Detectable concentrations did not exceed the RCS.

4.1.1.3 Cyanide

All 24 samples in the Weems-Whalen Field area were analyzed for cyanide. Detectable concentrations of cyanide did not exceed the RCS.

4.1.2 Spa Road Soil Analytical Results

The remaining soil borings are associated with the Spa Road area of the Site. These include SB-100 through SB-119. Exceedances of the Spa Road soil metals concentrations are shown on Figure 10. Exceedances of the Spa Road soil VOCs, SVOCs, and TPH concentrations are shown on Figure 11.

4.1.2.1 Metals

- Arsenic concentrations that exceeded the ATC of 3.6 mg/kg were identified in 28 samples across 17 soil borings. Arsenic concentrations which only exceeded the RCS of 0.68 mg/kg were identified in five samples across four soil borings. Concentrations primarily ranged from 4.2 to

20 mg/kg, with higher concentrations identified in SB-108_16-18 at 76 mg/kg, SB-109_4-5 at 71 mg/kg, and SB-110_0-1 at 35 mg/kg. These three samples are all located within the footprint of the former incinerator/landfill area.

- Aluminum concentrations that exceeded the ATC of 11,000 mg/kg were identified in 11 samples across nine soil borings. Aluminum concentrations which only exceeded the RCS of 7,700 mg/kg were identified in nine soil samples across six borings. Aluminum exceedances of the ATC ranged from 12,000 to 20,000 mg/kg and were primarily located in the former landfill/incinerator areas on the eastern side of the Site.
- Antimony concentrations exceeded the RCS of 3.1 mg/kg in three soil samples across three soil borings. Exceedances were detected in SB-108_16-18, SB-109_4-5, and SB-111_0-1 at concentrations of 5.9 mg/kg, 29 mg/kg, and 3.9 mg/kg, respectively.
- Chromium concentrations that exceeded the ATC of 28 mg/kg were identified in every soil sample, apart from SB-108_4-5, SB-109_0-1, and SB-112_4-5. Chromium concentrations ranged from 33 to 420 mg/kg. Two total chromium samples were selected for speciation analysis of hexavalent chromium, with a bias toward samples with the highest concentration of total chromium and to cover the spatial area. SB-105_4-5 exhibited a concentration of 1.6 mg/kg, above the RCS of 0.3 mg/kg. SB-117_0-1 exhibited a concentration of 0.22 mg/kg.
- Copper concentrations that exceeded the RCS of 310 mg/kg were identified in SB-108_4-5 and SB-110_0-1 at concentrations of 330 and 2,000 mg/kg, respectively, both located in the vicinity of the former landfill/incinerator.
- Lead concentrations that exceeded the RCS of 400 mg/kg were identified in SB-100_4-5, SB-103_4-5, SB-108_16-18, SB-109_0-1, SB-109_4-5, and SB-111_0-1. Concentrations in these samples ranged from 410 to 2,000 mg/kg. These soil borings are in the vicinity of the former landfill on the eastern side of the Site and west of these locations (beyond Spa Road) on the 932 Spa Road side of the Site.
- Manganese concentrations that exceeded the ATC of 480 mg/kg were identified in five soil samples across four soil borings: SB-109_0-1, SB-109_4-5, SB-111_0-1, SB-117_0-1, and SB-119_0-1. Concentrations in these samples ranged from 490 to 1,800 mg/kg and were generally located in former landfill areas and the storage yard in the southeastern area of the Site. Manganese concentrations which only exceeded the RCS were identified in 17 soil samples across 12 soil borings. Concentrations in these borings ranged from 210 to 400 mg/kg.
- Nickel concentrations that exceeded the RCS of 150 mg/kg were identified in nine soil samples across nine soil borings. Concentrations ranged from 190 to 1,100 mg/kg, with the highest concentrations located in the southeastern storage yard.
- Mercury concentrations that exceeded the RCS of 1.1 mg/kg in SB-108_16-18 at a concentration of 10 mg/kg. This sample was speciated for the analysis of elemental mercury, which exhibited a concentration of 0.00049 mg/kg, below the RCS.
- Thallium concentrations that exceeded the RCS of 0.078 in 10 soil samples across seven soil borings. Concentrations ranged from 0.082 to 1.3 mg/kg. These concentrations did not exceed the ATC of 3.9 mg/kg. The highest concentrations were observed in the area of the former landfill/ incinerator.
- Zinc concentrations exceeded the RCS of 2,300 mg/kg in SB-109_4-5 at a concentration of 4,000 mg/kg. This boring is in the location of the former landfill.

4.1.2.2 Cyanide

All detectable concentrations of cyanide were below the RCS.

4.1.2.3 Volatile Organic Compounds

Ethylbenzene was detected in SB-115_21-23 at a concentration of 7.8 mg/kg, above the RCS of 5.8 mg/kg. This soil boring was located adjacent to the former UST in the northern area of the Site.

4.1.2.4 Semi-Volatile Organic Compounds

- Benzo(a)anthracene was detected in SB-103_0-1 at a concentration of 4.7 mg/kg, above the RCS of 1.1 mg/kg. This soil boring was located in the storage yard on the western (932 Spa Road) side of the Site, southeast of the salt dome.
- Benzo(a)pyrene was detected in 14 soil samples across nine soil borings at concentrations above the RCS of 0.11 mg/kg. Concentrations ranged from 0.13 to 4.4 mg/kg and were primarily exhibited in borings located on the western area (932 Spa Road) of the Site, with additional exceedances exhibited in the former landfill and along the southern perimeter of the eastern side (935 Spa Road).
- Benzo(b)fluoranthene was detected in SB-103_0-1 at a concentration of 4.8 mg/kg, above the RCS of 1.1 mg/kg. This soil boring was located in the storage yard on the western (932 Spa Road) side of the Site, southeast of the salt dome.
- Dibenz(a,h)anthracene was detected in four samples across three soil borings at SB-103_0-1, SB-103_4-5, SB-106_0-1, and SB-111_4-5 at concentrations above the RCS of 0.11 mg/kg. Concentrations ranged from 0.12 to 0.69 mg/kg. These soil borings are located in storage yard areas on the western side (932 Spa Road) and former landfill areas on the eastern side (935 Spa Road).
- Naphthalene was detected in SB-115_21-23 at a concentration of 23 mg/kg, above the RCS of 3.8 mg/kg. SB-115 was located on the eastern side of the Site (935 Spa Road) in the vicinity of the former heating oil UST.

4.1.2.5 Polychlorinated Biphenyls

All detectable concentrations of PCBs were below the RCS.

4.1.2.6 Diesel-Range Organics and Gasoline-Range Organics

TPH-DRO concentrations that exceeded the RCS of 230 mg/kg were detected in SB-113_4-5 and SB-115_21-23 at concentrations of 350 and 13,000 mg/kg, respectively.

A TPH-GRO concentration that exceeded the RCS of 230 mg/kg was detected in SB-115_21-23 at a concentration of 420 mg/kg.

SB-113 was located in the vicinity of the former hydraulic lift. SB-115 was located in the vicinity of the former heating oil UST.

4.1.2.7 Dioxins and Furans

Seven samples across five borings were analyzed for TCDD and TCDF. There was one detectable concentration of TCDD at SB-111_0-1 that was below the EPA RSL. There is no EPA RSL for TCDF, which was detected in SB-111_4-5 at a concentration of 0.00000089 mg/kg.

4.2 GROUNDWATER RESULTS

The groundwater analytical results were compared to the Type I and II Standards, as presented in Table 6. Sample locations that exhibited exceedances in groundwater are shown on Figure 12.

Haley & Aldrich notes that even minimal levels of solids in groundwater samples can interfere with the accuracy of laboratory results for metals analysis due to the interference from suspended solids. Therefore, groundwater samples were also laboratory filtered using 0.4-micron filters prior to the analysis of dissolved metals concentrations to provide a more accurate assessment of groundwater quality.

4.2.1 Total Metals

Note high turbidity readings (> 48 NTUs) were encountered during low-flow sampling of MW-13, MW-14, and MW-15, which has the potential to bias the identified concentrations of metals. As previously identified in Section 3.4, MW-13 exhibited high turbidity readings after two rounds of well development.

Groundwater samples collected from the on-Site well locations exhibited exceedances of the following metals above the MDE Standard, including aluminum, arsenic, barium, lead, and manganese:

- Arsenic concentrations that exceeded the Type I and II Standard of 10 micrograms per liter (µg/L) were exhibited at MW-6 and MW-13 (both in the vicinity of the former Spa Creek Landfill), as well as MW-15 (located in the southern corner of the storage yard). The highest arsenic value was recorded at MW-6, with a concentration of 24 µg/L.
- Lead concentrations that exceeded the Type I and II Standard of 15 µg/L were exhibited at MW-06, MW-10, and MW-13. These monitoring wells were all located in the vicinity of the former Spa Creek Landfill. The highest lead concentration of 580 µg/L was recorded at MW-13.
- Aluminum concentrations that exceeded the Type I and II Standard of 2,000 µg/L were exhibited in MW-13. The sample exhibited an aluminum concentration of 5,800 µg/L.
- Barium concentrations that exceeded the Type I and II Standard of 2,000 µg/L were exhibited at MW-03. This monitoring well was located on the western side of the Site behind the salt dome. The sample exhibited a barium concentration of 2,500 µg/L.
- Manganese concentrations that exceeded the Type I and II Standard of 43 µg/L were exhibited in all groundwater samples. Concentrations ranged from 80 to 1,800 µg/L.

4.2.2 Dissolved Metals

Dissolved metals, including aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, thallium, and zinc were detected at concentrations greater than laboratory reporting limits, but below the Type I and II Standards.

Manganese exhibited concentrations that exceeded the Type I and II Standard of 43 µg/L in all groundwater examples, with the exception of MW-09. Concentrations that exceeded the standard ranged from 79 to 1,700 µg/L.

4.2.3 Volatile Organic Compounds

The groundwater sample collected at MW-12 (located south of the Weems-Whalen concessions stand) was the only sample that exhibited VOC concentrations that exceed the Type I and II Standards. The groundwater samples collected at MW-12 exhibited a benzene concentration of 82 µg/L and a 1,2-dichloroethane concentration of 6.4 µg/L; both compounds have a Type I and II Standard of 5 µg/L.

4.2.4 Semi-Volatile Organic Compounds

All detected SVOC concentrations were below the Type I and II Standard.

4.2.5 Polychlorinated Biphenyls

All detected PCB concentrations were below the Type I and II Standard.

4.3 SEDIMENT RESULTS

4.3.1 Metals

The sediment samples collected at five of the six locations (SED-01, SED-02, SED-04, SED-05, and SED-06) exhibited arsenic concentrations that exceeded the ATC of 3.6 mg/kg. Arsenic detected in SED-03 exceeded the MDE Residential Standard of 0.68 mg/kg. Concentrations in the samples that exceeded the ATCs ranged from 8.1 to 25 mg/kg:

- Aluminum was detected at concentrations above the ATC of 11,000 mg/kg in SED-01 and SED-06 at concentrations of 23,000 and 14,000 mg/kg, respectively. Concentrations were detected above the RCS of 7,700 mg/kg in SED-02 and SED-04 at concentrations of 8,300 and 9,000 mg/kg, respectively.
- Chromium was detected at concentrations above the ATC of 28 mg/kg in all six sediment samples. The concentrations ranged from 31 to 260 mg/kg.
- Manganese was detected at concentrations above the RCS of 180 mg/kg in SED-01, SED-04, and SED-06 at concentrations from 190 to 350 mg/kg. These concentrations did not exceed the ATC of 480 mg/kg.
- Thallium was detected at concentrations above the RCS of 0.078 mg/kg in SED-01 and SED-06 at 0.19 and 0.084 mg/kg, respectively. These values did not exceed the ATC of 3.9 mg/kg.

Sample locations that exhibited exceedances in sediment are shown on Figure 13.

4.3.2 Semi-Volatile Organic Compounds

Sediment samples collected for SVOC analysis exhibited exceedances for benzo(a)pyrene above the RCS of 0.11 mg/kg. At SED-01, SED-04, SED-05, and SED-06, concentrations ranged from 0.2 to 0.45 mg/kg.

4.3.3 Polychlorinated Biphenyls

All detected PCB concentrations were below the RCS.

4.3.4 Total Organic Carbon

Concentrations of TOC ranged from 17,000 mg/kg in SED-05 to 70,000 mg/kg in SED-01.

4.4 SURFACE WATER RESULTS

Haley & Aldrich notes that even minimal levels of solids in surface water samples can interfere with the accuracy of laboratory results for metals analysis due to the interference from suspended solids. Therefore, groundwater samples were also laboratory filtered using 0.4-micron filters prior to the analysis of dissolved metals concentrations to provide a more accurate assessment of groundwater quality.

4.4.1 Total Metals

- Arsenic was detected at concentrations above the Type I and Type II Standard of 10 µg/L in SW-01, which exhibited a concentration of 42 µg/L.
- Aluminum was detected at concentrations above the Type I and Type II Standard of 2,000 µg/L in SW-01 and SW-02, which exhibited concentrations of 22,000 and 3,400 µg/L, respectively.
- Antimony was detected at concentrations above the Type I and Type II Standard of 6 µg/L in SW-01, which exhibited a concentration of 6.1 µg/L.
- Beryllium was detected at a concentration above the Type I and Type II Standard of 4 µg/L in SW-01, which exhibited a concentration of 4.1 µg/L.
- Cadmium was detected at a concentration above the Type I and Type II Standard of 5 µg/L in SW-01, which exhibited a concentration of 13 µg/L.
- Beryllium was detected at a concentration above the Type I and Type II Standard of 4 µg/L in SW-01, which exhibited a concentration of 4.1 µg/L.
- Chromium was detected at a concentration above the Type I and Type II Standard of 100 µg/L in SW-01, which exhibited a concentration of 310 µg/L.
- Lead was detected at concentrations above the Type I and Type II Standard of 15 µg/L in SW-01 and SW-02, which exhibited concentrations of 440 and 38 µg/L, respectively.
- Manganese was detected at concentrations above the Type I and Type II Standard of 43 µg/L at five of the six sample locations (SW-01, SW-02, SW-04, SW-05, and SW-06). Concentrations that exceeded the standard ranged from 160 to 1,500 µg/L.
- Nickel was detected at a concentration above the Type I and Type II Standard of 39 µg/L in SW-01, which exhibited a concentration of 150 µg/L.
- Zinc was detected at a concentration above the Type I and Type II Standard of 600 µg/L in SW-01, which exhibited a concentration of 1,600 µg/L.

Surface water sampling results are shown on Figure 14.

4.4.2 Dissolved Metals

Dissolved metals, including aluminum, antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, nickel, and zinc were detected at were detected at concentrations greater than laboratory reporting limits but below the Type I and II Standards.

Manganese exhibited concentrations that exceeded the Type I and II Standard of 43 µg/L in SW-01, which exhibited a concentration of 760 µg/L.

Surface water sampling results are shown on Figure 14.

4.4.3 Semi-Volatile Organic Compounds

All detected SVOC concentrations were below the Type I and II Standards.

4.5 QA/QC RESULTS

The QA/QC results did not indicate any prevalent instances of cross-contamination or analytical abnormalities within the laboratory procedures. These results provide assurance that the integrity of the analytical process remained intact, with no significant signs of interference from laboratory contaminants or other external factors. Refer to the appropriate laboratory narratives for additional details regarding the select instances that required data qualifiers.

5. Conclusions

In October and November 2024, Haley & Aldrich conducted a Phase II ESA at the Site located at 932 and 925 Spa Road in Annapolis, Maryland. The primary objective of the Phase II ESA was to evaluate the potential of the RECs identified in the Phase I ESA to have impacted environmental media, including soil, groundwater, sediment, and surface water. Haley & Aldrich notes that there is the potential for the Weems-Whalen Field portion of the Site to be subdivided in the future due to the intent to re-establish it for recreational use. As such, portions of this section discuss the Weems-Whalen Field and the remaining Spa Road property separately.

The February 2024 Phase I ESA identified the following RECs for the Site: former landfill and incinerator facility with on-Site disposal and historical and current Site operations. The Site was formerly the location of the Spa Creek Landfill, which included historical dumping on the Site prior to 1934. An incinerator facility was constructed on the eastern portion of the Site at 935 Spa Road in 1934 and operated until approximately 1949. Current and former use of the Site by the DPW includes automotive maintenance with below-grade hydraulic lifts, former USTs, a fueling station with two active USTs, storage yards, and subsurface stormwater structures, including two oil-water separators.

The results of the recent sampling indicate that historical use of the Site as a landfill, operations of the incinerator, placement of incinerator ash, and DPW maintenance operations have impacted soil, groundwater, surface water, and sediment quality.

5.1 WEEMS-WHALEN FIELD

Soil sampling results in Weems-Whalen Field indicate exceedances of the RCS and/or Eastern Maryland ATCs for metals, specifically for arsenic, aluminum, total chromium, and lead. The maximum concentration for arsenic was 290 mg/kg, for aluminum was 17,000 mg/kg, for total chromium was 320 mg/kg, and for lead was 1,600 mg/kg. Speciation analysis of the sample exhibiting the highest chromium concentration for hexavalent chromium identified a slight exceedance of the MDE Residential Soil Standard at 0.44 mg/kg.

Impacts associated with the maintenance of grounds-keeping machinery (i.e., lawn mowers) were exhibited in MW-12. The compounds 1,2-dichloroethane and benzene were detected at concentrations (6.4 and 82 µg/L, respectively) greater than their Type I and II Standards. Manganese was also detected at a total concentration of 860 µg/L and a dissolved metals concentration of 800 µg/L. Both concentrations are greater than the MDE Type I and II Standard.

5.2 SPA ROAD

Soil sampling results in the vicinity of the historical landfill and incinerator indicate exceedances of the RCS and Eastern Maryland ATCs for metals, specifically for arsenic, aluminum, and lead. The maximum concentration for arsenic was 76 mg/kg, for aluminum was 20,000 mg/kg, and for lead was 2,000 mg/kg. Exceedances of the MDE Residential Soil Standard were also identified for benzo(a)pyrene at a maximum concentration of 0.63 mg/kg and dibenz(a,h)anthracene at a maximum concentration of 0.12 mg/kg. Two of the highest total chromium samples were speciated for analysis of hexavalent chromium, and MDE Residential Soil Standard exceedances were not identified.

Groundwater sampling identified exceedances of total metals above the Type I and II Standards, primarily for arsenic, manganese, and lead. The maximum concentration for arsenic was 24 µg/L, for manganese was 1,800 µg/L, and for lead was 580 µg/L. The groundwater samples were also analyzed for dissolved metals. No exceedances of the Type I and II Standards were identified, with the exception of manganese. Manganese concentrations were very similar in both the total and dissolved analytical results.

Furthermore, the results of the sampling indicate the historical use of the Site by the City of Annapolis DPW has impacted soil and groundwater. Soil sampling on the western side identified exceedances of the MDE Residential Standards and/or Eastern Maryland ATCs for metals, primarily aluminum, arsenic, lead, and manganese. The maximum concentration for aluminum was 12,000 mg/kg, for arsenic was 18 mg/kg, for lead was 980 mg/kg, and for manganese was 400 mg/kg.

Fill material was identified in several soil borings on both the east and west sides of the Site. Soils borings located at 932 Spa Road identified fill material extending from the central portion of the parcel to the southern boundary. Soil borings located at 935 Spa Road identified fill material generally along the southern boundary, with the most significant volume being identified in the southwestern corner of the parcel.

The depth and quantity of fill material observed was generally greater in areas on the eastern side associated with the former landfill, particularly in SB-108 and SB-109. Fill material was observed in the remainder of the soil borings located along the southern perimeter of 935 Spa Road, as identified in SB-112, SB-116, SB-117, and SB-119. Fill material was also identified in the western area of the Site at depths up to 20 feet bgs. This fill material is not considered to be associated with the landfill on the eastern (935 Spa Road) side of the Site. Based on aerial photographs identified in the Phase I ESA, the western area (932 Spa Road) of the Site was developed circa 1981, when landfill/incinerator operations had already ceased on Site.

Soil sampling on the western side of the Site also identified exceedances of the RCS for several SVOCs. Exceedances of benzo(a)pyrene were identified in fill material on the western side the Site, with a maximum concentration of 4.4 mg/kg. Dibenz(a,h)anthracene was identified in soil with a maximum concentration of 0.69 mg/kg, and one localized exceedance each of benzo(a)anthracene (4.7 mg/kg), benzo(b)fluoranthene (4.8 mg/kg), and indeno(1,2,3-cd)pyrene (2.2 mg/kg) were identified. These exceedances of SVOCs can likely be attributed to surface runoff from equipment and vehicle maintenance and material storage areas. Groundwater sampling on the western side of the Site identified exceedances of the Type I and II Standard for manganese, with a maximum concentration of 660 µg/L.

Acidic conditions were observed in groundwater across the Site as evidenced by a pH between 5.12 and 5.99 standard units (S.U.) in MW-4, MW-7, MW-8, MW-9, and MW-11. Higher levels of manganese tend to be correlated to acidic environments (i.e., a pH <7.5 S.U.), as evidenced by the exceedances of manganese identified in the Site groundwater samples.

The results of the soil sampling also indicated impacts in the area of the current and former USTs and below-grade lift areas. Exceedances of the RCS were identified for TPH-DRO, TPH-GRO, ethylbenzene, and naphthalene at maximum concentrations of 13,000 mg/kg for TPH-DRO, 420 mg/kg for TPH-GRO, 7.8 mg/kg for ethylbenzene, and 23 mg/kg for naphthalene.

Sediment sampling identified exceedances of arsenic and aluminum at concentrations above the Eastern Maryland ATCs at maximum concentrations of 25 mg/kg and 23,000 mg/kg, respectively. Benzo(a)pyrene was also identified in sediment samples at a maximum concentration of 0.45 mg/kg.

Surface water sampling identified exceedances of total metals above the Type I and II Standards in SW-01. SW-01 is hydrologically downgradient of observed nuisance dumping north of 932 Spa Road but is upgradient from the identified RECs at the Site. Exceedances of aluminum, lead, and manganese for total metals analysis were also detected in SW-02. The surface water samples were also analyzed for dissolved metals. No exceedances of the Type I and II Standards were identified, with the exception of manganese in SW-01.

In conclusion, the results of the soil, groundwater, sediment, and surface water sampling indicate impacts related to the historical on-Site landfill and incinerator and City of Annapolis DPW operations. A Response Action Plan (RAP) should be developed to address the identified concerns and protect human health and the environment throughout future development stages. In addition, a Screening-Level Ecological Risk Assessment (SLERA) should be prepared to evaluate potential ecological receptors in Spa Creek that may be exposed to Site-related constituents.

References

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TABLES

TABLE 1
SUMMARY OF SOIL SAMPLING INTERVALS
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Boring IDs	Discrete Sample Intervals	Sample Material	Depth of Boring (ft bgs)	Northing	Easting
SB-100	(0.0 - 1.0)	Fill	30.0	38.9723019	76.51113753
	(4.0 - 5.0)	Fill			
	(18.0 - 20.0)	Fill			
SB-101	(4.0 - 5.0)	Native	5.0	38.97215972	76.51106569
SB-102	(0.0 - 1.0)	Fill	25.0	38.97238984	76.51074006
	(4.0 - 5.0)	Fill			
SB-103	(0.0 - 1.0)	Fill	20.0	38.97213420	76.51051723
	(4.0 - 5.0)	Fill			
	FD-01 (4.0 - 5.0)	Fill			
SB-104	(0.0 - 1.0)	Native	30.0	38.97277309	76.51046993
	(4.0 - 5.0)	Native			
SB-105	(4.0 - 5.0)	Fill	25.0	38.97251428	76.51040612
SB-106	(0.0 - 1.0)	Fill	25.0	38.97230149	76.51027619
	(4.0 - 5.0)	Fill			
SB-107	(0.0 - 1.0)	Native	25.0	38.97274612	76.50996794
	(4.0 - 5.0)	Native			
SB-108	(0.0 - 1.0)	Fill	25.0	38.97164302	76.50996579
	(4.0 - 5.0)	Fill			
	(16.0 - 18.0)	Fill			
SB-109	(0.0 - 1.0)	Fill	20.0	38.97179024	76.50976025
	(4.0 - 5.0)	Fill			

Notes and Abbreviations:
ft bgs: feet below ground surface

TABLE 1
SUMMARY OF SOIL SAMPLING INTERVALS
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Boring IDs	Discrete Sample Intervals	Sample Material	Depth of Boring (ft bgs)	Northing	Easting
SB-110	(0.0 - 1.0)	Native	25.0	38.97203198	76.50967396
	(4.0 - 5.0)	Native			
SB-111	(0.0 - 1.0)	Fill	25.0	38.97174089	76.50952667
	FD-03 (0.0 - 1.0)	Fill			
	(4.0 - 5.0)	Fill			
SB-112	(0.0 - 1.0)	Fill	20.0	38.97144172	76.50945480
	(4.0 - 5.0)	Fill			
SB-113	(0.0 - 1.0)	Native	20.0	38.97276677	76.50936608
	(4.0 - 5.0)	Native			
SB-114	(10.0 - 12.0)	Native	25.0	38.97289136	76.50945788
	FD-02 (10.0 - 12.0)	Native			
SB-115	(4.0 - 5.0)	Native	35.0	38.97284361	76.50918064
	(21.0 - 23.0)	Native			
	(29.0 - 30.0)	Native			
SB-116	(0.0 - 1.0)	Fill	20.0	38.97126413	76.50912874
	(4.0 - 5.0)	Fill			
SB-117	(0.0 - 1.0)	Fill	25.0	38.97093050	76.50820840
	FD-04 (0.0 - 1.0)	Fill			
	(4.0 - 5.0)	Fill			
SB-118	(0.0 - 1.0)	Fill	20.0	38.97113503	76.50807187
	(4.0 - 5.0)	Fill			
SB-119	(0.0 - 1.0)	Fill	20.0	38.97095681	76.50751808
	(4.0 - 5.0)	Fill			

Notes and Abbreviations:
ft bgs: feet below ground surface

TABLE 1
SUMMARY OF SOIL SAMPLING INTERVALS
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Boring IDs	Discrete Sample Intervals	Sample Material	Depth of Boring (ft bgs)	Northing	Easting
C-2N	(0.0 - 1.0)	Fill	20.0	38.97230141	76.50912970
	(1.0 - 2.0)	Native			
	(2.0 - 3.0)	Native			
C-2S	(0.0 - 1.0)	Native	20.0	38.97226276	76.50910385
	(1.0 - 2.0)	Native			
	(2.0 - 3.0)	Native			
C-2E	(0.0 - 1.0)	Fill	35.0	38.97231719	76.50907293
	(1.0 - 2.0)	Native			
	(2.0 - 3.0)	Native			
C-2W	(0.0 - 1.0)	Native	20.0	38.97223967	76.50918015
	(1.0 - 2.0)	Native			
	(2.0 - 3.0)	Native			
N-3N	(0.0 - 1.0)	Fill	25.0	38.97220695	76.50858005
	(1.0 - 2.0)	Fill			
	(2.0 - 3.0)	Fill			
N-3S	(0.0 - 1.0)	Fill	20.0	38.97216042	76.50854756
	(1.0 - 2.0)	Fill			
	(2.0 - 3.0)	Fill			
N-3E	(0.0 - 1.0)	Fill	20.0	38.97219182	76.50852352
	(1.0 - 2.0)	Fill			
	(2.0 - 3.0)	Fill			
N-3W	(0.0 - 1.0)	Fill	20.0	38.97217413	76.50859378
	(1.0 - 2.0)	Fill			
	(2.0 - 3.0)	Fill			

Notes and Abbreviations:
ft bgs: feet below ground surface

TABLE 2
WELL CONSTRUCTION DETAILS
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Well ID	Boring ID	Date Completed	Installed By	Type of Protective Casing	Well Depth (ft bgs)	Bentonite (ft bgs)	Sand Pack (ft bgs)	Screen Length (ft)	Screen Interval (ft bgs)	Well Diameter (in)	TOC Elevation (ft) [1]	Ground Elevation (ft)	Northing	Easting
MW-3	SB-103	10/29/2024	Haley & Aldrich	8" Flushmount Roadbox	23.8	9.5 - 11.5	11.5 - 23.5	10	13.5 - 23.5	2.0	21.13	21.34	38.97213420	76.51051723
MW-4	SB-104	10/29/2024	Haley & Aldrich	8" Flushmount Roadbox	32.0	17.7 - 19.7	19.7 - 31.7	10	21.7 - 31.7	2.0	32.93	33.19	38.97277309	76.51046993
MW-5	SB-100	10/30/2024	Haley & Aldrich	5" Stand Pipe	21.3	7.0 - 9.0	9.0 - 21.0	10	11.0 - 21.0	2.0	20.62	17.56	38.97230190	76.51113753
MW-6	SB-108	10/23/2024	Haley & Aldrich	8" Flushmount Roadbox	25.4	11.1 - 13.1	13.1 - 25.1	10	15.1 - 25.1	2.0	18.74	19.08	38.97164302	76.50996579
MW-7	SB-110	10/23/2024	Haley & Aldrich	8" Flushmount Roadbox	25.2	10.9 - 12.9	12.9 - 24.9	10	14.9 - 24.9	2.0	24.72	24.82	38.97203198	76.50967396
MW-8	SB-111	10/23/2024	Haley & Aldrich	8" Flushmount Roadbox	30.4	16.1 - 18.1	18.1 - 30.1	10	20.1 - 30.1	2.0	21.82	22.28	38.97174089	76.50952667
MW-9	SB-114	10/24/2024	Haley & Aldrich	5" Stand Pipe	30.4	16.1 - 18.1	18.1 - 30.1	10	20.1 - 30.1	2.0	39.49	36.34	38.97289136	76.50945788
MW-10	SB-112	10/21/2024	Haley & Aldrich	5" Stand Pipe	20.0	5.7 - 7.7	7.7 - 19.7	10	9.7 - 19.7	2.0	21.53	17.93	38.97144172	76.50945480
MW-11	SB-115	10/24/2024	Haley & Aldrich	8" Flushmount Roadbox	39.2	24.9 - 26.9	26.9 - 38.9	10	28.9 - 38.9	2.0	38.98	39.29	38.97284361	76.50918064
MW-12	NA	10/25/2024	Haley & Aldrich	8" Flushmount Roadbox	40.0	25.7 - 27.7	27.7 - 39.7	10	29.7 - 39.7	2.0	25.92	26.32	38.97233636	76.50899602
MW-13	SB-116	10/21/2024	Haley & Aldrich	5" Stand Pipe	27.4	13.1 - 15.1	15.1 - 27.1	10	17.1 - 27.1	2.0	21.02	18.00	38.97276677	76.50936608
MW-14	SB-117	10/22/2024	Haley & Aldrich	5" Stand Pipe	30.3	16.0 - 18.0	18.0 - 30.0	10	20.0 - 30.0	2.0	20.33	17.19	38.97093050	76.50820840
MW-15	SB-119	10/22/2024	Haley & Aldrich	8" Flushmount Roadbox	23.7	9.4 - 11.4	11.4 - 23.4	10	13.4 - 23.4	2.0	15.12	15.60	38.97095681	76.50751808

Notes and Abbreviations:

in = inches
ft = feet
bgs = below ground surface
NA = not applicable
Horizontal Datum: Horizontal Control provided by client, Maryland State Coordinate System (NAD 83)
Vertical Datum: Vertical Control provided by client (NAVD 88)
TOC = top of PVC casing
[1] - TOC elevations provided by Bowman Consulting (2024)

TABLE 3
SUMMARY OF GROUNDWATER ELEVATION DATA - 5 NOVEMBER 2024
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Well ID	Boring ID	Time	TOC Elevation (ft AMSL)	Depth To Water BTOC (ft bgs)	Elevation (ft AMSL)
MW-3	SB-103	7:50	21.13	17.25	3.88
MW-4	SB-104	7:45	32.93	20.05	12.88
MW-5	SB-100	7:55	20.62	17.65	2.97
MW-6	SB-108	8:30	18.74	15.53	3.21
MW-7	SB-110	8:25	24.72	16.49	8.23
MW-8	SB-111	8:35	21.82	14.26	7.56
MW-9	SB-114	8:20	39.49	21.36	18.13
MW-10	SB-112	8:40	21.53	18.36	3.17
MW-11	SB-115	8:15	38.98	20.70	18.28
MW-12	NA	8:00	25.92	18.38	7.54
MW-13	SB-116	8:45	21.02	17.90	3.12
MW-14	SB-117	8:50	20.33	17.96	2.37
MW-15	SB-119	8:55	15.12	13.22	1.90

Notes and Abbreviations:

AMSL= above mean sea level
ft = feet
bgs = below ground surface
NA = not applicable
TOC = top of PVC casing
TOC elevations provided by Bowman Consulting (2024)

TABLE 4A
SUMMARY OF SPA ROAD SOIL ANALYTICAL RESULTS (VOCs, SVOCs, and TPH)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	MDE Residential Soil Standards	SB-07 SB-7_4.0 07/11/2019 SB-7_4.0 4 (ft)	SB-08 SB-8_3.0 07/11/2019 SB-8_3.0 3 (ft)	SB-100 SB-100_0-1 10/14/2024 410-192708-14 0 - 1 (ft)	SB-100 SB-100_4-5 10/14/2024 410-192708-15 4 - 5 (ft)	SB-100 SB-100_18-20 10/14/2024 410-192708-16 18 - 20 (ft)	SB-101 SB-101_4-5 10/15/2024 410-192708-17 4 - 5 (ft)	SB-102 SB-102_0-1 10/14/2024 410-192708-12 0 - 1 (ft)	SB-102 SB-102_4-5 10/14/2024 410-192708-13 4 - 5 (ft)	SB-103 SB-103_0-1 10/14/2024 410-192708-8 0 - 1 (ft)	SB-103 SB-103_4-5 10/14/2024 410-192708-9 4 - 5 (ft)	SB-104 SB-104_0-1 10/14/2024 410-192708-4 0 - 1 (ft)	SB-104 SB-104_4-5 10/14/2024 410-192708-5 4 - 5 (ft)	SB-105 SB-105_4-5 10/14/2024 410-192708-1 4 - 5 (ft)	SB-106 SB-106_0-1 10/14/2024 410-192708-6 0 - 1 (ft)	SB-106 SB-106_4-5 10/14/2024 410-192708-7 4 - 5 (ft)	SB-107 SB-107_0-1 10/14/2024 410-192708-2 0 - 1 (ft)	SB-107 SB-107_4-5 10/14/2024 410-192708-3 4 - 5 (ft)
Volatile Organic Compounds (mg/kg)																		
2-Butanone (Methyl Ethyl Ketone)	2700	-	-	-	< 0.011	< 0.0096	**0.0057 J**	-	-	-	< 0.011	-	**0.015**	**0.0044 J**	-	**0.0027 J**	-	-
Acetone	6100	-	-	-	**0.019 J**	**0.013 J**	**0.029**	-	-	-	**0.02 J**	-	**0.11**	**0.031**	-	**0.023**	-	-
Benzene	1.2	< 0.0058	< 0.0054	-	< 0.0056	< 0.0048	< 0.0049	-	-	-	< 0.0057	-	**0.0014 J**	< 0.0057	-	< 0.0051	-	-
Carbon disulfide	77	-	-	-	< 0.0056	**0.0012 J**	**0.0011 J**	-	-	-	< 0.0057	-	< 0.0053	**0.0015 J**	-	< 0.0051	-	-
Chloromethane (Methyl Chloride)	11	-	-	-	< 0.0056	< 0.0048	< 0.0049	-	-	-	< 0.0057	-	< 0.0053	< 0.0057	-	< 0.0051	-	-
Cyclohexane	NA	-	-	-	< 0.0056	< 0.0048	< 0.0049	-	-	-	< 0.0057	-	< 0.0053	< 0.0057	-	< 0.0051	-	-
Ethylbenzene	5.8	< 0.0058	< 0.0054	-	< 0.0056	< 0.0048	< 0.0049	-	-	-	< 0.0057	-	< 0.0053	< 0.0057	-	< 0.0051	-	-
Isopropylbenzene (Cumene)	190	-	-	-	< 0.0056	< 0.0048	< 0.0049	-	-	-	< 0.0057	-	< 0.0053	< 0.0057	-	< 0.0051	-	-
Methyl acetate	NA	-	-	-	< 0.0056	**0.0025 J**	**0.0014 J**	-	-	-	**0.0014 J**	-	**0.0031 J**	**0.0029 J**	-	**0.0016 J**	-	-
Methyl Tert Butyl Ether (MTBE)	47	< 0.0058	< 0.0054	-	< 0.0056	< 0.0048	< 0.0049	-	-	-	< 0.0057	-	< 0.0053	< 0.0057	-	< 0.0051	-	-
Methylcyclohexane	NA	-	-	-	< 0.0056	< 0.0048	< 0.0049	-	-	-	< 0.0057	-	< 0.0053	< 0.0057	-	< 0.0051	-	-
Tetrachloroethene	8.1	-	-	-	< 0.0056	< 0.0048	< 0.0049	-	-	-	< 0.0057	-	< 0.0053	< 0.0057	-	< 0.0051	-	-
Toluene	490	< 0.0058	< 0.0054	-	< 0.0056	< 0.0048	< 0.0049	-	-	-	< 0.0057	-	< 0.0053	< 0.0057	-	< 0.0051	-	-
Trichloroethene	0.41	-	-	-	< 0.0056	< 0.0048	< 0.0049	-	-	-	< 0.0057	-	< 0.0053	< 0.0057	-	< 0.0051	-	-
Xylene (Total)	58	< 0.0116	< 0.0108	-	< 0.011	< 0.0096	< 0.0099	-	-	-	< 0.011	-	< 0.011	< 0.011	-	< 0.01	-	-
Semi-Volatile Organic Compounds (mg/kg)																		
2-Methylnaphthalene	24	-	-	< 0.099 cn	< 0.098 cn	**0.051**	**0.013 J**	-	-	**0.28 cn**	**0.12 cn**	**0.06 Jcn**	**0.022**	**0.074**	< 0.096 cn	**0.027**	-	-
Acenaphthene	360	-	-	**0.026 Jcn**	**0.035 Jcn**	**0.026**	< 0.02	**0.0058 J**	< 0.02	**0.5 cn**	**0.049 Jcn**	**0.06 Jcn**	**0.011 J**	**0.083**	< 0.096 cn	**0.038**	< 0.02	< 0.019
Acenaphthylene	NA	-	-	< 0.099 cn	< 0.098 cn	**0.063**	**0.041**	**0.024**	< 0.02	**0.18 cn**	**0.11 cn**	**0.046 Jcn**	**0.01 J**	**0.025**	**0.33 cn**	**0.057**	< 0.02	< 0.019
Anthracene	1800	-	-	**0.067 Jcn**	**0.18 cn**	**0.059**	**0.024**	**0.023**	< 0.02	**1.8 cn**	**0.17 cn**	**0.16 cn**	**0.013 J**	**0.1**	**0.18 cn**	**0.11**	< 0.02	< 0.019
Benzaldehyde	NA	-	-	< 0.99 cn	< 0.98 cn	**0.087 J**	< 0.2	-	-	< 0.95 cn	< 0.97 cn	< 0.96 cn	< 0.2	< 0.2	< 0.96 cn	< 0.19	-	-
Benzo(a)anthracene	1.1	-	-	**0.15 cn**	**0.53 F1cn**	**0.2**	**0.076**	**0.055**	**0.0055 J**	**4.7 cn**	**0.71 cn**	**0.42 cn**	**0.051**	**0.22**	**0.11 cn**	**0.32**	< 0.02	< 0.019
Benzo(a)pyrene	0.11	-	-	**0.16 cn**	**0.65 F1cn**	**0.29**	**0.11**	**0.065**	**0.0059 J**	**4.4 cn**	**0.75 cn**	**0.52 cn**	**0.063**	**0.24**	**0.95 cn**	**0.37**	**0.0041 J**	< 0.019
Benzo(b)fluoranthene	1.1	< 0.291	< 2.69	**0.18 cn**	**0.73 F1cn**	**0.39**	**0.12**	**0.069**	**0.0056 J**	**4.8 cn**	**0.91 cn**	**0.53 cn**	**0.087**	**0.29**	**0.78 cn**	**0.43**	**0.0041 J**	< 0.019
Benzo(g,h,i)perylene	NA	-	-	**0.1 cn**	**0.38 F1cn**	**0.19**	**0.086**	**0.052**	**0.0042 J**	**2.4 cn**	**0.4 cn**	**0.38 cn**	**0.058**	**0.16**	**0.82 cn**	**0.28**	**0.0053 J**	< 0.019
Benzo(k)fluoranthene	11	-	-	**0.085 Jcn**	**0.23 cn**	**0.12**	**0.043**	**0.025**	< 0.02	**1.8 cn**	**0.33 cn**	**0.25 cn**	**0.03**	**0.11**	**0.23 cn**	**0.17**	**0.0041 J**	< 0.019
Biphenyl	NA	-	-	< 0.22 cn	< 0.21 cn	< 0.043	< 0.044	-	-	< 0.21 cn	< 0.21 cn	< 0.21 cn	< 0.043	**0.025 J**	< 0.21 cn	< 0.043	-	-
bis(2-Ethylhexyl)phthalate	39	-	-	< 0.99 cn	< 0.98 cn	**3.2**	< 0.2	-	-	< 0.95 cn	< 0.97 cn	< 0.96 cn	< 0.2	< 0.2	< 0.96 cn	< 0.19	-	-
Carbazole	NA	-	-	< 0.22 cn	< 0.21 cn	**0.02 J**	< 0.044	-	-	**0.62 cn**	< 0.21 cn	< 0.21 cn	< 0.043	**0.021 J**	< 0.21 cn	**0.054**	-	-
Chrysene	110	< 0.291	< 2.69	**0.17 cn**	**0.55 F1cn**	**0.27**	**0.11**	**0.071**	**0.0065 J**	**5.3 cn**	**0.76 cn**	**0.5 cn**	**0.061**	**0.23**	**0.28 cn**	**0.38**	< 0.02	< 0.019
Dibenz(a,h)anthracene	0.11	-	-	< 0.099 cn	**0.11 F1cn**	**0.055**	**0.027**	**0.012 J**	< 0.02	**0.69 cn**	**0.13 cn**	**0.1 cn**	**0.015 J**	**0.052**	**0.36 cn**	**0.083**	< 0.02	< 0.019
Dibenzofuran	7.3	-	-	< 0.22 cn	< 0.21 cn	< 0.043	< 0.044	-	-	**0.37 cn**	< 0.21 cn	< 0.21 cn	< 0.043	**0.061**	< 0.21 cn	**0.042 J**	-	-
Di-n-butylphthalate (DBP)	NA	-	-	< 0.99 cn	< 0.98 cn	**0.51**	< 0.2	-	-	< 0.95 cn	< 0.97 cn	< 0.96 cn	< 0.2	< 0.2	< 0.96 cn	< 0.19	-	-
Fluoranthene	240	< 0.291	< 2.69	**0.33 cn**	**1 F1cn**	**0.3**	**0.14**	**0.11**	**0.014 J**	**11 cn**	**1.2 cn**	**0.81 cn**	**0.099**	**0.55**	**0.11 cn**	**0.66**	< 0.02	< 0.019
Fluorene	240	-	-	**0.037 Jcn**	**0.045 Jcn**	**0.03**	**0.011 J**	**0.011 J**	**0.0042 J**	**0.67 cn**	**0.047 Jcn**	**0.053 Jcn**	**0.059**	**0.08**	**0.048 Jcn**	**0.045**	< 0.02	< 0.019
Indeno(1,2,3-cd)pyrene	1.1	< 0.291	< 2.69	**0.092 Jcn**	**0.35 F1cn**	**0.15**	**0.07**	**0.037**	< 0.02	**2.2 cn**	**0.36 cn**	**0.31 cn**	**0.048**	**0.15**	**0.74 cn**	**0.23**	**0.0056 J**	< 0.019
Naphthalene	3.8	-	-	< 0.099 cn	**0.04 Jcn**	**0.049**	**0.016 J**	**0.022**	**0.042**	**0.32 cn**	**0.074 Jcn**	**0.068 Jcn**	**0.019 J**	**0.11**	< 0.096 cn	**0.044**	< 0.02	< 0.019
Phenanthrene	180	< 0.291	< 2.69	**0.25 cn**	**0.55 F1cn**	**0.15**	**0.085**	**0.085**	**0.024**	**9 cn**	**0.52 cn**	**0.73 cn**	**0.14**	**0.35**	**0.056 Jcn**	**0.41**	< 0.02	< 0.019
Pyrene	180	< 0.291	< 2.69	**0.27 cn**	**0.96 F1cn**	**0.33**	**0.17**	**0.14**	**0.017 J**	**11 cn**	**1.1 cn**	**0.99 cn**	**0.088**	**0.5**	**0.59 cn**	**0.59**	< 0.02	< 0.019
Total Petroleum Hydrocarbons (mg/kg)																		
Gasoline Range Organics	230	< 0.12	< 0.11	-	-	-	-	-	-	-	-	-	-	< 1.4	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	230	**1080**	< 9.3	-	-	-	-	-	-	-	-	-	-	**34**	-	-	-	-

Notes and Abbreviations:

mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
MDE: State of Maryland Department of the Environment
NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
Results highlighted in green indicate an exceedance of the MDE Residential Standard.
- Analytes detected in Volatile and Semi-Volatile Organics for at least one sample are reported herein.
- For a complete list of analytes see the laboratory data sheets.
- For test methods used, see the laboratory data sheets.

J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
**+: LCS and/or LCSD is outside acceptance limits, high biased*
**3: ISTD response or retention tme outside acceptable limits*
F1: MS and/or MSD is outside acceptance limits
F2: MS/MSD RPD exceeds control limits

TABLE 4A
SUMMARY OF SPA ROAD SOIL ANALYTICAL RESULTS (VOCs, SVOCs, and TPH)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	MDE Residential Soil Standards	SB-108 SB-108_0-1 10/17/2024 410-192708-56 0 - 1 (ft)	SB-108 SB-108_4-5 10/17/2024 410-192708-57 4 - 5 (ft)	SB-108 SB-108_16-18 10/17/2024 410-192708-58 16 - 18 (ft)	SB-109 SB-109_0-1 10/17/2024 410-192708-54 0 - 1 (ft)	SB-109 SB-109_4-5 10/17/2024 410-192708-55 4 - 5 (ft)	SB-110 SB-110_0-1 10/17/2024 410-192708-51 0 - 1 (ft)	SB-110 SB-110_4-5 10/17/2024 410-192708-52 4 - 5 (ft)	SB-111 SB-111_0-1 10/17/2024 410-192708-59 0 - 1 (ft)	SB-111 SB-111_4-5 10/17/2024 410-192708-60 4 - 5 (ft)	SB-112 SB-112_0-1 10/17/2024 410-192708-63 0 - 1 (ft)	SB-112 SB-112_4-5 10/17/2024 410-192708-64 4 - 5 (ft)	SB-113 SB-113_0-1 10/15/2024 410-192708-18 0 - 1 (ft)	SB-113 SB-113_4-5 10/15/2024 410-192708-19 4 - 5 (ft)	SB-114 SB-114_10-12 10/15/2024 410-192708-20 10 - 12 (ft)	SB-115 SB-115_4-5 10/16/2024 410-192708-24 4 - 5 (ft)	SB-115 SB-115_21-23 10/16/2024 410-192708-25 21 - 23 (ft)
Volatile Organic Compounds (mg/kg)																	
2-Butanone (Methyl Ethyl Ketone)	2700	-	< 0.0096 cn	-	-	**0.017 cn**	-	< 0.0098	-	< 0.012 *3F1cn	-	**0.003 Jcn**	-	< 0.66 cn	< 0.011	**0.011**	< 1.3 cn
Acetone	6100	-	**0.0068 Jcn**	-	-	**0.094 cn**	-	**0.015 J**	-	**0.05 *3F1cn**	-	**0.022 cn**	-	< 1.3 cn	< 0.022	**0.08**	< 2.6 cn
Benzene	1.2	-	< 0.0048	-	-	**0.018 cn**	-	< 0.0049	-	**0.016 F1cn**	-	< 0.0053	-	< 0.33 cn	< 0.0054	< 0.0053	< 0.66 cn
Carbon disulfide	77	-	< 0.0048	-	-	< 0.0083 cn	-	< 0.0049	-	**0.0025 JF1cn**	-	< 0.0053	-	< 0.33 F1cn	< 0.0054	< 0.0053	< 0.66 cn
Chloromethane (Methyl Chloride)	11	-	< 0.0048	-	-	**0.018 cn**	-	< 0.0049	-	**0.0019 JF1cn**	-	< 0.0053	-	< 0.33 cn	< 0.0054	< 0.0053	< 0.66 cn
Cyclohexane	NA	-	< 0.0048	-	-	< 0.0083 cn	-	< 0.0049	-	< 0.0058 F1cn	-	< 0.0053	-	< 0.33 cn	< 0.0054	< 0.0053	**1 cn**
Ethylbenzene	5.8	-	< 0.0048	-	-	**0.0029 J*3cn**	-	< 0.0049	-	**0.0015 J*3F1cn**	-	< 0.0053	-	< 0.33 cn	< 0.0054	< 0.0053	**7.8 cn**
Isopropylbenzene (Cumene)	190	-	< 0.0048	-	-	< 0.0083 *3cn	-	< 0.0049	-	< 0.0058 *3F1cn	-	< 0.0053	-	< 0.33 cn	< 0.0054	< 0.0053	**4.3 cn**
Methyl acetate	NA	-	< 0.0048	-	-	< 0.0083 cn	-	< 0.0049	-	< 0.0058 *3F1cn	-	< 0.0053	-	**0.099 Jcn**	< 0.0054	< 0.0053	< 0.66 cn
Methyl Tert Butyl Ether (MTBE)	47	-	< 0.0048	-	-	< 0.0083 cn	-	< 0.0049	-	< 0.0058 F1cn	-	< 0.0053	-	< 0.33 cn	< 0.0054	< 0.0053	< 0.66 cn
Methylcyclohexane	NA	-	< 0.0048	-	-	< 0.0083 cn	-	< 0.0049	-	< 0.0058 F1cn	-	< 0.0053	-	< 0.33 cn	< 0.0054	< 0.0053	**5.8 cn**
Tetrachloroethene	8.1	-	< 0.0048	-	-	**0.2 *3cn**	-	< 0.0049	-	**0.031 *3F1cn**	-	< 0.0053	-	< 0.33 cn	< 0.0054	< 0.0053	< 0.66 cn
Toluene	490	-	< 0.0048	-	-	**0.014 *3cn**	-	< 0.0049	-	**0.0093 *3F1cn**	-	< 0.0053	-	< 0.33 cn	< 0.0054	< 0.0053	< 0.66 cn
Trichloroethene	0.41	-	< 0.0048	-	-	**0.035 cn**	-	< 0.0049	-	< 0.0058 F1cn	-	< 0.0053	-	< 0.33 cn	< 0.0054	< 0.0053	< 0.66 cn
Xylene (Total)	58	-	< 0.0096	-	-	< 0.017 *3cn	-	< 0.0098	-	< 0.012 *3F1cn	-	< 0.011	-	< 0.33 cn	< 0.011	< 0.011	**34 cn**
Semi-Volatile Organic Compounds (mg/kg)																	
2-Methylnaphthalene	24	< 1.7 cn	< 0.34	< 2.3 cn	< 0.34	< 0.4	< 0.37	< 0.4	< 0.36	< 0.38	< 0.36	< 0.35	-	-	-	-	-
Acenaphthene	360	< 1.7 cn	< 0.34	< 2.3 cn	< 0.34	< 0.4	< 0.37	< 0.4	< 0.36	**0.018 J**	< 0.36	< 0.35	< 0.02	< 0.02	< 0.019	< 0.018	**3.6 cn**
Acenaphthylene	NA	< 1.7 cn	< 0.34	< 2.3 cn	< 0.34	< 0.4	< 0.37	< 0.4	< 0.36	**0.058 J**	**0.015 J**	< 0.35	**0.022**	< 0.02	< 0.019	< 0.018	< 0.2 cn
Anthracene	1800	< 1.7 cn	< 0.34	< 2.3 cn	< 0.34	< 0.4	< 0.37	< 0.4	< 0.36	**0.13 J**	< 0.36	< 0.35	**0.012 J**	< 0.02	< 0.019	< 0.018	**2.8 cn**
Benzaldehyde	NA	< 1.7 cn	< 0.34	< 2.3 cn	< 0.34	< 0.4	< 0.37	< 0.4	< 0.36	< 0.38	< 0.36	< 0.35	-	-	-	-	-
Benzo(a)anthracene	1.1	< 0.17 cn	< 0.034	< 0.23 cn	< 0.034	< 0.04	< 0.037	< 0.04	< 0.036	**0.68**	**0.068**	< 0.035	**0.04**	< 0.02 F1	< 0.019	< 0.018	**0.14 Jcn**
Benzo(a)pyrene	0.11	**0.077 Jcn**	< 0.034	**0.13 Jcn**	**0.034**	< 0.04	< 0.037	< 0.04	**0.011 J**	**0.63**	**0.086**	< 0.035	**0.051**	< 0.02	< 0.019	< 0.018	**0.059 Jcn**
Benzo(b)fluoranthene	1.1	< 0.17 cn	< 0.034	**0.11 Jcn**	**0.038**	< 0.04	< 0.037	< 0.04	**0.013 J**	**0.87**	**0.12**	< 0.035	**0.053**	< 0.02	< 0.019	< 0.018	**0.072 Jcn**
Benzo(g,h,i)perylene	NA	**0.21 J*+cn**	< 0.34 *+	**0.21 J*+cn**	**0.022 J*+**	< 0.4 *+	< 0.37 *+	< 0.4 *+	**0.013 J*+**	**0.44 *+**	**0.067 J*+**	< 0.35 *+	**0.037**	< 0.02 F1	< 0.019	< 0.018	< 0.2 cn
Benzo(k)fluoranthene	11	< 0.17 cn	< 0.034	< 0.23 cn	**0.012 J**	< 0.04	< 0.037	< 0.04	< 0.036	**0.33**	**0.04**	< 0.035	**0.017 J**	< 0.02	< 0.019	< 0.018	< 0.2 cn
Biphenyl	NA	< 1.7 cn	< 0.34	< 2.3 cn	< 0.34	< 0.4	< 0.37	< 0.4	< 0.36	< 0.38	< 0.36	< 0.35	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	39	< 1.7 cn	< 0.34	< 2.3 cn	< 0.34	**0.051 J**	< 0.37	< 0.4	< 0.36	< 0.38	< 0.36	< 0.35	-	-	-	-	-
Carbazole	NA	< 1.7 cn	< 0.34	< 2.3 cn	< 0.34	< 0.4	< 0.37	< 0.4	< 0.36	**0.017 J**	< 0.36	< 0.35	-	-	-	-	-
Chrysene	110	< 1.7 cn	< 0.34	< 2.3 cn	**0.086 J**	< 0.4	< 0.37	< 0.4	< 0.36	**0.6**	**0.09 J**	< 0.35	**0.053**	< 0.02	< 0.019	< 0.018	**0.27 cn**
Dibenz(a,h)anthracene	0.11	< 0.17 cn	< 0.034	< 0.23 cn	< 0.034	< 0.04	< 0.037	< 0.04	< 0.036	**0.12**	< 0.036	< 0.035	**0.01 J**	< 0.02 F1	< 0.019	< 0.018	< 0.2 cn
Dibenzofuran	7.3	< 1.7 cn	< 0.34	< 2.3 cn	< 0.34	< 0.4	< 0.37	< 0.4	< 0.36	**0.016 J**	< 0.36	< 0.35	-	-	-	-	-
Di-n-butylphthalate (DBP)	NA	< 1.7 cn	**0.047 J**	< 2.3 cn	**0.054 J**	**0.045 J**	**0.043 J**	**0.04 J**	**0.019 J**	**0.029 J**	**0.035 J**	**0.029 J**	-	-	-	-	-
Fluoranthene	240	< 1.7 cn	< 0.34	< 2.3 cn	**0.028 J**	< 0.4	< 0.37	< 0.4	< 0.36	**0.99**	**0.13 J**	< 0.35	**0.056**	**0.028**	< 0.019	< 0.018	**0.79 cn**
Fluorene	240	< 1.7 cn	< 0.34	< 2.3 cn	< 0.34	< 0.4	< 0.37	< 0.4	< 0.36	**0.028 J**	< 0.36	< 0.35	< 0.02	**0.017 J**	< 0.019	**0.0055 J**	**9.2 cn**
Indeno(1,2,3-cd)pyrene	1.1	**0.13 Jcn**	< 0.034	< 0.23 cn	**0.014 J**	< 0.04	< 0.037	< 0.04	< 0.036	**0.46**	**0.068**	< 0.035	**0.027**	< 0.02 F1	< 0.019	< 0.018	< 0.2 cn
Naphthalene	3.8	< 1.7 cn	< 0.34	**0.057 Jcn**	< 0.34	**0.01 J**	< 0.37	< 0.4	< 0.36	**0.0086 J**	< 0.36	< 0.35	< 0.02	< 0.02	< 0.019	< 0.018	**23 Bcn**
Phenanthrene	180	< 1.7 cn	< 0.34	< 2.3 cn	**0.046 J**	< 0.4	< 0.37	< 0.4	< 0.36	**0.42**	**0.059 J**	< 0.35	**0.037**	**0.047**	< 0.019	**0.018**	**22 cn**
Pyrene	180	< 1.7 cn	< 0.34	**0.11 Jcn**	**0.054 J**	< 0.4	< 0.37	< 0.4	< 0.36	**1**	**0.12 J**	< 0.35	**0.089**	**0.082**	< 0.019	**0.005 J**	**3 cn**
Total Petroleum Hydrocarbons (mg/kg)																	
Gasoline Range Organics	230	-	-	-	-	-	-	-	-	-	-	-	-	< 91 cn	< 1.2	< 1.1	**420**
Total Petroleum Hydrocarbons (C10-C28) DRO	230	-	-	-	-	-	-	-	-	-	-	-	-	**350 F1F2**	< 14	< 13	**13000 cn**

Notes and Abbreviations:

mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
MDE: State of Maryland Department of the Environment
NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
Results highlighted in green indicate an exceedance of the MDE Residential Standard.
- Analytes detected in Volatile and Semi-Volatile Organics for at least one sample are reported herein.
- For a complete list of analytes see the laboratory data sheets.
- For test methods used, see the laboratory data sheets.

J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
**+: LCS and/or LCSD is outside acceptance limits, high biased*
**3: ISTD response or retention tme outside acceptable limits*
F1: MS and/or MSD is outside acceptance limits
F2: MS/MSD RPD exceeds control limits

TABLE 4A
SUMMARY OF SPA ROAD SOIL ANALYTICAL RESULTS (VOCs, SVOCs, and TPH)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	MDE Residential Soil Standards	SB-115 SB-115_29-30 10/16/2024 410-192708-26 29 - 30 (ft)	SB-116 SB-116_0-1 10/17/2024 410-192708-65 0 - 1 (ft)	SB-116 SB-116_4-5 10/17/2024 410-192708-66 4 - 5 (ft)	SB-117 SB-117_0-1 10/18/2024 410-192708-67 0 - 1 (ft)	SB-117 SB-117_4-5 10/18/2024 410-192708-68 4 - 5 (ft)	SB-118 SB-118_0-1 10/18/2024 410-192708-69 0 - 1 (ft)	SB-118 SB-118_4-5 10/18/2024 410-192708-70 4 - 5 (ft)	SB-119 SB-119_0-1 10/18/2024 410-192708-71 0 - 1 (ft)	SB-119 SB-119_4-5 10/18/2024 410-192708-72 4 - 5 (ft)
Volatile Organic Compounds (mg/kg)										
2-Butanone (Methyl Ethyl Ketone)	2700	< 0.76 cn	-	**0.0026 Jcn**	-	**0.0024 Jcn**	-	< 0.01 cn	-	< 0.012 cn
Acetone	6100	< 1.5 cn	-	**0.018 Jcn**	-	**0.023 cn**	-	**0.02 cn**	-	**0.039 cn**
Benzene	1.2	< 0.38 cn	-	< 0.0057 cn	-	< 0.0053	-	< 0.0051	-	< 0.006
Carbon disulfide	77	< 0.38 cn	-	< 0.0057 cn	-	< 0.0053	-	< 0.0051	-	< 0.006
Chloromethane (Methyl Chloride)	11	< 0.38 cn	-	< 0.0057 cn	-	< 0.0053	-	< 0.0051	-	< 0.006
Cyclohexane	NA	< 0.38 cn	-	< 0.0057 cn	-	< 0.0053	-	< 0.0051	-	< 0.006
Ethylbenzene	5.8	< 0.38 cn	-	< 0.0057 cn	-	< 0.0053	-	< 0.0051	-	< 0.006
Isopropylbenzene (Cumene)	190	< 0.38 cn	-	< 0.0057 cn	-	< 0.0053	-	< 0.0051	-	< 0.006
Methyl acetate	NA	< 0.38 cn	-	< 0.0057 cn	-	< 0.0053	-	< 0.0051	-	< 0.006
Methyl Tert Butyl Ether (MTBE)	47	< 0.38 cn	-	< 0.0057 cn	-	< 0.0053	-	**0.0075**	-	< 0.006
Methylcyclohexane	NA	< 0.38 cn	-	< 0.0057 cn	-	< 0.0053	-	< 0.0051	-	< 0.006
Tetrachloroethene	8.1	< 0.38 cn	-	**0.014 cn**	-	< 0.0053	-	< 0.0051	-	< 0.006
Toluene	490	< 0.38 cn	-	< 0.0057 cn	-	< 0.0053	-	< 0.0051	-	< 0.006
Trichloroethene	0.41	< 0.38 cn	-	< 0.0057 cn	-	< 0.0053	-	< 0.0051	-	< 0.006
Xylene (Total)	58	< 0.38 cn	-	< 0.011 cn	-	< 0.011	-	< 0.01	-	< 0.012
Semi-Volatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	24	-	< 0.034	**0.013 J**	< 0.35	**0.029 J**	< 0.35	< 0.39	< 0.35	< 0.39
Acenaphthene	360	**0.0098 J**	< 0.034	< 0.38	< 0.35	**0.11 J**	< 0.35	< 0.39	< 0.35	< 0.39
Acenaphthylene	NA	< 0.021	**0.014 J**	**0.05 J**	< 0.35	< 0.4	< 0.35	< 0.39	< 0.35	< 0.39
Anthracene	1800	< 0.021	**0.038**	**0.024 J**	< 0.35	**0.16 J**	< 0.35	< 0.39	< 0.35	< 0.39
Benzaldehyde	NA	-	< 0.34	< 0.38	< 0.35	< 0.4	< 0.35	< 0.39	< 0.35	< 0.39
Benzo(a)anthracene	1.1	< 0.021	**0.45**	**0.14**	< 0.035	**0.2**	**0.048**	< 0.039	< 0.035	< 0.039
Benzo(a)pyrene	0.11	< 0.021	**0.49**	**0.18**	< 0.035	**0.18**	**0.067**	**0.013 J**	**0.02 J**	**0.02 J**
Benzo(b)fluoranthene	1.1	< 0.021	**0.58**	**0.2**	< 0.035	**0.17**	**0.07**	**0.014 J**	**0.022 J**	**0.022 J**
Benzo(g,h,i)perylene	NA	< 0.021	**0.26**	**0.064 J*+**	< 0.35 *+	**0.079 J*+**	**0.039 JF1F2*+**	< 0.39 *+	**0.011 J*+**	**0.015 J*+**
Benzo(k)fluoranthene	11	< 0.021	**0.25**	**0.1**	< 0.035	**0.068**	**0.025 J**	< 0.039	< 0.035	**0.0083 J**
Biphenyl	NA	-	< 0.075	< 0.38	< 0.35	**0.014 J**	< 0.35	< 0.39	< 0.35	< 0.39
bis(2-Ethylhexyl)phthalate	39	-	< 0.34	< 0.38	< 0.35	< 0.4	< 0.35	< 0.39	< 0.35	< 0.39
Carbazole	NA	-	< 0.075	< 0.38	< 0.35	< 0.4	< 0.35	< 0.39	< 0.35	< 0.39
Chrysene	110	< 0.021	**0.5**	**0.16 J**	< 0.35	**0.21 J**	**0.063 J**	< 0.39	< 0.35	**0.018 J**
Dibenz(a,h)anthracene	0.11	< 0.021	**0.087**	**0.02 J**	< 0.035	**0.018 J**	< 0.035 F1F2	< 0.039	< 0.035	< 0.039
Dibenzofuran	7.3	-	< 0.075	< 0.38	< 0.35	< 0.4	< 0.35	< 0.39	< 0.35	< 0.39
Di-n-butylphthalate (DBP)	NA	-	< 0.34	**0.027 J**	**0.018 J**	**0.052 J**	**0.03 J**	**0.028 J**	**0.025 J**	**0.036 J**
Fluoranthene	240	< 0.021	**0.35**	**0.19 J**	< 0.35	**0.36 J**	**0.038 J**	**0.021 J**	< 0.35	**0.022 J**
Fluorene	240	**0.03**	< 0.034	< 0.38	< 0.35	**0.094 J**	< 0.35	< 0.39	< 0.35	< 0.39
Indeno(1,2,3-cd)pyrene	1.1	< 0.021	**0.22**	**0.062**	< 0.035	**0.079**	**0.042 F1F2**	< 0.039	< 0.035	< 0.039
Naphthalene	3.8	**0.02 JBcn**	< 0.034	**0.016 J**	< 0.35	**0.012 J**	< 0.35	< 0.39	< 0.35	< 0.39
Phenanthrene	180	**0.066**	**0.032 J**	**0.089 J**	< 0.35	**0.59**	< 0.35	< 0.39	< 0.35	< 0.39
Pyrene	180	**0.009 J**	**0.34**	**0.22 J**	< 0.35	**0.49**	**0.049 J**	**0.022 J**	**0.014 J**	**0.029 J**
Total Petroleum Hydrocarbons (mg/kg)										
Gasoline Range Organics	230	< 1.3	-	-	< 5.1 cn	-	< 4.9 cn	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	230	**190**	-	-	**98**	-	**180 F1F2**	-	-	-

Notes and Abbreviations:

mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
MDE: State of Maryland Department of the Environment
NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
Results highlighted in green indicate an exceedance of the MDE Residential Standard.
- Analytes detected in Volatile and Semi-Volatile Organics for at least one sample are reported herein.
- For a complete list of analytes see the laboratory data sheets.
- For test methods used, see the laboratory data sheets.

J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
**+: LCS and/or LCSD is outside acceptance limits, high biased*
**3: ISTD response or retention tme outside acceptable limits*
F1: MS and/or MSD is outside acceptance limits
F2: MS/MSD RPD exceeds control limits

TABLE 4B
SUMMARY OF SPA ROAD SOIL ANALYTICAL RESULTS (PCBs, METALS, CYANIDE, DIOXINS/FURANS)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	MDE Residential Soil Standards	ATC Standard	SB-07 SB-7_4.0 07/11/2019 SB-7_4.0 4 (ft)	SB-08 SB-8_3.0 07/11/2019 SB-8_3.0 3 (ft)	SB-100 SB-100_0-1 10/14/2024 410-192708-14 0 - 1 (ft)	SB-100 SB-100_4-5 10/14/2024 410-192708-15 4 - 5 (ft)	SB-100 SB-100_18-20 10/14/2024 410-192708-16 18 - 20 (ft)	SB-101 SB-101_4-5 10/15/2024 410-192708-17 4 - 5 (ft)	SB-102 SB-102_0-1 10/14/2024 410-192708-12 0 - 1 (ft)	SB-102 SB-102_4-5 10/14/2024 410-192708-13 4 - 5 (ft)	SB-103 SB-103_0-1 10/14/2024 410-192708-8 0 - 1 (ft)	SB-103 SB-103_4-5 10/14/2024 410-192708-9 4 - 5 (ft)	SB-104 SB-104_0-1 10/14/2024 410-192708-4 0 - 1 (ft)	SB-104 SB-104_4-5 10/14/2024 410-192708-5 4 - 5 (ft)	SB-105 SB-105_4-5 10/14/2024 410-192708-1 4 - 5 (ft)	SB-106 SB-106_0-1 10/14/2024 410-192708-6 0 - 1 (ft)	SB-106 SB-106_4-5 10/14/2024 410-192708-7 4 - 5 (ft)	SB-107 SB-107_0-1 10/14/2024 410-192708-2 0 - 1 (ft)	SB-107 SB-107_4-5 10/14/2024 410-192708-3 4 - 5 (ft)	SB-108 SB-108_0-1 10/17/2024 410-192708-56 0 - 1 (ft)
Polychlorinated Biphenyls (mg/kg)																				
Aroclor-1016 (PCB-1016)	0.41	NA	-	-	-	-	-	-	-	-	-	-	-	-	< 0.02	-	-	< 0.02	< 0.019 cn	-
Aroclor-1221 (PCB-1221)	0.2	NA	-	-	-	-	-	-	-	-	-	-	-	-	< 0.02	-	-	< 0.02	< 0.019 cn	-
Aroclor-1232 (PCB-1232)	0.17	NA	-	-	-	-	-	-	-	-	-	-	-	-	< 0.02	-	-	< 0.02	< 0.019 cn	-
Aroclor-1242 (PCB-1242)	0.23	NA	-	-	-	-	-	-	-	-	-	-	-	-	< 0.02	-	-	< 0.02	< 0.019 cn	-
Aroclor-1248 (PCB-1248)	0.23	NA	-	-	-	-	-	-	-	-	-	-	-	-	< 0.02	-	-	< 0.02	< 0.019 cn	-
Aroclor-1254 (PCB-1254)	0.12	NA	-	-	-	-	-	-	-	-	-	-	-	-	< 0.02	-	-	< 0.02	< 0.019 cn	-
Aroclor-1260 (PCB-1260)	0.24	NA	-	-	-	-	-	-	-	-	-	-	-	-	< 0.02	-	-	< 0.02	< 0.019 cn	-
Inorganic Compounds (mg/kg)																				
Aluminum	7700	11000	-	-	**6700**	**7900 F2**	**8200**	**10000**	**9700**	**10000**	**6700**	**5000**	**12000**	**7000**	**12000**	**11000**	**11000**	**7900**	**12000**	**4100**
Antimony	3.1	NA	< 0.291	**0.295**	**0.48**	**0.4 F1**	**1.1**	**0.38**	**0.79**	**0.77**	**0.38**	**0.65**	**0.45**	**0.42**	**0.72**	**0.73**	**0.81**	**0.14 J**	**0.099 J**	< 0.2
Arsenic	0.68	3.6	**10.6**	**4.17**	**14**	**7.1**	**8.9**	**17**	**15**	**15**	**9.8**	**8.1**	**16**	**6.5**	**18**	**15**	**17**	**2.1**	**8.3**	**2.9**
Barium	1500	NA	-	-	**14**	**46 F1**	**65**	**26**	**9.8**	**12**	**38**	**68**	**43**	**55**	**28**	**56**	**27**	**17**	**37**	**41**
Beryllium	16	NA	**1**	**0.361**	**1.1**	**0.69 F2F1**	**0.89**	**1.4**	**1.9**	**2.2**	**0.93**	**0.64**	**1.7**	**0.71**	**1.9**	**1.6**	**1.6**	**0.34**	**0.5**	**0.17**
Cadmium	7.1	NA	< 0.291	< 0.269	**0.16**	**0.45**	**0.31**	**0.28**	**0.65**	**0.69**	**0.25**	**0.51**	**0.58**	**0.25**	**1.6**	**0.65**	**0.52**	< 0.11	< 0.087	< 0.099
Chromium	NA	28	**86.8**	**34.3**	**130**	**110 F2F1**	**190**	**130**	**180**	**190**	**160**	**70**	**150**	**53**	**230**	**170**	**220**	**47**	**54**	**120**
Chromium VI (Hexavalent)	0.3	NA	-	-	-	-	-	-	-	-	-	-	-	-	**1.6 Hcn**	-	-	-	-	-
Cobalt	NA	NA	-	-	**4.5**	**18 F2F1**	**4.1**	**5.3**	**4.9**	**6.1**	**19**	**2.9**	**4.3**	**2.1**	**7**	**7.1**	**5.6**	**0.73**	**1.6**	**30 ^2**
Copper	310	NA	**3.27**	**7.62**	**4.3**	**27 F1**	**27**	**7**	**1.7**	**1.1**	**20**	**19**	**6.6**	**8.9**	**3.1**	**12**	**4.1**	**2.2**	**3.9**	**3.6**
Lead	400	NA	**6**	**65.2**	**12**	**88 F2**	**580**	**130**	**11**	**8.5**	**93**	**980**	**62**	**79**	**75**	**310**	**33**	**4.7**	**6.2**	**3.7**
Manganese	180	480	-	-	**48**	**400 F2**	**240**	**62**	**210**	**290**	**200**	**170**	**240**	**86**	**350**	**250**	**200**	**11**	**21**	**270**
Mercury	1.1	NA	< 0.0145	**0.031**	**0.041 J**	**0.077 F1**	**0.26**	**0.082**	< 0.07	< 0.069	**0.14**	**0.32**	**0.18**	**0.18**	**0.097**	**0.37**	**0.23**	< 0.071	< 0.065	< 0.06
Mercury, Elemental	1.1	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	150	NA	**5.25**	**13**	**17**	**330 F2**	**11**	**51**	**21**	**21**	**340**	**8**	**14**	**5.5**	**28**	**27**	**20**	**2.1**	**4.6**	**670**
Selenium	39	NA	**0.958**	**0.665**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	39	NA	< 0.291	< 0.269	< 0.1	**0.11**	**0.085 J**	**0.041 J**	< 0.11	< 0.11	< 0.098	**0.062 J**	**0.064 J**	**0.12**	< 0.12	**0.084 J**	< 0.12	< 0.11	< 0.087	< 0.099
Thallium	0.078	3.9	-	-	< 0.1	**0.065 J**	**0.054 J**	**0.082 J**	< 0.11	< 0.11	**0.052 J**	< 0.12	**0.072 J**	**0.062 J**	< 0.12	**0.069 J**	< 0.12	**0.078 J**	**0.1**	**0.059 J**
Zinc	2300	NA	**31.2**	**46.7**	**59**	**93 F2F1**	**190**	**98**	**120**	**130**	**84**	**350**	**570**	**120**	**130**	**140**	**120**	**12 J**	**21 J**	**20 J**
Other																				
Cyanide (mg/kg)	2.3	NA	< 0.543	**1.85**	< 0.59	< 0.57	< 0.55	< 0.58	< 0.54	< 0.57	< 0.56	< 0.57	< 0.59 *+cn	< 0.58	< 0.55 *+cn	< 0.58	< 0.6	< 0.58 *+cn	< 0.55 *+cn	< 0.52
Dioxins/Furans (mg/kg)																				
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NA	NA	< 0.00001	**0.00003**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NA	NA	**0.00063**	**0.0027**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	NA	NA	< 0.000005	**0.000012**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	**0.0000065**	**0.000062**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	NA	NA	< 0.000005	< 0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NA	NA	< 0.000005	< 0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	0.0000048	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Heptachlorodibenzofuran (HpCDF)	NA	NA	< 0.000005	**0.000034**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	**0.000018**	**0.00013**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Hexachlorodibenzofuran (HxCDF)	NA	NA	< 0.000005	**0.000017**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Hexachlorodibenzo-p-dioxin (HxCDD), Mixture	NA	NA	**0.0000097**	**0.0000076**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Pentachlorodibenzofuran (PeCDF)	NA	NA	< 0.000005	**0.000019**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Pentachlorodibenzo-p-dioxin (PeCDD)	NA	NA	< 0.000005	**0.000019**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Tetrachlorodibenzofuran (TCDF)	NA	NA	< 0.000001	**0.0000031**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Tetrachlorodibenzo-p-dioxin (TCDD)	0.0000048	NA	< 0.000001	< 0.000001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:

mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
MDE: State of Maryland Department of the Environment
ATC: Anticipated Typical Concentration
NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
Results highlighted in green indicate an exceedance of the MDE Residential Standard.
Results highlighted in orange indicate an exceedance of the ATC.
For a complete list of analytes see the laboratory data sheets.
For test methods used, see the laboratory data sheets.

J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
**+: LCS and/or LCSD is outside acceptance limits, high biased*
F1: MS and/or MSD is outside acceptance limits
F2: MS/MSD RPD exceeds control limits
^2: Calibration Blank (ICB and/or CCB) is outside acceptance limits.
H: Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements
B: Compound was found in blank and sample
p: the %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported
I: Value is EMPC (estimated maximum possible concentration).

TABLE 4B
SUMMARY OF SPA ROAD SOIL ANALYTICAL RESULTS (PCBs, METALS, CYANIDE, DIOXINS/FURANS)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	MDE Residential Soil Standards	ATC Standard	SB-108 SB-108_4-5 10/17/2024 410-192708-57 4 - 5 (ft)	SB-108 SB-108_16-18 10/17/2024 410-192708-58 16 - 18 (ft)	SB-109 SB-109_0-1 10/17/2024 410-192708-54 0 - 1 (ft)	SB-109 SB-109_4-5 10/17/2024 410-192708-55 4 - 5 (ft)	SB-110 SB-110_0-1 10/17/2024 410-192708-51 0 - 1 (ft)	SB-110 SB-110_4-5 10/17/2024 410-192708-52 4 - 5 (ft)	SB-111 SB-111_0-1 10/17/2024 410-192708-59 0 - 1 (ft)	SB-111 SB-111_4-5 10/17/2024 410-192708-60 4 - 5 (ft)	SB-112 SB-112_0-1 10/17/2024 410-192708-63 0 - 1 (ft)	SB-112 SB-112_4-5 10/17/2024 410-192708-64 4 - 5 (ft)	SB-113 SB-113_0-1 10/15/2024 410-192708-18 0 - 1 (ft)	SB-113 SB-113_4-5 10/15/2024 410-192708-19 4 - 5 (ft)	SB-114 SB-114_10-12 10/15/2024 410-192708-20 10 - 12 (ft)	SB-115 SB-115_4-5 10/16/2024 410-192708-24 4 - 5 (ft)	SB-115 SB-115_21-23 10/16/2024 410-192708-25 21 - 23 (ft)	SB-115 SB-115_29-30 10/16/2024 410-192708-26 29 - 30 (ft)	SB-116 SB-116_0-1 10/17/2024 410-192708-65 0 - 1 (ft)
Polychlorinated Biphenyls (mg/kg)																			
Aroclor-1016 (PCB-1016)	0.41	NA	-	-	-	-	-	-	< 0.019	< 0.02 cn	-	-	< 0.02	< 0.02 F1cn	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.2	NA	-	-	-	-	-	-	< 0.019	< 0.02 cn	-	-	< 0.02	< 0.02 cn	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.17	NA	-	-	-	-	-	-	< 0.019	< 0.02 cn	-	-	< 0.02	< 0.02 cn	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.23	NA	-	-	-	-	-	-	< 0.019	< 0.02 cn	-	-	< 0.02	< 0.02 cn	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.23	NA	-	-	-	-	-	-	< 0.019	< 0.02 cn	-	-	< 0.02	< 0.02 cn	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.12	NA	-	-	-	-	-	-	< 0.019	< 0.02 cn	-	-	< 0.02	< 0.02 cn	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.24	NA	-	-	-	-	-	-	**0.0093 J**	**0.013 Jpcn**	-	-	< 0.02	< 0.02 F1cn	-	-	-	-	-
Inorganic Compounds (mg/kg)																			
Aluminum	7700	11000	**540**	**6000**	**11000**	**5000**	**15000**	**20000**	**13000**	**6400**	**12000**	**13000**	-	-	-	-	-	-	**4300**
Antimony	3.1	NA	< 0.18	**5.9**	**2.4**	**29**	**0.36**	**0.13 J**	**3.9**	**1.3 F2F1**	**0.51**	< 0.21	-	-	-	-	-	-	**0.11 J**
Arsenic	0.68	3.6	**1.5**	**76**	**3.3**	**71**	**35**	**9.4**	**19**	**5.7**	**4.8**	**0.62**	-	-	-	-	-	-	**3.2**
Barium	1500	NA	**3.9**	**260**	**110**	**600**	**30**	**46**	**240**	**110 F2F1**	**57**	**31**	-	-	-	-	-	-	**16**
Beryllium	16	NA	**0.032 J**	**0.69**	**1.3**	**0.11**	**1**	**0.74**	**0.31**	**0.49**	**0.57**	**0.72**	-	-	-	-	-	-	**0.23**
Cadmium	7.1	NA	< 0.091	**4.9**	**0.16**	**2.2**	**0.035 J**	< 0.084	**1**	**0.58**	**0.24**	**0.042 J**	-	-	-	-	-	-	**0.096**
Chromium	NA	28	**6**	**35**	**27**	**59**	**110**	**90**	**46**	**33 F2F1**	**75**	**19**	-	-	-	-	-	-	**44**
Chromium VI (Hexavalent)	0.3	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	NA	NA	**0.11 J**	**4.6**	**2.6**	**23**	**2.8**	**2.2**	**21**	**5.2**	**16**	**5.4**	-	-	-	-	-	-	**11**
Copper	310	NA	**9.9**	**330**	**49**	**2000**	**5.6**	**5.1**	**140**	**68 F2F1**	**31**	**9.3**	-	-	-	-	-	-	**12**
Lead	400	NA	**1.2 ^2**	**1000**	**490 ^2**	**2000 ^2**	**9.2 ^2**	**11**	**530 ^2**	**170 F2**	**29 ^2**	**7.8 ^2**	-	-	-	-	-	-	**14 ^2**
Manganese	180	480	**2.8**	**220**	**840**	**1800**	**31**	**25**	**650**	**160 F2F1**	**330**	**220**	-	-	-	-	-	-	**130**
Mercury	1.1	NA	< 0.06	**10**	< 0.059	**0.37**	< 0.063	< 0.068	**0.14**	**0.64 F2F1**	**0.041 J**	< 0.06	-	-	-	-	-	-	< 0.06
Mercury, Elemental	1.1	NA	-	**0.00049 JB**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	150	NA	**0.33 J**	**23 ^2**	**18**	**300**	**6.9**	**7.1**	**190**	**21 F2F1**	**200**	**17**	-	-	-	-	-	-	**210**
Selenium	39	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	39	NA	< 0.091	**0.88**	**0.19**	**39**	< 0.083	< 0.084	**0.56**	**0.39 F2**	**0.079 J**	< 0.11	-	-	-	-	-	-	< 0.082
Thallium	0.078	3.9	< 0.091	**1.3**	**0.03 J**	**0.061 J**	**0.12**	**0.14**	**0.094 J**	**0.1 J**	**0.17**	**0.18**	-	-	-	-	-	-	**0.04 J**
Zinc	2300	NA	< 27	**1100**	**55**	**4000**	**47**	**35**	**530**	**200 F2F1**	**110**	**33**	-	-	-	-	-	-	**31**
Other																			
Cyanide (mg/kg)	2.3	NA	< 0.5	< 0.63	< 0.52	**0.29 J**	< 0.54	< 0.61	< 0.5	< 0.58	**0.35 J**	< 0.5	-	-	-	< 0.5 F2	< 0.61	< 0.61	< 0.49
Dioxins/Furans (mg/kg)																			
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NA	NA	-	-	-	-	-	-	< 0.0000013	**0.00000089 JI**	-	< 0.0000011	-	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	0.0000048	NA	-	-	-	-	-	-	**0.0000005 JI**	< 0.0000012 F1	-	< 0.0000011	-	-	-	-	-	-	-
Total Heptachlorodibenzofuran (HpCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Hexachlorodibenzofuran (HxCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Hexachlorodibenzo-p-dioxin (HxCDD), Mixture	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Pentachlorodibenzofuran (PeCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Pentachlorodibenzo-p-dioxin (PeCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Tetrachlorodibenzofuran (TCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Tetrachlorodibenzo-p-dioxin (TCDD)	0.0000048	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:

mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
MDE: State of Maryland Department of the Environment
ATC: Anticipated Typical Concentration
NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
Results highlighted in green indicate an exceedance of the MDE Residential Standard.
Results highlighted in orange indicate an exceedance of the ATC.
For a complete list of analytes see the laboratory data sheets.
For test methods used, see the laboratory data sheets.

J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
**+: LCS and/or LCSD is outside acceptance limits, high biased*
F1: MS and/or MSD is outside acceptance limits
F2: MS/MSD RPD exceeds control limits
^2: Calibration Blank (ICB and/or CCB) is outside acceptance limits.
H: Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements
B: Compound was found in blank and sample
p: the %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported
I: Value is EMPC (estimated maximum possible concentration).

TABLE 4B
SUMMARY OF SPA ROAD SOIL ANALYTICAL RESULTS (PCBs, METALS, CYANIDE, DIOXINS/FURANS)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	MDE Residential Soil Standards	ATC Standard	SB-116 SB-116_4-5 10/17/2024 410-192708-66 4 - 5 (ft)	SB-117 SB-117_0-1 10/18/2024 410-192708-67 0 - 1 (ft)	SB-117 SB-117_4-5 10/18/2024 410-192708-68 4 - 5 (ft)	SB-118 SB-118_0-1 10/18/2024 410-192708-69 0 - 1 (ft)	SB-118 SB-118_4-5 10/18/2024 410-192708-70 4 - 5 (ft)	SB-119 SB-119_0-1 10/18/2024 410-192708-71 0 - 1 (ft)	SB-119 SB-119_4-5 10/18/2024 410-192708-72 4 - 5 (ft)
Polychlorinated Biphenyls (mg/kg)									
Aroclor-1016 (PCB-1016)	0.41	NA	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.2	NA	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.17	NA	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.23	NA	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.23	NA	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.12	NA	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.24	NA	-	-	-	-	-	-	-
Inorganic Compounds (mg/kg)									
Aluminum	7700	11000	**6400**	**15000**	**5800**	**6700**	**12000**	**3200**	**14000**
Antimony	3.1	NA	**0.86**	< 0.19	**0.26**	**0.65 F1**	**0.68**	**0.099 J**	**1.2**
Arsenic	0.68	3.6	**7.6**	**2.8**	**4.2**	**8**	**16**	**7.7**	**20**
Barium	1500	NA	**42**	**1.2**	**28**	**27**	**23**	**26**	**25**
Beryllium	16	NA	**0.6**	< 0.093	**0.44**	**0.48**	**2.4**	**0.37**	**1.9**
Cadmium	7.1	NA	**1.4**	< 0.093	**0.23**	**0.17**	**0.55**	**0.059 J**	**0.86**
Chromium	NA	28	**65**	**420**	**59**	**56**	**170**	**230**	**240**
Chromium VI (Hexavalent)	0.3	NA	-	**0.22 JHcn**	-	-	-	-	-
Cobalt	NA	NA	**2.8**	**52**	**5.4**	**4.7 ^2**	**5.6**	**46**	**6.3**
Copper	310	NA	**18 ^2**	**24**	**5.4**	**31 F1**	**3**	**4.4 ^2**	**2.2**
Lead	400	NA	**170 ^2**	**0.34**	**48 ^2**	**140**	**24 ^2**	**5.5**	**12 ^2**
Manganese	180	480	**150**	**740**	**210**	**300 F2**	**370**	**580**	**230**
Mercury	1.1	NA	**0.089**	< 0.062	**0.055 J**	**0.052 J**	**0.054 J**	< 0.061	< 0.068
Mercury, Elemental	1.1	NA	-	-	-	-	-	-	-
Nickel	150	NA	**7.8**	**1100**	**77**	**23 F2F1**	**19**	**1000**	**27**
Selenium	39	NA	-	-	-	-	-	-	-
Silver	39	NA	**0.086 J**	< 0.093	< 0.11	**0.064 JF2F1**	< 0.1	< 0.096	< 0.11
Thallium	0.078	3.9	**0.059 J**	< 0.093	< 0.11	**0.091 J**	**0.048 J**	< 0.096	< 0.11
Zinc	2300	NA	**87**	**14 J**	**67**	**53 F2F1**	**150**	**28 J**	**140**
Other									
Cyanide (mg/kg)	2.3	NA	< 0.52	< 0.53	< 0.56	< 0.51	< 0.6	< 0.5	< 0.56
Dioxins/Furans (mg/kg)									
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NA	NA	-	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NA	NA	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	NA	NA	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	-	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	NA	NA	-	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NA	NA	< 0.0000011	-	< 0.000012	-	-	< 0.0000011	< 0.0000012
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	0.0000048	NA	< 0.0000011	-	< 0.000012	-	-	< 0.0000011	< 0.0000012
Total Heptachlorodibenzofuran (HpCDF)	NA	NA	-	-	-	-	-	-	-
Total Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	-	-	-	-	-	-	-
Total Hexachlorodibenzofuran (HxCDF)	NA	NA	-	-	-	-	-	-	-
Total Hexachlorodibenzo-p-dioxin (HxCDD), Mixture	NA	NA	-	-	-	-	-	-	-
Total Pentachlorodibenzofuran (PeCDF)	NA	NA	-	-	-	-	-	-	-
Total Pentachlorodibenzo-p-dioxin (PeCDD)	NA	NA	-	-	-	-	-	-	-
Total Tetrachlorodibenzofuran (TCDF)	NA	NA	-	-	-	-	-	-	-
Total Tetrachlorodibenzo-p-dioxin (TCDD)	0.0000048	NA	-	-	-	-	-	-	-

Notes and Abbreviations:

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TABLE 5A
SUMMARY OF WEEMS-WHALEN SOIL ANALYTICAL RESULTS (VOCs, SVOCs, TPH, PESTICIDES/HERBICIDES)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	MDE Residential Soil Standards	HA-01 HA-1 10/01/2019 HA-1 -	HA-02 HA-2 10/01/2019 HA-2 -	HA-03 HA-3 10/01/2019 HA-3 -	HA-04 HA-4 10/01/2019 HA-4 -	HA-05 HA-5 10/01/2019 HA-5 -	HA-06 HA-6 10/01/2019 HA-6 -	SB-04 SB-4_14-15 07/11/2019 SB-4_14-15 14 - 15 (ft)	SB-06 SB-6_9.0 07/11/2019 SB-6_9.0 9 (ft)	C-01A C-1A 09/22/2022 C-1A -	C-01B C-1B 09/22/2022 C-1B -	C-02A C-2A 09/22/2022 C-2A -	C-02B C-2B 09/22/2022 C-2B -	C-03A C-3A 09/22/2022 C-3A -	C-03B C-3B 09/22/2022 C-3B -	C-04A C-4A 09/22/2022 C-4A -	C-04B C-4B 09/22/2022 C-4B -	C-05A C-5A 09/22/2022 C-5A -	C-05B C-5B 09/22/2022 C-5B -	C-06A C-6A 09/22/2022 C-6A -	C-06B C-6B 09/22/2022 C-6B -	C-07A C-7A 09/22/2022 C-7A -
Volatile Organic Compounds (mg/kg)																					
Benzene	1.2	-	-	-	-	-	-	< 0.0067	< 0.006	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5.8	-	-	-	-	-	-	< 0.0067	< 0.006	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether (MTBE)	47	-	-	-	-	-	-	< 0.0067	< 0.006	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	3.8	-	-	-	-	-	-	< 0.0067	< 0.006	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	490	-	-	-	-	-	-	< 0.0067	< 0.006	-	-	-	-	-	-	-	-	-	-	-	-
Xylene (Total)	58	-	-	-	-	-	-	< 0.0134	< 0.012	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (mg/kg)																					
Benzo(b)fluoranthene	1.1	< 0.266	< 0.26	**0.122 J**	< 0.263	< 0.258	< 0.263	**0.227 J**	< 0.301	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	NA	< 0.266	< 0.26	**0.144 J**	< 0.263	< 0.258	< 0.263	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	110	-	-	-	-	-	-	**0.161 J**	< 0.301	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	240	-	-	-	-	-	-	**0.254 J**	< 0.301	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	1.1	-	-	-	-	-	-	**0.142 J**	< 0.301	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	180	-	-	-	-	-	-	**0.261 J**	< 0.301	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	180	-	-	-	-	-	-	**0.312 J**	< 0.301	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)																					
Gasoline Range Organics	230	-	-	-	-	-	-	< 0.13	< 0.12	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	NA	**22.6**	< 8.3	**20.1**	**8.9**	**18**	**17**	**132**	< 9.6	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides (mg/kg)																					
4,4'-DDD	0.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	0.039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	0.086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-Chlordane (cis)	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	0.034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	0.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-Chlordane (trans)	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	0.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	0.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Herbicides (mg/kg)																					
2-(2-Methyl-4-chlorophenoxy)-propionic acid (MCPP)	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-T	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DB	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenoxyacetic acid (2,4-D)	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl-4-chlorophenoxyacetic acid (MCPA)	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dalapon	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dicamba	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloroprop	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:

mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
ATC: Anticipated Typical Concentration
MDE: State of Maryland Department of the Environment
NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
- Analytes detected in Volatile and Semi-Volatile Organics for at least one sample are reported herein.

For a complete list of analytes see the laboratory data sheets.
- For test methods used, see the laboratory data sheets.
J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
p: the %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported

TABLE 5A
SUMMARY OF WEEMS-WHALEN SOIL ANALYTICAL RESULTS (VOCs, SVOCs, TPH, PESTICIDES/HERBICIDES)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name	MDE Residential Soil Standards	C-07B	C-08A	C-08B	C-09A	C-09B	C-10A	C-10B	N-01A	N-01B	N-02A	N-02B	N-03A	N-03B	N-04A	N-04B	N-05A	N-05B	N-06A	N-06B	N-07A	N-07B	N-08A	N-08B	N-09A	N-09B
Sample Name		C-7B	C-8A	C-8B	C-9A	C-9B	C-10A	C-10B	N-1A	N-1B	N-2A	N-2B	N-3A	N-3B	N-4A	N-4B	N-5A	N-5B	N-6A	N-6B	N-7A	N-7B	N-8A	N-8B	N-9A	N-9B
Sample Date		09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022
Lab Sample ID		C-7B	C-8A	C-8B	C-9A	C-9B	C-10A	C-10B	N-1A	N-1B	N-2A	N-2B	N-3A	N-3B	N-4A	N-4B	N-5A	N-5B	N-6A	N-6B	N-7A	N-7B	N-8A	N-8B	N-9A	N-9B
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (mg/kg)																										
Benzene	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether (MTBE)	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene (Total)	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (mg/kg)																										
Benzo(b)fluoranthene	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)																										
Gasoline Range Organics	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides (mg/kg)																										
4,4'-DDD	0.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	0.039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	0.086	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-Chlordane (cis)	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	0.034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	0.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-Chlordane (trans)	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	0.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	0.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Herbicides (mg/kg)																										
2-(2-Methyl-4-chlorophenoxy)-propionic acid (MCPP)	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-T	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-DB	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenoxyacetic acid (2,4-D)	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methyl-4-chlorophenoxyacetic acid (MCPA)	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dalapon	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dicamba	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloroprop	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:
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bgs: below ground surface
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MDE: State of Maryland Department of the Environment
NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
- Analytes detected in Volatile and Semi-Volatile Organics for at least one sample are reported herein.

For a complete list of analytes see the laboratory data sheets.
- For test methods used, see the laboratory data sheets.
J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
p: the %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported

TABLE 5A
SUMMARY OF WEEMS-WHALEN SOIL ANALYTICAL RESULTS (VOCs, SVOCs, TPH, PESTICIDES/HERBICIDES)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name	MDE Residential Soil Standards	N-10A	N-10B	C-2E	C-2E	C-2E	C-2N	C-2N	C-2N	C-2S	C-2S	C-2S	C-2W	C-2W	C-2W	N-3E	N-3E	N-3E	N-3N	N-3N	N-3N
Sample Name		N-10A	N-10B	C-2E_0-1	C-2E_1-2	C-2E_2-3	C-2N_0-1	C-2N_1-2	C-2N_2-3	C-2S_0-1	C-2S_1-2	C-2S_2-3	C-2W_0-1	C-2W_1-2	C-2W_2-3	N-3E_0-1	N-3E_1-2	N-3E_2-3	N-3N_0-1	N-3N_1-2	N-3N_2-3
Sample Date		09/22/2022	09/22/2022	10/16/2024	10/16/2024	10/16/2024	10/16/2024	10/16/2024	10/16/2024	10/17/2024	10/17/2024	10/17/2024	10/17/2024	10/17/2024	10/17/2024	10/16/2024	10/16/2024	10/16/2024	10/16/2024	10/16/2024	10/16/2024
Lab Sample ID		N-10A	N-10B	410-192708-45	410-192708-46	410-192708-47	410-192708-39	410-192708-40	410-192708-41	410-192708-42	410-192708-43	410-192708-44	410-192708-48	410-192708-49	410-192708-50	410-192708-36	410-192708-37	410-192708-38	410-192708-27	410-192708-28	410-192708-29
Sample Depth (bgs)		-	-	0 - 1 (ft)	1 - 2 (ft)	2 - 3 (ft)	0 - 1 (ft)	1 - 2 (ft)	2 - 3 (ft)	0 - 1 (ft)	1 - 2 (ft)	2 - 3 (ft)	0 - 1 (ft)	1 - 2 (ft)	2 - 3 (ft)	0 - 1 (ft)	1 - 2 (ft)	2 - 3 (ft)	0 - 1 (ft)	1 - 2 (ft)	2 - 3 (ft)
Volatile Organic Compounds (mg/kg)																					
Benzene	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether (MTBE)	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene (Total)	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (mg/kg)																					
Benzo(b)fluoranthene	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)																					
Gasoline Range Organics	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides (mg/kg)																					
4,4'-DDD	0.19	-	-	-	-	-	< 0.0019	-	-	-	-	-	-	-	-	-	-	-	< 0.096 cn	-	-
4,4'-DDE	2	-	-	-	-	-	**0.0014 J**	-	-	-	-	-	-	-	-	-	-	-	< 0.096 cn	-	-
4,4'-DDT	1.9	-	-	-	-	-	**0.0012 J**	-	-	-	-	-	-	-	-	-	-	-	**1.1 cn**	-	-
Aldrin	0.039	-	-	-	-	-	< 0.00091	-	-	-	-	-	-	-	-	-	-	-	< 0.047 cn	-	-
alpha-BHC	0.086	-	-	-	-	-	< 0.00091	-	-	-	-	-	-	-	-	-	-	-	< 0.047 cn	-	-
alpha-Chlordane (cis)	NA	-	-	-	-	-	**0.00037 Jp**	-	-	-	-	-	-	-	-	-	-	-	< 0.047 cn	-	-
beta-BHC	0.3	-	-	-	-	-	< 0.0011	-	-	-	-	-	-	-	-	-	-	-	< 0.057 cn	-	-
delta-BHC	NA	-	-	-	-	-	< 0.0011	-	-	-	-	-	-	-	-	-	-	-	< 0.057 cn	-	-
Dieldrin	0.034	-	-	-	-	-	< 0.0019	-	-	-	-	-	-	-	-	-	-	-	< 0.096 cn	-	-
Endosulfan I	NA	-	-	-	-	-	< 0.00091	-	-	-	-	-	-	-	-	-	-	-	< 0.047 cn	-	-
Endosulfan II	NA	-	-	-	-	-	< 0.0025	-	-	-	-	-	-	-	-	-	-	-	< 0.13 cn	-	-
Endosulfan sulfate	NA	-	-	-	-	-	< 0.0019	-	-	-	-	-	-	-	-	-	-	-	< 0.096 cn	-	-
Endrin	1.9	-	-	-	-	-	< 0.0019	-	-	-	-	-	-	-	-	-	-	-	< 0.096 cn	-	-
Endrin aldehyde	NA	-	-	-	-	-	< 0.0019	-	-	-	-	-	-	-	-	-	-	-	< 0.096 cn	-	-
Endrin ketone	NA	-	-	-	-	-	< 0.0022	-	-	-	-	-	-	-	-	-	-	-	< 0.11 cn	-	-
gamma-BHC (Lindane)	0.57	-	-	-	-	-	**0.00029 Jp**	-	-	-	-	-	-	-	-	-	-	-	< 0.047 cn	-	-
gamma-Chlordane (trans)	NA	-	-	-	-	-	< 0.00091	-	-	-	-	-	-	-	-	-	-	-	< 0.047 cn	-	-
Heptachlor	0.13	-	-	-	-	-	< 0.00091	-	-	-	-	-	-	-	-	-	-	-	< 0.047 cn	-	-
Heptachlor epoxide	0.07	-	-	-	-	-	< 0.00091	-	-	-	-	-	-	-	-	-	-	-	< 0.047 cn	-	-
Methoxychlor	32	-	-	-	-	-	< 0.0073	-	-	-	-	-	-	-	-	-	-	-	< 0.38 cn	-	-
Toxaphene	0.49	-	-	-	-	-	< 0.036	-	-	-	-	-	-	-	-	-	-	-	< 1.9 cn	-	-
Herbicides (mg/kg)																					
2-(2-Methyl-4-chlorophenoxy)-propionic acid (MCPP)	NA	-	-	-	-	-	< 8.3	-	-	-	-	-	-	-	-	-	-	-	< 8.7	-	-
2,4,5-T	NA	-	-	-	-	-	< 0.0018	-	-	-	-	-	-	-	-	-	-	-	< 0.0019	-	-
2,4,5-TP (Silvex)	51	-	-	-	-	-	< 0.0018	-	-	-	-	-	-	-	-	-	-	-	< 0.0019	-	-
2,4-DB	NA	-	-	-	-	-	< 0.027	-	-	-	-	-	-	-	-	-	-	-	< 0.028	-	-
2,4-Dichlorophenoxyacetic acid (2,4-D)	70	-	-	-	-	-	< 0.039	-	-	-	-	-	-	-	-	-	-	-	< 0.041	-	-
2-Methyl-4-chlorophenoxyacetic acid (MCPA)	NA	-	-	-	-	-	< 2.7	-	-	-	-	-	-	-	-	-	-	-	< 2.8	-	-
Dalapon	190	-	-	-	-	-	< 0.11	-	-	-	-	-	-	-	-	-	-	-	< 0.11	-	-
Dicamba	NA	-	-	-	-	-	< 0.031	-	-	-	-	-	-	-	-	-	-	-	< 0.033	-	-
Dichloroprop	NA	-	-	-	-	-	< 0.022	-	-	-	-	-	-	-	-	-	-	-	< 0.023	-	-
Pentachlorophenol	1	-	-	-	-	-	< 0.0018	-	-	-	-	-	-	-	-	-	-	-	**0.0045**	-	-

Notes and Abbreviations:
mg/kg: milligram per kilogram
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ft: feet
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NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
- Analytes detected in Volatile and Semi-Volatile Organics for at least one sample are reported herein.

For a complete list of analytes see the laboratory data sheets.
- For test methods used, see the laboratory data sheets.
J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
p: the %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported

TABLE 5A
SUMMARY OF WEEMS-WHALEN SOIL ANALYTICAL RESULTS (VOCs, SVOCs, TPH, PESTICIDES/HERBICIDES)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	MDE Residential Soil Standards	N-3S N-3S_0-1 10/16/2024 410-192708-30 0 - 1 (ft)	N-3S N-3S_1-2 10/16/2024 410-192708-31 1 - 2 (ft)	N-3S N-3S_2-3 10/16/2024 410-192708-32 2 - 3 (ft)	N-3W N-3W_0-1 10/16/2024 410-192708-33 0 - 1 (ft)	N-3W N-3W_1-2 10/16/2024 410-192708-34 1 - 2 (ft)	N-3W N-3W_2-3 10/16/2024 410-192708-35 2 - 3 (ft)
Volatile Organic Compounds (mg/kg)							
Benzene	1.2	-	-	-	-	-	-
Ethylbenzene	5.8	-	-	-	-	-	-
Methyl Tert Butyl Ether (MTBE)	47	-	-	-	-	-	-
Naphthalene	3.8	-	-	-	-	-	-
Toluene	490	-	-	-	-	-	-
Xylene (Total)	58	-	-	-	-	-	-
Semi-Volatile Organic Compounds (mg/kg)							
Benzo(b)fluoranthene	1.1	-	-	-	-	-	-
Benzo(g,h,i)perylene	NA	-	-	-	-	-	-
Chrysene	110	-	-	-	-	-	-
Fluoranthene	240	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	1.1	-	-	-	-	-	-
Phenanthrene	180	-	-	-	-	-	-
Pyrene	180	-	-	-	-	-	-
Total Petroleum Hydrocarbons (mg/kg)							
Gasoline Range Organics	230	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	NA	-	-	-	-	-	-
Pesticides (mg/kg)							
4,4'-DDD	0.19	< 0.0097	-	-	-	-	-
4,4'-DDE	2	**0.0051 J**	-	-	-	-	-
4,4'-DDT	1.9	< 0.0097	-	-	-	-	-
Aldrin	0.039	< 0.0048	-	-	-	-	-
alpha-BHC	0.086	< 0.0048	-	-	-	-	-
alpha-Chlordane (cis)	NA	**0.0013 Jp**	-	-	-	-	-
beta-BHC	0.3	< 0.0057	-	-	-	-	-
delta-BHC	NA	< 0.0057	-	-	-	-	-
Dieldrin	0.034	< 0.0097	-	-	-	-	-
Endosulfan I	NA	< 0.0048	-	-	-	-	-
Endosulfan II	NA	< 0.013	-	-	-	-	-
Endosulfan sulfate	NA	< 0.0097	-	-	-	-	-
Endrin	1.9	< 0.0097	-	-	-	-	-
Endrin aldehyde	NA	< 0.0097	-	-	-	-	-
Endrin ketone	NA	< 0.011	-	-	-	-	-
gamma-BHC (Lindane)	0.57	< 0.0048	-	-	-	-	-
gamma-Chlordane (trans)	NA	< 0.0048	-	-	-	-	-
Heptachlor	0.13	< 0.0048	-	-	-	-	-
Heptachlor epoxide	0.07	< 0.0048	-	-	-	-	-
Methoxychlor	32	< 0.038	-	-	-	-	-
Toxaphene	0.49	< 0.19	-	-	-	-	-
Herbicides (mg/kg)							
2-(2-Methyl-4-chlorophenoxy)-propionic acid (MCPP)	NA	< 8.9	-	-	-	-	-
2,4,5-T	NA	< 0.002	-	-	-	-	-
2,4,5-TP (Silvex)	51	< 0.002	-	-	-	-	-
2,4-DB	NA	< 0.029	-	-	-	-	-
2,4-Dichlorophenoxyacetic acid (2,4-D)	70	< 0.042	-	-	-	-	-
2-Methyl-4-chlorophenoxyacetic acid (MCPA)	NA	< 2.9	-	-	-	-	-
Dalapon	190	< 0.12	-	-	-	-	-
Dicamba	NA	< 0.033	-	-	-	-	-
Dichloroprop	NA	< 0.023	-	-	-	-	-
Pentachlorophenol	1	**0.0047**	-	-	-	-	-

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- For test methods used, see the laboratory data sheets.
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cn: Refer to lab case narative for further detail
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TABLE 5B
SUMMARY OF WEEMS-WHALEN SOIL ANALYTICAL RESULTS (METALS, CYANIDE, DIOXINS/FURANS)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	MDE Residential Soil Standards	ATC Standard	SB-04 SB-4_14-15 07/11/2019 SB-4_14-15 14 - 15 (ft)	SB-06 SB-6_9.0 07/11/2019 SB-6_9.0 9 (ft)	HA-01 HA-1 10/01/2019 HA-1 -	HA-02 HA-2 10/01/2019 HA-2 -	HA-03 HA-3 10/01/2019 HA-3 -	HA-04 HA-4 10/01/2019 HA-4 -	HA-05 HA-5 10/01/2019 HA-5 -	HA-06 HA-6 10/01/2019 HA-6 -	C-01A C-1A 09/22/2022 C-1A -	C-01B C-1B 09/22/2022 C-1B -	C-02A C-2A 09/22/2022 C-2A -	C-02B C-2B 09/22/2022 C-2B -	C-03A C-3A 09/22/2022 C-3A -	C-03B C-3B 09/22/2022 C-3B -	C-04A C-4A 09/22/2022 C-4A -	C-04B C-4B 09/22/2022 C-4B -	C-05A C-5A 09/22/2022 C-5A -	C-05B C-5B 09/22/2022 C-5B -	C-06A C-6A 09/22/2022 C-6A -	C-06B C-6B 09/22/2022 C-6B -	C-07A C-7A 09/22/2022 C-7A -	C-07B C-7B 09/22/2022 C-7B -	C-08A C-8A 09/22/2022 C-8A -
Inorganic Compounds (mg/kg)																									
Aluminum	7700	11000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	3.1	NA	**2.29**	< 0.301	**0.292**	**0.271**	**0.597**	**0.454**	**1.21**	**0.343**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	0.68	3.6	**15.9**	**13.1**	**13.3**	**6.24**	**12.3**	**9.75**	**9.04**	**8.18**	**11**	**12.3**	**92.4**	**98.3**	**11.8**	**3.69**	**15.4**	**11.4**	**8.51**	**7.92**	**7.77**	**13.6**	**17**	**13.2**	**10.5**
Barium	1500	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	16	NA	**0.809**	**1.1**	**1.28**	**0.541**	**0.726**	**0.69**	**0.707**	**0.727**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	7.1	NA	**1.74**	< 0.301	< 0.266	< 0.26	**0.329**	< 0.263	< 0.258	< 0.263	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	NA	28	**24**	**216**	**94.3**	**37.1**	**59.5**	**52.3**	**54.4**	**50.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (Hexavalent)	0.3	NA	-	-	**0.191**	-	**0.0939**	**0.191**	**0.0995**	< 0.0826	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	310	NA	**138**	**0.304**	**9.42**	**4.63**	**24.5**	**9.67**	**8.57**	**9.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	400	NA	**859**	**6.83**	**19.3**	**15.8**	**84.8**	**33.8**	**57.4**	**39**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	180	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	1.1	NA	**0.969**	< 0.0151	**0.055**	**0.0566**	**0.0837**	**0.0737**	**0.0927**	**0.101**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Elemental	1.1	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	150	NA	**20.6**	**12.3**	**10.5**	**4.72**	**14.2**	**6.15**	**6.62**	**7.27**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	39	NA	**2.25**	**1.33**	**1.39**	**0.674**	**1.18**	**0.958**	**0.954**	**1.03**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	39	NA	**1.44**	< 0.301	< 0.266	< 0.26	**0.335**	< 0.263	< 0.258	< 0.263	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	0.078	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2300	NA	**704**	**43.9**	**62.2**	**36.8**	**132**	**61.3**	**60.7**	**70.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other																									
Cyanide (mg/kg)	2.3	NA	< 0.598	< 0.585	**0.408**	**0.382**	**0.481**	**0.327**	**0.467**	**0.531**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dioxins/Furans (mg/kg)																									
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NA	NA	< 0.00001 JI	< 0.00001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NA	NA	**0.00017**	< 0.00001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	NA	NA	**0.000023**	< 0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	**0.000025**	< 0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	NA	NA	**0.0000056 J**	< 0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NA	NA	**0.0000067 A**	< 0.000001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Heptachlorodibenzofuran (HpCDF)	NA	NA	**0.000031**	< 0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	**0.000041**	< 0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Hexachlorodibenzofuran (HxCDF)	NA	NA	**0.000028**	< 0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Hexachlorodibenzo-p-dioxin (HxCDD), Mixture	NA	NA	< 0.000005	< 0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Pentachlorodibenzofuran (PeCDF)	NA	NA	**0.000072**	< 0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Pentachlorodibenzo-p-dioxin (PeCDD)	NA	NA	**0.000072**	< 0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Tetrachlorodibenzofuran (TCDF)	NA	NA	**0.00013**	< 0.000001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Tetrachlorodibenzo-p-dioxin (TCDD)	NA	NA	**0.0000072**	< 0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:

mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
ATC: Anticipated Typical Concentration
MDE: State of Maryland Department of the Environment
NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
Results highlighted in green indicate an exceedance of the MDE Residential Standard.
Results highlighted in orange indicate an exceedance of the ATC.
- For test methods used, see the laboratory data sheets.
J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
F1: MS and/or MSD is outside acceptance limits
F2: MS/MSD RPD exceeds control limits
^2: Calibration Blank (ICB and/or CCB) is outside acceptance limits.
H: Sample was prepped or analyzed beyond the specified holding time.
This does not meet regulatory requirements.
p: the %RPD between the primary and confirmation column/detector is >40%.
The lower value has been reported.
I: Value is EMPC (estimated maximum possible concentration).
A: The tentatively identified compound is a suspected aldol-condensation product.

TABLE 5B
SUMMARY OF WEEMS-WHALEN SOIL ANALYTICAL RESULTS (METALS, CYANIDE, DIOXINS/FURANS)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	MDE Residential Soil Standards	ATC Standard	C-08B C-8B 09/22/2022 C-8B -	C-09A C-9A 09/22/2022 C-9A -	C-09B C-9B 09/22/2022 C-9B -	C-10A C-10A 09/22/2022 C-10A -	C-10B C-10B 09/22/2022 C-10B -	N-01A N-1A 09/22/2022 N-1A -	N-01B N-1B 09/22/2022 N-1B -	N-02A N-2A 09/22/2022 N-2A -	N-02B N-2B 09/22/2022 N-2B -	N-03A N-3A 09/22/2022 N-3A -	N-03B N-3B 09/22/2022 N-3B -	N-04A N-4A 09/22/2022 N-4A -	N-04B N-4B 09/22/2022 N-4B -	N-05A N-5A 09/22/2022 N-5A -	N-05B N-5B 09/22/2022 N-5B -	N-06A N-6A 09/22/2022 N-6A -	N-06B N-6B 09/22/2022 N-6B -	N-07A N-7A 09/22/2022 N-7A -	N-07B N-7B 09/22/2022 N-7B -	N-08A N-8A 09/22/2022 N-8A -	N-08B N-8B 09/22/2022 N-8B -	N-09A N-9A 09/22/2022 N-9A -	N-09B N-9B 09/22/2022 N-9B -
Inorganic Compounds (mg/kg)																									
Aluminum	7700	11000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	3.1	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	0.68	3.6	**5.31**	**13.7**	**8.42**	**40.5**	**13.7**	**11.1**	**19.9**	**16.1**	**13**	**145**	**44.2**	**19**	**29.4**	**33.7**	**28.3**	**12.6**	**15**	**22.5**	**15.6**	**23.6**	**29.2**	**18.6**	**24.2**
Barium	1500	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	16	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	7.1	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	NA	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (Hexavalent)	0.3	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	310	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	400	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	180	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	1.1	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Elemental	1.1	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	150	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	39	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	39	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	0.078	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2300	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other																									
Cyanide (mg/kg)	2.3	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dioxins/Furans (mg/kg)																									
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Heptachlorodibenzofuran (HpCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Hexachlorodibenzofuran (HxCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Hexachlorodibenzo-p-dioxin (HxCDD), Mixture	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Pentachlorodibenzofuran (PeCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Pentachlorodibenzo-p-dioxin (PeCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Tetrachlorodibenzofuran (TCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Tetrachlorodibenzo-p-dioxin (TCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

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Inorganic Compounds (mg/kg)																					
Aluminum	7700	11000	-	-	6700	12000	9800	12000	17000	12000	14000	15000	7400	13000	11000	13000	13000	12000	8100	10000	11000
Antimony	3.1	NA	-	-	< 0.21	0.33	0.61	0.25	0.22	0.48	0.41 F1	0.19	0.28	0.36	0.85	0.35	0.55	0.6	3.3	0.51	1.9
Arsenic	0.68	3.6	16.7	38.6	6.7	39	40	72	21	13	31 F1	14	12	18	250	290	62	23	17	14	26
Barium	1500	NA	-	-	22	34	44	42	42	69	44	34	25	29	36	37	110	47	230	81	240
Beryllium	16	NA	-	-	0.22	0.83	0.93	0.75	1.2	0.83	1.2	1.1	0.68	1.8	1.1	0.86	1	1.2	0.7	0.88	0.83
Cadmium	7.1	NA	-	-	0.064 J	0.1	0.34	0.12	0.082	0.28	0.16	0.056 J	0.062 J	0.33	0.32	0.26	0.41	5.9	1.8	0.77	1.9
Chromium	NA	28	-	-	320	82	99	79	95	77	89	82	59	240	130	68	110	36	58	81	99
Chromium VI (Hexavalent)	0.3	NA	-	-	0.44 Hcn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	NA	NA	-	-	47	2.8	3.9	4.9	3.2	2.5	2.8	2.6	1.7	5.8	4.9	2.3	6.5	8.8	5.7	4.6	6.8
Copper	310	NA	-	-	16	5.9	12	5.7	8.2	14	9.3	4.3	4.2	2.1	4.4	7.3	25	100	56	26	72
Lead	400	NA	-	-	7.3	28	110	27	16	93	27	9	9.5	10	21	35	150	1100	780	130	390
Manganese	180	480	-	-	380	59	140	130	70	55	75 F1	48	43	220	160	100	150	320	320	150	310
Mercury	1.1	NA	-	-	< 0.06	0.19	0.33	0.069	0.05 J	0.18 F2F1	0.043 J	0.082	0.061 J	< 0.068	0.05 J	0.052 J	0.16	0.55	0.83	0.34	1.7
Mercury, Elemental	1.1	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	150	NA	-	-	970	14	12	74	14	11	18	13	6.1	20	31	6.7	61	25	17	25	54
Selenium	39	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	39	NA	-	-	< 0.11	0.064 J	0.15	0.043 J	< 0.078	0.13	< 0.095	< 0.093	< 0.1	< 0.1	< 0.099	0.057 J	630	0.39	0.61	0.32	0.77
Thallium	0.078	3.9	-	-	0.045 J	0.095	0.075 J	0.087	0.11	0.1	0.18	0.1	0.075 J	< 0.1	0.068 J	0.1	0.091 J	0.097	0.11	0.079 J	0.13
Zinc	2300	NA	-	-	24 J	45	96	42	45	110	50 F1	33	28 J	88	69	130	190	600	460	230	750
Other																					
Cyanide (mg/kg)	2.3	NA	-	-	< 0.53	< 0.55	< 0.51	< 0.55	< 0.54	< 0.56	< 0.55	< 0.51	< 0.54	< 0.54	< 0.53	< 0.48	< 0.52	< 0.58	< 0.6	< 0.53	< 0.54
Dioxins/Furans (mg/kg)																					
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Heptachlorodibenzofuran (HpCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Hexachlorodibenzofuran (HxCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Hexachlorodibenzo-p-dioxin (HxCDD), Mixture	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Pentachlorodibenzofuran (PeCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Pentachlorodibenzo-p-dioxin (PeCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Tetrachlorodibenzofuran (TCDF)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Tetrachlorodibenzo-p-dioxin (TCDD)	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:

mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
ATC: Anticipated Typical Concentration
MDE: State of Maryland Department of the Environment
NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
Results highlighted in green indicate an exceedance of the MDE Residential Standard.
Results highlighted in orange indicate an exceedance of the ATC.
- For test methods used, see the laboratory data sheets.
J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
F1: MS and/or MSD is outside acceptance limits
F2: MS/MSD RPD exceeds control limits
^2: Calibration Blank (ICB and/or CCB) is outside acceptance limits.
H: Sample was prepped or analyzed beyond the specified holding time.
This does not meet regulatory requirements.
p: the %RPD between the primary and confirmation column/detector is >40%.
The lower value has been reported.
I: Value is EMPC (estimated maximum possible concentration).
A: The tentatively identified compound is a suspected aldol-condensation product.

TABLE 5B
SUMMARY OF WEEMS-WHALEN SOIL ANALYTICAL RESULTS (METALS, CYANIDE, DIOXINS/FURANS)
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	MDE Residential Soil Standards	ATC Standard	N-3N N-3N_2-3 10/16/2024 410-192708-29 2 - 3 (ft)	N-3S N-3S_0-1 10/16/2024 410-192708-30 0 - 1 (ft)	N-3S N-3S_1-2 10/16/2024 410-192708-31 1 - 2 (ft)	N-3S N-3S_2-3 10/16/2024 410-192708-32 2 - 3 (ft)	N-3W N-3W_0-1 10/16/2024 410-192708-33 0 - 1 (ft)	N-3W N-3W_1-2 10/16/2024 410-192708-34 1 - 2 (ft)	N-3W N-3W_2-3 10/16/2024 410-192708-35 2 - 3 (ft)
Inorganic Compounds (mg/kg)									
Aluminum	7700	11000	**9300**	**11000**	**14000**	**12000**	**16000**	**7500**	**13000**
Antimony	3.1	NA	**2**	**0.85**	**1.1**	**1.1**	**0.69**	**4.4**	**0.46**
Arsenic	0.68	3.6	**16**	**40**	**33**	**12**	**180**	**33**	**17**
Barium	1500	NA	**330**	**130**	**520**	**510**	**130**	**530**	**59**
Beryllium	16	NA	**0.76**	**0.94**	**1.1**	**1.1**	**1.3**	**0.46**	**1.1**
Cadmium	7.1	NA	**2**	**0.46**	**0.68**	**0.93**	**1.1**	**14**	**0.62**
Chromium	NA	28	**66**	**84**	**35**	**22**	**110**	**94**	**94**
Chromium VI (Hexavalent)	0.3	NA	-	-	-	-	-	-	-
Cobalt	NA	NA	**7**	**5.7**	**11**	**9.1**	**7.8**	**17**	**4.1**
Copper	310	NA	**100**	**23**	**88**	**1000**	**25**	**190**	**18**
Lead	400	NA	**670**	**98 ^2**	**170**	**110**	**190**	**1600**	**88**
Manganese	180	480	**280**	**200**	**390**	**280**	**610**	**890**	**140**
Mercury	1.1	NA	**1.8**	**0.15 Hcn**	**0.28**	**0.43**	**0.96**	**6**	**0.18**
Mercury, Elemental	1.1	NA	-	-	-	-	-	< 0.0056	-
Nickel	150	NA	**41**	**33**	**29**	**23**	**59**	**82**	**13**
Selenium	39	NA	-	-	-	-	-	-	-
Silver	39	NA	**0.7**	**0.24**	**1.4**	**0.43**	**0.28**	**1.4**	**0.38**
Thallium	0.078	3.9	**0.16**	**0.1 J**	**0.099 J**	**0.14**	**0.11**	**0.13 J**	**0.093**
Zinc	2300	NA	**560**	**180**	**310**	< 2000	**910**	**5500**	**410**
Other									
Cyanide (mg/kg)	2.3	NA	< 0.64	< 0.57	< 0.61	< 0.67	**0.34 J**	**0.89 F1F2**	< 0.54
Dioxins/Furans (mg/kg)									
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NA	NA	-	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NA	NA	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	NA	NA	-	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	-	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	NA	NA	-	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NA	NA	-	-	-	-	-	-	-
Total Heptachlorodibenzofuran (HpCDF)	NA	NA	-	-	-	-	-	-	-
Total Heptachlorodibenzo-p-dioxin (HpCDD)	NA	NA	-	-	-	-	-	-	-
Total Hexachlorodibenzofuran (HxCDF)	NA	NA	-	-	-	-	-	-	-
Total Hexachlorodibenzo-p-dioxin (HxCDD), Mixture	NA	NA	-	-	-	-	-	-	-
Total Pentachlorodibenzofuran (PeCDF)	NA	NA	-	-	-	-	-	-	-
Total Pentachlorodibenzo-p-dioxin (PeCDD)	NA	NA	-	-	-	-	-	-	-
Total Tetrachlorodibenzofuran (TCDF)	NA	NA	-	-	-	-	-	-	-
Total Tetrachlorodibenzo-p-dioxin (TCDD)	NA	NA	-	-	-	-	-	-	-

Notes and Abbreviations:

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bgs: below ground surface
ft: feet
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MDE: State of Maryland Department of the Environment
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F2: MS/MSD RPD exceeds control limits
^2: Calibration Blank (ICB and/or CCB) is outside acceptance limits.
H: Sample was prepped or analyzed beyond the specified holding time.
This does not meet regulatory requirements.
p: the %RPD between the primary and confirmation column/detector is >40%.
The lower value has been reported.
I: Value is EMPC (estimated maximum possible concentration).
A: The tentatively identified compound is a suspected aldol-condensation product.

TABLE 6
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
SPA ROAD
ANNAPOLIS, MARYLAND
FILE NO. 209099

Location Name Sample Name Sample Date Lab Sample ID	Action Level MDE Type I/Type II Groundwater Standards	MW-03 MW-03_20241030 10/30/2024 410-192708-90	MW-04 MW-04_20241031 10/31/2024 410-192708-93	MW-05 MW-05_20241104 11/04/2024 410-192708-108	MW-06 MW-06_20241028 10/28/2024 410-192708-85	MW-07 MW-07_20241028 10/28/2024 410-192708-84	MW-08 MW-08_20241028 10/28/2024 410-192708-83	MW-09 MW-09_20241029 10/29/2024 410-192708-87	MW-10 MW-10_20241028 10/28/2024 410-192708-82	MW-11 MW-11_20241030 10/30/2024 410-192708-91	MW-12 MW-12_20241030 10/30/2024 410-192708-92	MW-13 MW-13_20241030 10/30/2024 410-192708-88	MW-14 MW-14_20241025 10/25/2024 410-192708-80	MW-14 FD-05_20241025 10/25/2024 410-192708-81	MW-15 MW-15_20241024 10/24/2024 410-192708-76
Volatile Organic Compounds (µg/L)															
1,2,4-Trichlorobenzene	70	< 250 cn	< 5	< 5	< 50 cn	**1.2 J**	< 5	< 5	< 50 cn	< 5	< 5	< 5	< 50 cn	< 50 cn	< 50 cn
1,2-Dichloroethane	5	< 50 cn	< 1	< 1	< 10 cn	< 1	< 1	< 1	< 10 cn	< 1	**6.4**	< 1	< 10 cn	< 10 cn	< 10 cn
2-Butanone (Methyl Ethyl Ketone)	560	< 500 cn	< 10	< 10	< 100 cn	**7 J**	< 10	< 10	< 100 cn	< 10	< 10	< 10	< 100 cn	< 100 cn	< 100 cn
2-Hexanone (Methyl Butyl Ketone)	NA	< 500 cn	< 10	< 10	< 100 cn	**3.6 J**	< 10	< 10	< 100 cn	< 10	< 10	< 10	< 100 cn	< 100 cn	< 100 cn
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	630	< 500 cn	< 10	< 10	< 100 cn	**2.7 J**	< 10	< 10	< 100 cn	< 10	< 10	< 10	< 100 cn	< 100 cn	< 100 cn
Acetone	1400	< 1000 cn	**0.74 J**	< 20	< 200 cn	**8.2 J**	< 20	< 20	< 200 cn	< 20	< 20	**0.8 J**	< 200 cn	< 200 cn	< 200 cn
Benzene	5	< 50 cn	< 1	< 1	< 10 cn	**0.31 J**	< 1	< 1	< 10 cn	< 1	**82**	< 1	< 10 cn	< 10 cn	< 10 cn
Chloroform (Trichloromethane)	80	< 50 cn	**4.8**	< 1	< 10 cn	< 1	< 1	< 1	< 10 cn	< 1	< 1	< 1	< 10 cn	< 10 cn	< 10 cn
cis-1,2-Dichloroethene	70	**28 Jcn**	< 1	< 1	< 10 cn	< 1	< 1	< 1	< 10 cn	< 1	< 1	< 1	< 10 cn	< 10 cn	< 10 cn
Cyclohexane	NA	< 250 cn	< 5	< 5	< 50 cn	< 5	< 5	< 5	< 50 cn	< 5	**2.2 J**	< 5	< 50 cn	< 50 cn	< 50 cn
Methyl Tert Butyl Ether (MTBE)	20	< 50 cn	< 1 cn	< 1	< 10 cn	< 1	< 1	< 1	< 10 cn	< 1	< 1	**0.31 J**	< 10 cn	< 10 cn	< 10 cn
Semi-Volatile Organic Compounds (µg/L)															
Acenaphthene	53	< 10	< 10	**1.9**	< 10 cn	< 10	< 10	< 0.52	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Anthracene	180	< 10	< 10	**0.12 J**	< 10 cn	< 10	< 10	< 0.52	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Fluorene	29	< 10	< 10	**0.51**	< 10 cn	< 10	< 10	< 0.52	< 10	< 10	< 10	< 10	< 10	< 10	< 10
N-Nitrosodiphenylamine	12	**1 J**	< 10	< 2	< 10 cn	< 10	< 10	-	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Phenanthrene	12	< 10	< 10	**0.59**	< 10 cn	< 10	< 10	< 0.52	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Polychlorinated Biphenyls (µg/L)															
Aroclor-1016 (PCB-1016)	0.14	< 0.5 cn	< 0.52	< 0.52	< 0.52	< 0.51	< 0.53	-	< 0.53	< 0.51	< 0.5	< 0.53	< 0.52	< 0.51	< 0.51
Aroclor-1221 (PCB-1221)	0.0047	< 0.5 cn	< 0.52	< 0.52	< 0.52	< 0.51	< 0.53	-	< 0.53	< 0.51	< 0.5	< 0.53	< 0.52	< 0.51	< 0.51
Aroclor-1232 (PCB-1232)	0.0047	< 0.5 cn	< 0.52	< 0.52	< 0.52	< 0.51	< 0.53	-	< 0.53	< 0.51	< 0.5	< 0.53	< 0.52	< 0.51	< 0.51
Aroclor-1242 (PCB-1242)	0.0078	< 0.5 cn	< 0.52	< 0.52	< 0.52	< 0.51	< 0.53	-	< 0.53	< 0.51	< 0.5	< 0.53	< 0.52	< 0.51	< 0.51
Aroclor-1248 (PCB-1248)	0.0078	< 0.5 cn	< 0.52	< 0.52	< 0.52	< 0.51	< 0.53	-	< 0.53	< 0.51	< 0.5	< 0.53	< 0.52	< 0.51	< 0.51
Aroclor-1254 (PCB-1254)	0.0078	< 0.5 cn	< 0.52	< 0.52	< 0.52	< 0.51	< 0.53	-	< 0.53	< 0.51	< 0.5	< 0.53	< 0.52	< 0.51	< 0.51
Aroclor-1260 (PCB-1260)	0.0078	< 0.5 cn	< 0.52	< 0.52	< 0.52	< 0.51	< 0.53	-	< 0.53	< 0.51	< 0.5	< 0.53	< 0.52	< 0.51	< 0.51
Inorganic Compounds - Dissolved (µg/L)															
Aluminum, Dissolved	2000	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	**14 J**	< 25	< 25	< 25	-	< 25
Antimony, Dissolved	6	**0.23 J**	< 1	< 1	**0.43 J**	< 1	< 1	< 1	**0.33 J**	< 1	< 1	**0.51 J**	< 1	-	< 1
Arsenic, Dissolved	10	**1.1 J**	< 2	< 2	**0.77 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	-	< 2
Barium, Dissolved	2000	**2000**	**34**	**160**	**1400**	**42**	**15**	**56**	**1300**	**42**	**27**	**1000**	**87**	-	**150**
Beryllium, Dissolved	4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.12 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5
Cadmium, Dissolved	5	< 0.5	**0.28 J**	< 0.5	< 0.5	**0.21 J**	< 0.5	**3**	< 0.5	**0.96**	< 0.5	< 0.5	< 0.5	-	< 0.5
Chromium, Dissolved	100	< 2	**25**	< 2	< 2	**18**	< 2	**16**	< 2	**2.7**	< 2	< 2	< 2	-	< 2
Cobalt, Dissolved	NA	**1**	**0.96**	**0.27 J**	**0.87**	**1.7**	**3.9**	**0.58**	**0.68**	**1.1**	**5.5**	**0.78**	**0.81**	-	**0.42 J**
Copper, Dissolved	1300	**0.5 J**	**0.88 J**	< 1	**2**	**0.76 J**	**0.74 J**	**0.68 J**	**1.2**	**0.62 J**	< 1	**0.44 J**	**0.43 J**	-	< 1
Lead, Dissolved	15	< 0.5	**0.12 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.32 J**	< 0.5	-	< 0.5
Manganese, Dissolved	43	**690**	**79**	**180**	**580**	**87**	**1700**	**36**	**450**	**87**	**800**	**350**	**210**	-	**390**
Nickel, Dissolved	39	< 1	**2.7**	**0.59 J**	**1.8**	**2.7**	**3**	**3.2**	**2.3**	**3.1**	**5.7**	**1.9**	< 1	-	**0.64 J**
Silver, Dissolved	9.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5
Thallium, Dissolved	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.31 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	< 0.5
Zinc, Dissolved	600	**4.8 J**	**7.6 J**	< 10	**13**	**11**	**6.5 J**	**5.8 J**	**29**	**6 J**	**27**	**49**	< 10	-	< 10

TABLE 6
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
SPA ROAD
ANNAPOLIS, MARYLAND
FILE NO. 209099

Location Name Sample Name Sample Date Lab Sample ID	Action Level MDE Type I/Type II Groundwater Standards	MW-03 MW-03_20241030 10/30/2024 410-192708-90	MW-04 MW-04_20241031 10/31/2024 410-192708-93	MW-05 MW-05_20241104 11/04/2024 410-192708-108	MW-06 MW-06_20241028 10/28/2024 410-192708-85	MW-07 MW-07_20241028 10/28/2024 410-192708-84	MW-08 MW-08_20241028 10/28/2024 410-192708-83	MW-09 MW-09_20241029 10/29/2024 410-192708-87	MW-10 MW-10_20241028 10/28/2024 410-192708-82	MW-11 MW-11_20241030 10/30/2024 410-192708-91	MW-12 MW-12_20241030 10/30/2024 410-192708-92	MW-13 MW-13_20241030 10/30/2024 410-192708-88	MW-14 MW-14_20241025 10/25/2024 410-192708-80	MW-14 FD-05_20241025 10/25/2024 410-192708-81	MW-15 MW-15_20241024 10/24/2024 410-192708-76
Inorganic Compounds - Undissolved (µg/L)															
Aluminum, Total	2000	**66**	**29**	**15 J**	**220**	**180**	**19 J**	-	**680**	**160**	**450**	**5800**	**480**	**480**	**150**
Antimony, Total	6	**0.31 J**	< 1	< 1	**0.92 J**	< 1	< 1	-	**2**	< 1	< 1	**3**	< 1	< 1	< 1
Arsenic, Total	10	**5.5**	< 2	**1.2 J**	**24**	< 2	< 2	-	**5.7**	< 2	**0.96 J**	**13**	**9.6**	**9.2**	**11**
Barium, Total	2000	**2500**	**33**	**200**	**1300**	**42**	**14**	-	**1600**	**41**	**27**	**1500**	**290**	**280**	**270**
Beryllium, Total	4	< 0.5	< 0.5	< 0.5	< 0.5 *+	< 0.5 *+	< 0.5 *+	-	< 0.5 *+	< 0.5	**0.12 J**	**0.69**	< 0.5	< 0.5	< 0.5
Cadmium, Total	5	< 0.5	**0.27 J**	< 0.5	< 0.5	**0.26 J**	< 0.5	-	**0.35 J**	**1.1**	< 0.5	**1.1**	< 0.5	< 0.5	< 0.5
Chromium, Total	100	**0.99 J**	**21**	< 2	**1.4 J**	**22**	< 2	-	**4.8**	**8.2**	**8.7**	**21**	**7.4**	**7.4**	**1.6 J**
Cobalt, Total	NA	**1.3**	**0.98**	**0.44 J**	**1**	**1.6**	**3.8**	-	**1.2**	**1.2**	**6.6**	**2.9**	**1.2**	**1.2**	**0.42 J**
Copper, Total	1300	**0.93 J**	< 1	**0.51 J**	**8.2**	**0.49 J**	**0.41 J**	-	**25**	**0.37 J**	< 1	**80**	**1.5**	**0.97 J**	< 1
Lead, Total	15	**3**	**0.3 J**	**1.6**	**41**	**0.32 J**	< 0.5	-	**140**	**0.29 J**	**1.4**	**580**	**8.5**	**8.6**	**3.4**
Manganese, Total	43	**660**	**80 B**	**180**	**590**	**82**	**1800**	-	**470**	**87 ^2**	**860 B**	**420 ^2**	**250**	**240**	**400**
Mercury, Total	2	< 0.2	< 0.2	< 0.2	**0.14 J**	< 0.2	< 0.2	-	**0.2**	< 0.2	< 0.2	**0.68**	< 0.2	< 0.2	< 0.2
Nickel, Total	39	< 1	**2.4**	**0.69 J**	**2.4**	**2.9**	**2.7**	-	**4.3**	**3.7**	**6.7**	**8.6 ^2**	**1.2**	**0.91 J**	< 1
Silver, Total	9.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	-	**0.26 J**	< 0.5	< 0.5	**0.95**	< 0.5	< 0.5	< 0.5
Thallium, Total	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.43 J**	-	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Zinc, Total	600	**24**	**6.5 J**	**7.8 J**	**77**	**10**	**7 J**	-	**160**	**5 J**	**32**	**410**	**12**	**11**	**4.9 J**

Notes and Abbreviations:

µg/L: microgram per liter

-: Not Analyzed
bgs: below ground surface
ft: feet
MDE: State of Maryland Department of the Environment
NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
J: Result is estimated between the method detection limit and laboratory reporting limit

- Analytes detected in Volatile and Semi-Volatile Organics for at least one sample are reported herein.
For a complete list of analytes see the laboratory data sheets.

- For test methods used, see the laboratory data sheets.

J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
**+: LCS and/or LCSD is outside acceptance limits, high biased*
F1: MS and/or MSD is outside acceptance limits
F2: MS/MSD RPD exceeds control limits
^2: Calibration Blank (ICB and/or CCB) is outside acceptance limits.
B: Compound was found in blank and sample

TABLE 7
SUMMARY OF SEDIMENT ANALYTICAL RESULTS
932 AND 935 SPA ROAD
ANNAPOLIS, MARYLAND

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	MDE Residential Soil Standards	ATC Standard	SED-01 SED-01_0-1_20241101 11/01/2024 410-192708-94 0 - 1 ft	SED-02 SED-02_0-1_20241101 11/01/2024 410-192708-95 0 - 1 ft	SED-03 SED-03_0-1_20241101 11/01/2024 410-192708-96 0 - 1 ft	SED-04 SED-04_0-1_20241104 11/04/2024 410-192708-102 0 - 1 ft	SED-05 SED-05_0-1_20241104 11/04/2024 410-192708-103 0 - 1 ft	SED-06 SED-06_0-1_20241104 11/04/2024 410-192708-104 0 - 1 ft
Semi-Volatile Organic Compounds (mg/kg)								
2-Methylnaphthalene	24	NA	< 0.83	< 0.44	< 0.49	< 0.032	**0.0082 J**	**0.013 J**
4-Methylphenol	630	NA	**1.1**	**0.27 J**	< 0.49	< 0.096	< 0.073	< 0.078
Acenaphthene	360	NA	< 0.83	< 0.44	< 0.49	**0.0091 J**	**0.0057 J**	**0.015 J**
Acenaphthylene	NA	NA	**0.025 J**	< 0.44	< 0.49	**0.011 J**	**0.014 J**	**0.033**
Anthracene	1800	NA	**0.05 J**	< 0.44	< 0.49	**0.028 J**	**0.025**	**0.053**
Benzo(a)anthracene	1.1	NA	**0.29**	**0.035 J**	< 0.049	**0.2**	**0.15**	**0.22**
Benzo(a)pyrene	0.11	NA	**0.45**	**0.032 J**	**0.022 J**	**0.35**	**0.2**	**0.27**
Benzo(b)fluoranthene	1.1	NA	**0.79**	**0.05**	**0.031 J**	**0.57**	**0.26**	**0.3**
Benzo(g,h,i)perylene	NA	NA	**0.39 J**	**0.029 J**	**0.022 J**	**0.31**	**0.18**	**0.2**
Benzo(k)fluoranthene	11	NA	**0.27**	**0.017 J**	**0.013 J**	**0.2**	**0.09**	**0.13**
bis(2-Ethylhexyl)phthalate	39	NA	**0.092 J**	< 0.44	**0.027 J**	< 0.32	< 0.24	< 0.26
Butyl benzylphthalate (BBP)	NA	NA	**0.08 J**	**0.1 J**	< 0.49	< 0.32	< 0.24	< 0.26
Carbazole	NA	NA	**0.1 J**	< 0.44	< 0.49	**0.032 J**	< 0.053	**0.027 J**
Chrysene	110	NA	**0.5 J**	**0.038 J**	< 0.49	**0.38**	**0.19**	**0.24**
Dibenz(a,h)anthracene	0.11	NA	**0.059 J**	< 0.044	< 0.049	**0.072**	**0.04**	**0.054**
Di-n-butylphthalate (DBP)	NA	NA	**0.097 J**	**0.061 J**	**0.033 J**	< 0.32	< 0.24	< 0.26
Fluoranthene	240	NA	**0.78 J**	**0.054 J**	**0.027 J**	**0.52**	**0.29**	**0.37**
Fluorene	240	NA	< 0.83	< 0.44	< 0.49	**0.0093 J**	**0.0085 J**	**0.015 J**
Indeno(1,2,3-cd)pyrene	1.1	NA	**0.4**	**0.028 J**	**0.019 J**	**0.24**	**0.15**	**0.16**
Naphthalene	3.8	NA	**0.041 J**	< 0.44	< 0.49	**0.014 J**	**0.014 J**	**0.023 J**
Phenanthrene	180	NA	**0.3 J**	**0.02 J**	< 0.49	**0.19**	**0.13**	**0.18**
Phenol	1900	NA	**0.082 J**	< 0.44	< 0.49	< 0.071	< 0.053	< 0.057
Pyrene	180	NA	**0.66 J**	**0.048 J**	**0.029 J**	**0.51**	**0.27**	**0.37**
Polychlorinated Biphenyls (mg/kg)								
Aroclor-1016 (PCB-1016)	0.41	NA	< 0.043 cn	< 0.023 cn	< 0.025 cn	< 0.033 cn	< 0.025 cn	< 0.13 cn
Aroclor-1221 (PCB-1221)	0.2	NA	< 0.043	< 0.023	< 0.025	< 0.033 cn	< 0.025 cn	< 0.13 cn
Aroclor-1232 (PCB-1232)	0.17	NA	< 0.043	< 0.023	< 0.025	< 0.033 cn	< 0.025 cn	< 0.13 cn
Aroclor-1242 (PCB-1242)	0.23	NA	< 0.043	< 0.023	< 0.025	< 0.033 cn	< 0.025 cn	< 0.13 cn
Aroclor-1248 (PCB-1248)	0.23	NA	< 0.043	< 0.023	< 0.025	< 0.033 cn	**0.016 Jcn**	< 0.13 cn
Aroclor-1254 (PCB-1254)	0.12	NA	< 0.043	< 0.023	< 0.025	< 0.033 cn	< 0.025 cn	< 0.13 cn
Aroclor-1260 (PCB-1260)	0.24	NA	< 0.043 F1cn	< 0.023 cn	< 0.025 cn	< 0.033 cn	< 0.025 cn	< 0.13 cn
Inorganic Compounds (mg/kg)								
Aluminum	7700	11000	**23000**	**8300**	**7400 ^2**	**9000 ^2**	**5500 ^2**	**14000 ^2**
Antimony	3.1	NA	**2.6 F1**	**0.56 F1F2**	**0.3**	**1**	**0.47**	**0.66**
Arsenic	0.68	3.6	**25**	**13 F2**	**3.6**	**13**	**8.1**	**18**
Barium	1500	NA	**150 F1**	**35**	**11**	**51 ^2**	**23 ^2**	**39 ^2**
Beryllium	16	NA	**2**	**1.2 F2**	**0.38**	**1.2 B^2**	**0.83 B^2**	**1.5 B^2**
Cadmium	7.1	NA	**4.4**	**0.57 F2**	**0.28**	**1.1**	**0.35**	**0.51**
Chromium, Total	NA	28	**260 F1**	**110 F1**	**31**	**120 ^2**	**80 ^2**	**140 ^2**
Cobalt	NA	NA	**14**	**4 F2**	**1.6**	**5.2 ^2**	**2.7 ^2**	**5 ^2**
Copper	310	NA	**86 ^2**	**7.9 F2**	**30**	**19 ^2**	**6.1 ^2**	**16 ^2**
Lead	400	NA	**210 F2**	**38**	**25**	**41 ^2**	**25 ^2**	**110 ^2**
Manganese	180	480	**350**	**170 F1F2**	**22**	**200 ^2**	**47 ^2**	**190 ^2**
Mercury	1.1	NA	**0.12 JF1**	**0.11**	**0.052 J**	**0.054 J**	**0.039 J**	**0.1**
Nickel	150	NA	**120 ^2F1**	**21**	**11 ^2**	**23 ^2**	**13 ^2**	**15 ^2**
Silver	39	NA	**0.28**	**0.051 JF2**	**0.16**	**0.067 J**	< 0.12	**0.17**
Thallium	0.078	3.9	**0.19 J**	**0.07 JF2**	< 0.15	< 0.16	< 0.12	**0.084 J**
Zinc	2300	NA	**810**	**100 F1**	**110**	**180**	**72**	**140**
Other								
Total Organic Carbon (TOC) (mg/kg)	NA	NA	**70000**	**18000**	**21000**	**29000**	**17000**	**32000**

Notes and Abbreviations:

mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
MDE: State of Maryland Department of the Environment
ATC: Anticipated Typical Concentration
NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
Results highlighted in green indicate an exceedance of the MDE Residential Standard.
Results highlighted in orange indicate an exceedance of the ATC.
- Analytes detected in Volatile and Semi-Volatile Organics for at least one sample are reported herein.
For a complete list of analytes see the laboratory data sheets.
- For test methods used, see the laboratory data sheets.
J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
**+: LCS and/or LCSD is outside acceptance limits, high biased*
F1: MS and/or MSD is outside acceptance limits
F2: MS/MSD RPD exceeds control limits
^2: Calibration Blank (ICB and/or CCB) is outside acceptance limits.
B: Compound was found in blank and sample

TABLE 8
SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
SPA ROAD
ANNAPOLIS, MARYLAND
FILE NO. 209099

Location Name Sample Name Sample Date Lab Sample ID	Action Level MDE Type I/Type II Groundwater Standards	SW-01 SW-01_20241101 11/01/2024 410-192708-98	SW-02 SW-02_20241101 11/01/2024 410-192708-99	SW-03 SW-03_20241121 11/21/2024 410-198023-2	SW-04 SW-04_20241104 11/04/2024 410-192708-105	SW-05 SW-05_20241104 11/04/2024 410-192708-106	SW-06 SW-06_20241104 11/04/2024 410-192708-107
Volatile Organic Compounds (µg/L)							
Acetone	1400	-	-	**26**	-	-	-
Semi-Volatile Organic Compounds (µg/L)							
bis(2-Ethylhexyl)phthalate	6	< 2	< 2	< 5.1 cn	< 5	< 5.1	**2.6 J**
Dimethyl phthalate	NA	< 10	**1.4 J**	< 5.1	< 5	< 5.1	< 5.2
Di-n-butylphthalate (DBP)	90	< 10	**3.1 J**	< 5.1 cn	< 5 cn	< 5.1	< 5.2 cn
Fluoranthene	80	< 10	< 10	< 0.51	**0.11 J**	< 0.51	< 0.52
Pyrene	12	< 10	< 10	< 0.51	**0.1 J**	< 0.51	< 0.52
Inorganic Compounds - Dissolved (µg/L)							
Aluminum, Dissolved	2000	< 25	< 25	**17 J**	< 25	< 25	< 25
Antimony, Dissolved	6	< 1	< 1	**0.23 J**	< 1	< 1	< 1
Arsenic, Dissolved	10	< 2	< 2	**1.6 J**	< 2	< 2	< 2
Barium, Dissolved	2000	**36**	**36**	**10**	**31**	**31**	**46**
Beryllium, Dissolved	4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium, Dissolved	5	< 0.5	< 0.5	**0.29 J**	< 0.5	< 0.5	< 0.5
Chromium, Dissolved	100	< 2	< 2	**0.77 J**	< 2	< 2	< 2
Cobalt, Dissolved	NA	**3.1**	< 0.5	**0.19 J**	< 0.5	< 0.5	< 0.5
Copper, Dissolved	1300	< 1	**0.72 J**	**13**	**0.64 J**	**0.58 J**	**0.58 J**
Lead, Dissolved	15	< 0.5	< 0.5	**0.29 J**	< 0.5	< 0.5	< 0.5
Manganese, Dissolved	43	**760**	**2**	**19**	**1.7 J**	**1.3 J**	**1.2 J**
Nickel, Dissolved	39	**6.1**	**1.8**	**1.6**	**1.4**	**1.6**	**1.7**
Silver, Dissolved	9.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Thallium, Dissolved	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Zinc, Dissolved	600	**4.6 J**	**10**	**64**	**5.3 J**	< 10	**4.2 J**
Inorganic Compounds - Undissolved (µg/L)							
Aluminum, Total	2000	**22000**	**3400**	**350**	**270**	**530**	**150**
Antimony, Total	6	**6.1**	**0.82 J**	**0.26 J**	< 1	< 1	< 1
Arsenic, Total	10	**42**	**6.2**	**2.2**	**1.6 J**	**2.4**	**0.88 J**
Barium, Total	2000	**510**	**74**	**11**	**41**	**49**	**48**
Beryllium, Total	4	**4.1**	**0.46 J**	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium, Total	5	**13**	**0.97**	**0.27 J**	**0.25 J**	**0.29 J**	< 0.5
Chromium, Total	100	**310**	**43**	**1.4 J**	**2.8**	**5.5**	**1.8 J**
Cobalt, Total	NA	**28**	**3.2**	**0.44 J**	**1.3**	**1.7**	**0.53**
Copper, Total	1300	**180**	**11**	**14**	**2.8**	**4.1**	**0.74 J**
Lead, Total	15	**440**	**38**	**1.2**	**7.9**	**14**	**2.4**
Manganese, Total	43	**1500 B**	**340 B**	**22**	**270**	**310**	**160**
Mercury, Total	2	< 0.2	**0.089 J**	< 0.2	< 0.2	< 0.2	< 0.2
Nickel, Total	39	**150**	**14**	**1.8**	**4.4**	**5.3**	**2.6**
Silver, Total	9.4	**0.28 J**	< 0.5	**0.15 J**	< 0.5	< 0.5	< 0.5
Thallium, Total	2	**0.2 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Zinc, Total	600	**1600**	**110**	**73**	**25**	**39**	**11**

Notes and Abbreviations:

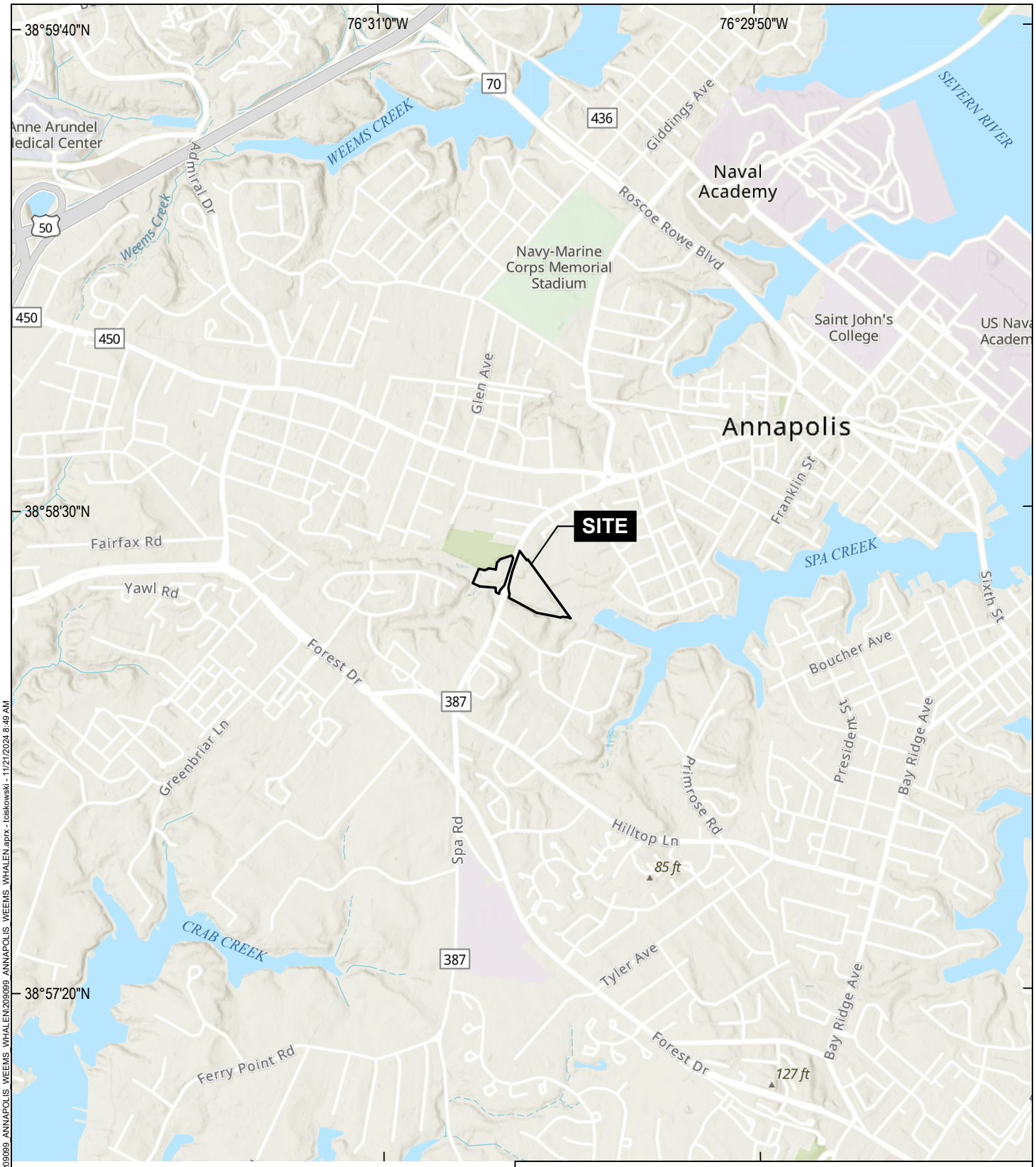
µg/L: microgram per liter

-: Not Analyzed
bgs: below ground surface
ft: feet
MDE: State of Maryland Department of the Environment
NA: Not Applicable
< 2.5: Not detected, number is the laboratory reporting limit
J: Result is estimated between the method detection limit and laboratory reporting limit

- Analytes detected in Volatile and Semi-Volatile Organics for at least one sample are reported herein. For a complete list of analytes see the laboratory data sheets.
- For test methods used, see the laboratory data sheets.

J: Result is estimated between the method detection limit and laboratory reporting limit
cn: Refer to lab case narative for further detail
**+: LCS and/or LCSD is outside acceptance limits, high biased*
B: Compound was found in blank and sample

FIGURES



MAP SOURCE: ESRI
SITE COORDINATES: 38°58'18"N, 76°30'32"W

HALEY ALDRICH

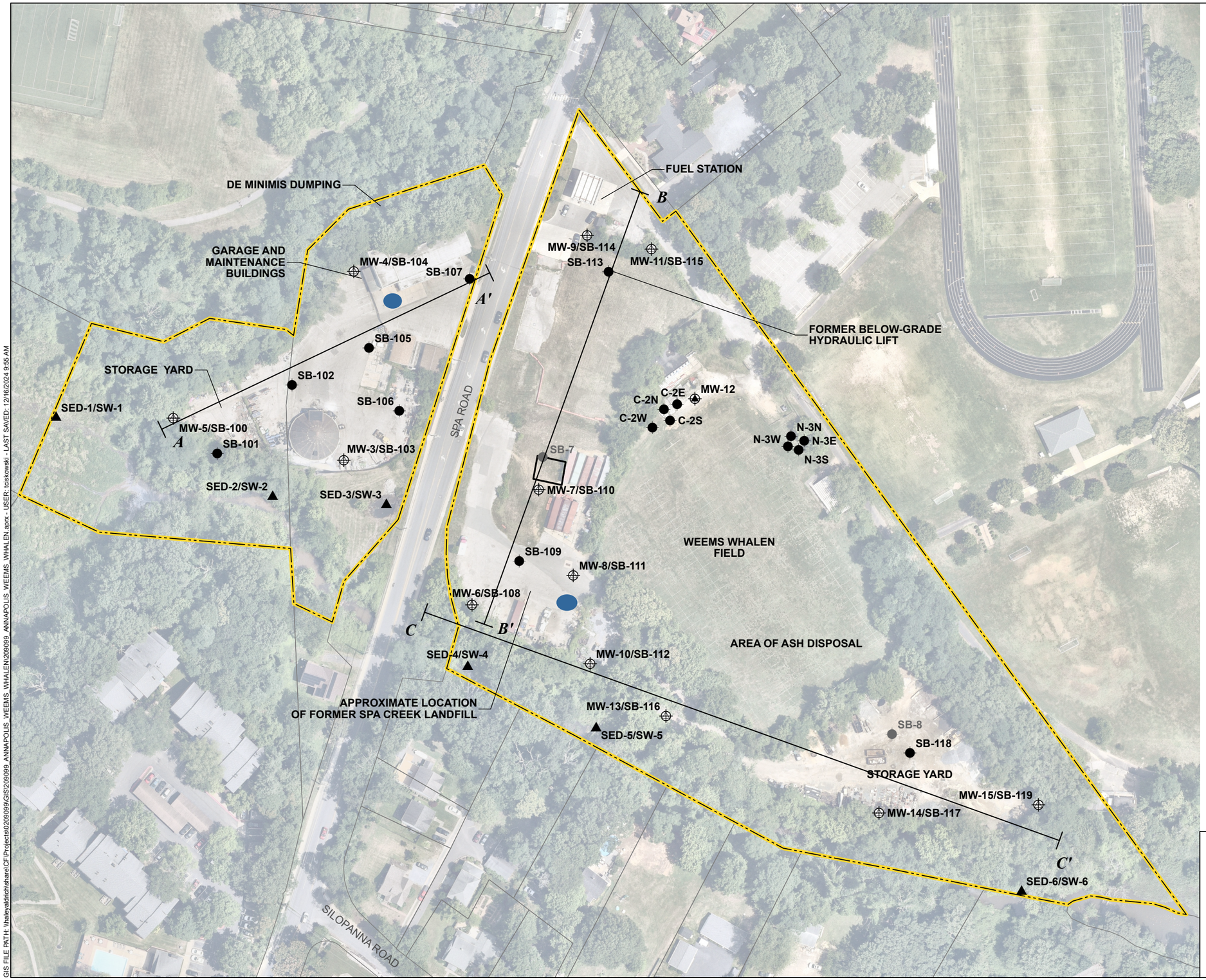
932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

PROJECT LOCATION

APPROXIMATE SCALE: 1 IN = 2000 FT
NOVEMBER 2024

FIGURE 1

GIS: \\haleyaldrich\share\CF\Projects\0209099\GIS\209099_ANNAPOLIS_WEEMS_WHALEN\209099_ANNAPOLIS_WEEMS_WHALEN.aprx - tciskowski - 11/21/2024 8:49 AM



LEGEND

- MONITORING WELL AND SOIL BORING
- MONITORING WELL
- SOIL BORING
- SEDIMENT AND SURFACE WATER SAMPLE
- HISTORIC SOIL BORING
- CROSS SECTION
- FORMER INCINERATOR
- REPORTED OIL/WATER SEPARATOR
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. FOUR EXPLORATORY SOIL BORINGS WERE INSTALLED AT THE SB-113 LOCATION TO INVESTIGATE THE FORMER HYDRAULIC LIFT. A SINGLE LOCATION WAS SELECTED FOR THE SAMPLE BASED ON FIELD OBSERVATION.

3. HISTORIC SOIL BORING DATA SOURCE: SOIL BORING LOCATION PLAN, HILLIS CARNES ENGINEERING ASSOCIATES, 2019

4. MONITORING WELLS, SOIL BORINGS, AND SURFACE SAMPLES SURVEYED BY BOWMAN CONSULTING, 7 NOVEMBER 2024

5. PARCEL DATA SOUCE: CITY OF ANNAPOLIS GEOGRAPHIC INFORMATION SYSTEMS

6. AERIAL IMAGERY SOURCE: NEARMAP, 15 JUNE 2024

N

0 120 240
SCALE IN FEET

HALEY ALDRICH

932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

SITE PLAN AND SAMPLING LOCATIONS

DECEMBER 2024

FIGURE 2

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0209099\GIS\209099_ANNAPOLIS_WEEMS_WHALEN\209099_ANNAPOLIS_WEEMS_WHALEN.aprx - USER: tciskowski - LAST SAVED: 12/16/2024 9:55 AM

LEGEND

- MONITORING WELL
- SOIL BORING
- HISTORIC SOIL BORING
- REPORTED OIL/WATER SEPARATOR
- SITE BOUNDARY

NOTES

1. HISTORICAL LOCATIONS ARE APPROXIMATE.

2. HISTORIC SOIL BORING DATA SOURCES: SOIL BORING LOCATION PLAN, HILLIS CARNES ENGINEERING ASSOCIATES, 2019.
PUBLIC WORKS COVER SOIL INVESTIGATION, HILLIS CARNES ENGINEERING ASSOCIATES, 2019.
WEEMS WHALEN ARSENIC INVESTIGATION REPORT, HILLIS CARNES ENGINEERING ASSOCIATES, 2023.

3. PARCEL DATA SOUCE: CITY OF ANNAPOLIS GEOGRAPHIC INFORMATION SYSTEMS

4. AERIAL IMAGERY SOURCE: NEARMAP, 25 OCTOBER 2024

N

0 60 120
SCALE IN FEET

HALEY ALDRICH

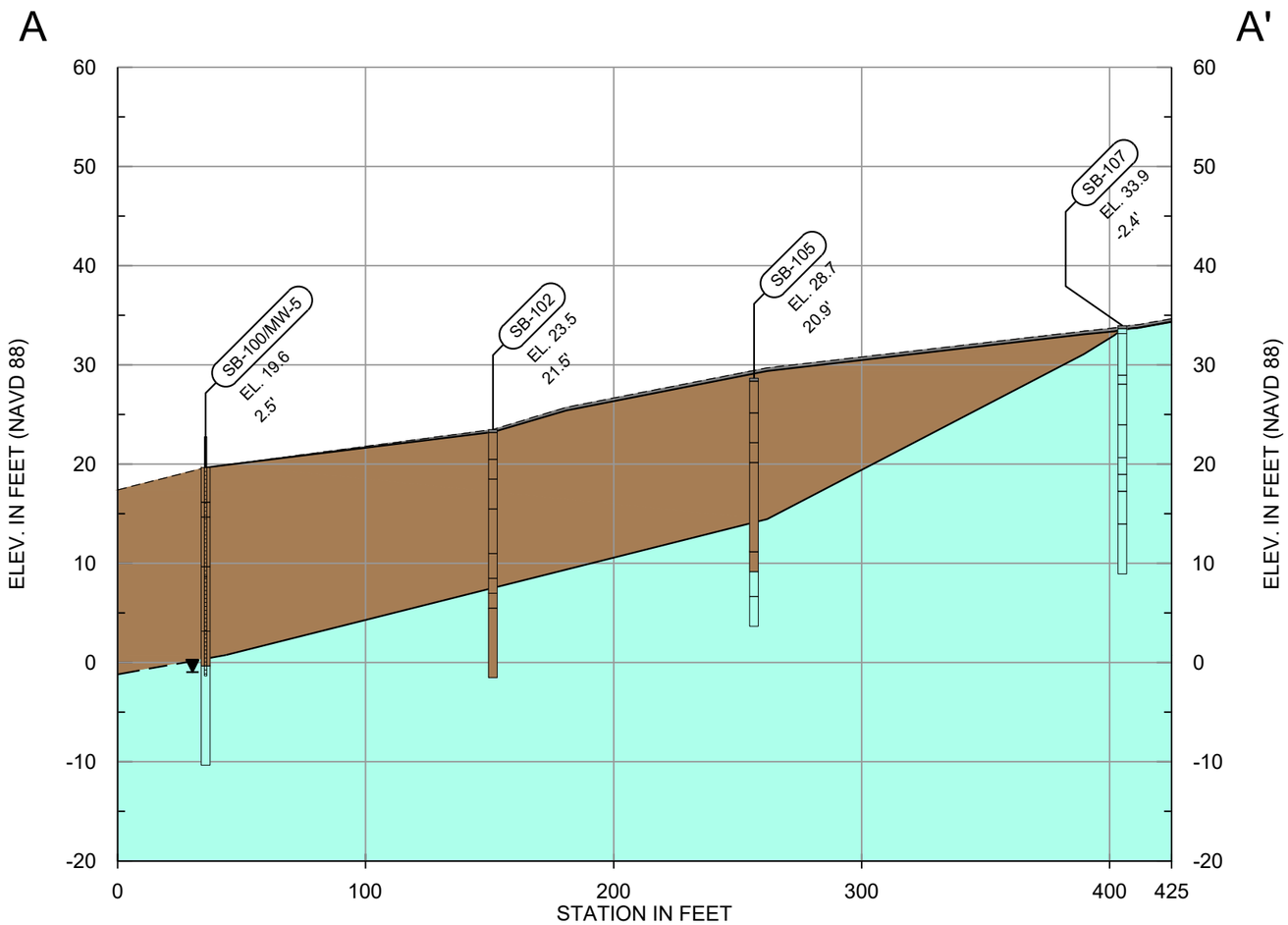
932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

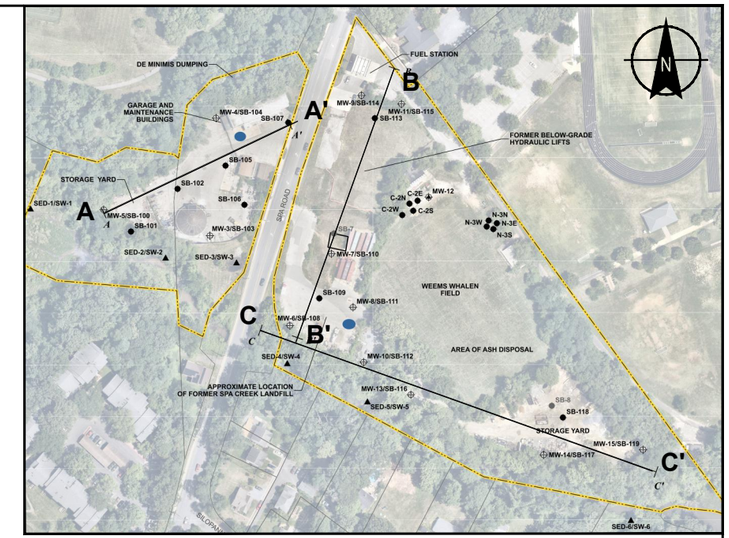
WEEMS-WHALEN FIELD
SAMPLING LOCATIONS

JANUARY 2025

FIGURE 3

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0209099\GIS\209099_ANNAPOLIS_WEEMS_WHALEN\209099_ANNAPOLIS_WEEMS_WHALEN.aprx - USER: tciskowski - LAST SAVED: 1/4/2025 8:44 PM





KEY PLAN

SCALE: AS SHOWN

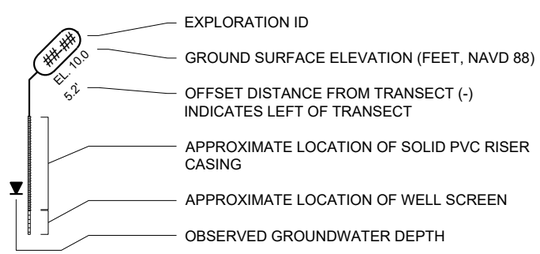
0 300 600

SCALE IN FEET

LEGEND

- OVERBURDEN (ASPHALT/TOPSOIL)
- FILL
- NATIVE SOIL
- EXISTING GROUND SURFACE
- INTERPRETED STRATA BREAK
- EXTRAPOLATED STRATA BREAK

WELL STICK LEGEND



NOTES

1. EXISTING CONDITIONS BASE MAP TAKEN ARCGIS.
2. ELEVATIONS ARE IN FEET AND REFERENCE THE NORTH AMERICAN DATUM OF 1988 (NAVD88). THE HORIZONTAL CONTROL REFERENCES THE NORTH AMERICAN DATUM OF 1983, MARYLAND STATE PLANE (NAD83).
3. OFFSET DISTANCES INDICATED ARE MEASURED FROM THE PLAN LOCATION OF THE PROFILE LINE, PERPENDICULAR TO THE LINE
4. SUBSURFACE PROFILES DEPICT THE GENERAL GEOLOGIC CONDITIONS AT THE SITE AND ARE BASED ON THE INTERPRETATION OF DATA ENCOUNTERED IN THE EXPLORATIONS. LINES REPRESENTING INTERFACES BETWEEN STRATA ARE BASED UPON INTERPOLATION BETWEEN ADJACENT EXPLORATIONS.

HORIZ. 0 60 120
VERT. 0 15 30
SCALE IN FEET

HALEY ALDRICH

932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

SUBSURFACE CROSS-SECTION A-A'

SCALE: AS SHOWN
JANUARY 2025

FIGURE 4

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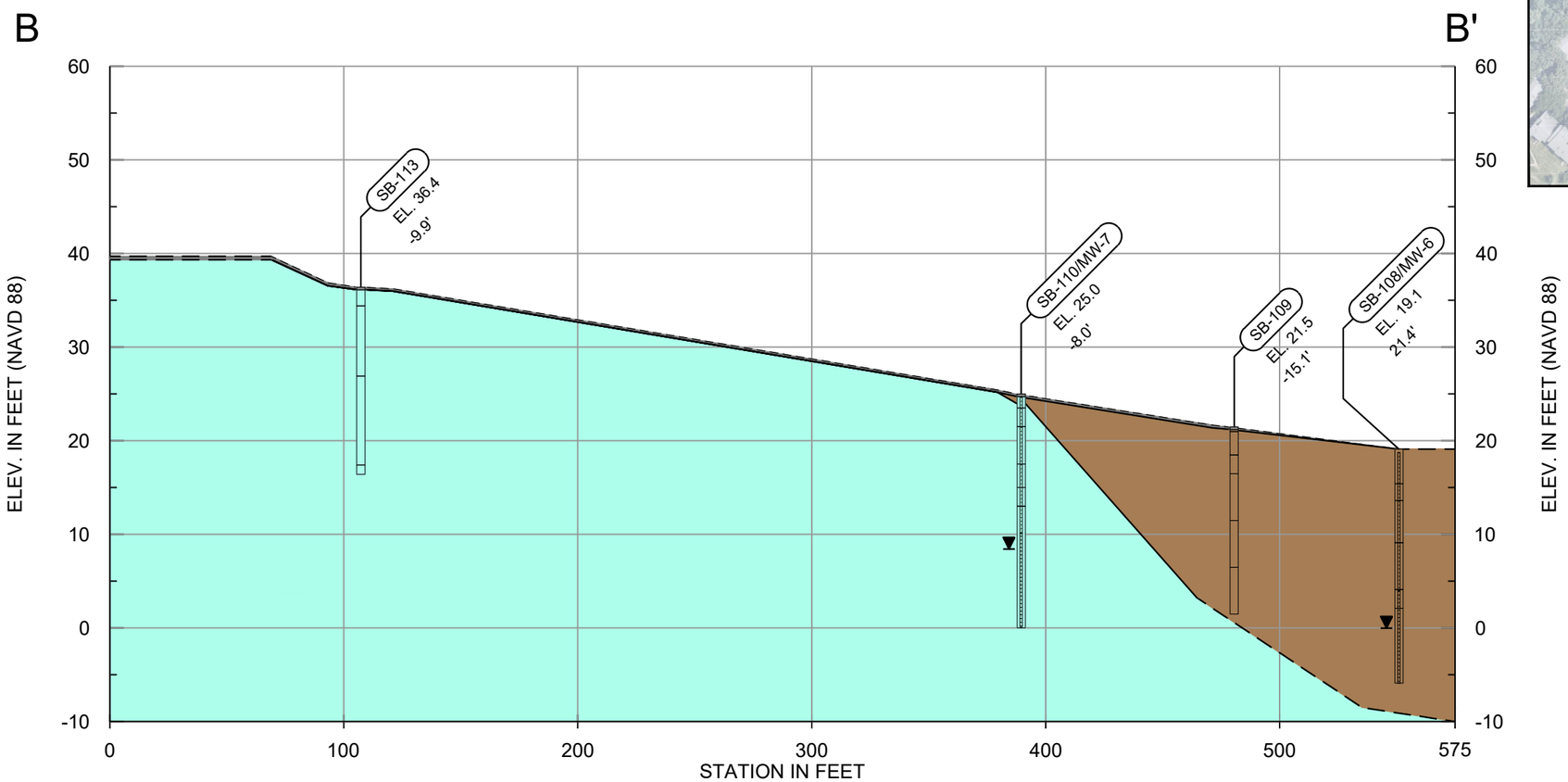
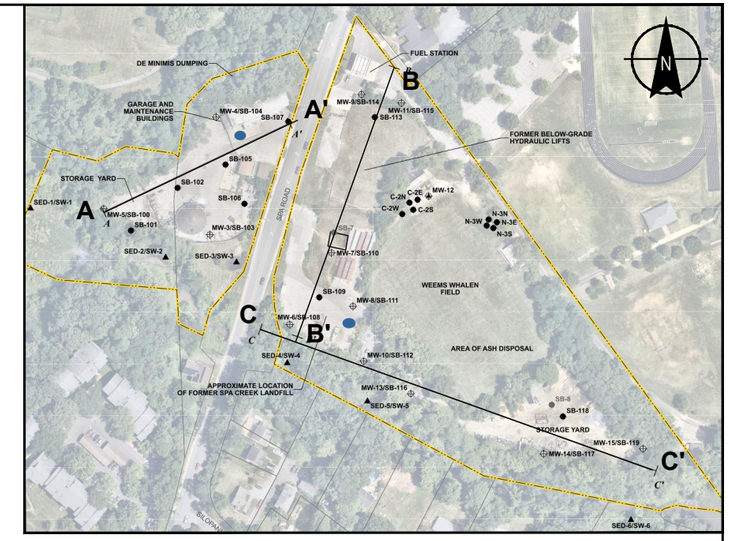
\\HALEYALDRICH.COM\SHARE\CF\PROJECTS\0209099\CAD\FIGURES\209099_001_0003-SECTIONS.DWG





KEY PLAN

SCALE: AS SHOWN

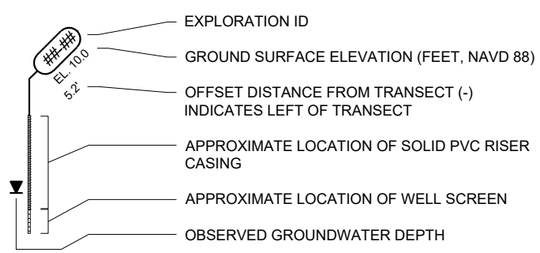
0 300 600

SCALE IN FEET

LEGEND

- OVERBURDEN (ASPHALT/TOPSOIL)
- FILL
- NATIVE SOIL
- EXISTING GROUND SURFACE
- INTERPRETED STRATA BREAK
- EXTRAPOLATED STRATA BREAK

WELL STICK LEGEND



NOTES

1. EXISTING CONDITIONS BASE MAP TAKEN ARCGIS.
2. ELEVATIONS ARE IN FEET AND REFERENCE THE NORTH AMERICAN DATUM OF 1988 (NAVD88). THE HORIZONTAL CONTROL REFERENCES THE NORTH AMERICAN DATUM OF 1983, MARYLAND STATE PLANE (NAD83).
3. OFFSET DISTANCES INDICATED ARE MEASURED FROM THE PLAN LOCATION OF THE PROFILE LINE, PERPENDICULAR TO THE LINE
4. SUBSURFACE PROFILES DEPICT THE GENERAL GEOLOGIC CONDITIONS AT THE SITE AND ARE BASED ON THE INTERPRETATION OF DATA ENCOUNTERED IN THE EXPLORATIONS. LINES REPRESENTING INTERFACES BETWEEN STRATA ARE BASED UPON INTERPOLATION BETWEEN ADJACENT EXPLORATIONS.

HORIZ. 0 60 120
VERT. 0 15 30
SCALE IN FEET

HALEY ALDRICH

932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

SUBSURFACE CROSS-SECTION B-B'

SCALE: AS SHOWN
JANUARY 2025

FIGURE 5

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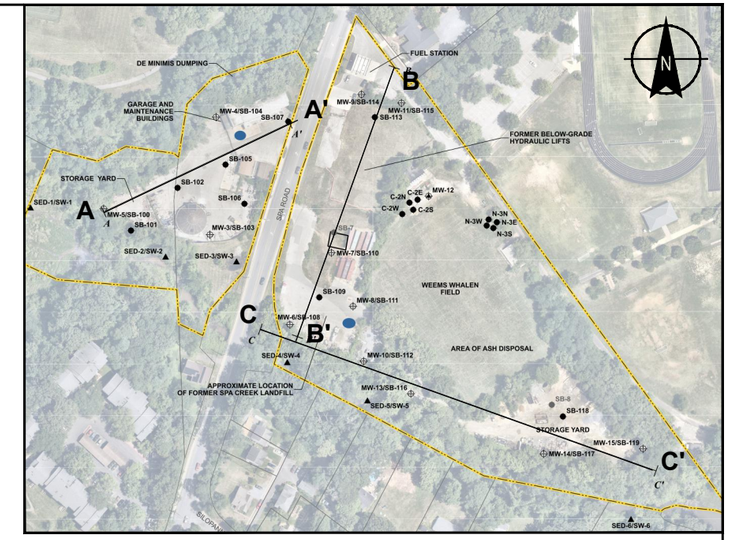
\\HALEYALDRICH.COM\SHARE\CF\PROJECTS\0209099\CAD\FIGURES\209099_001_0003-SECTIONS.DWG

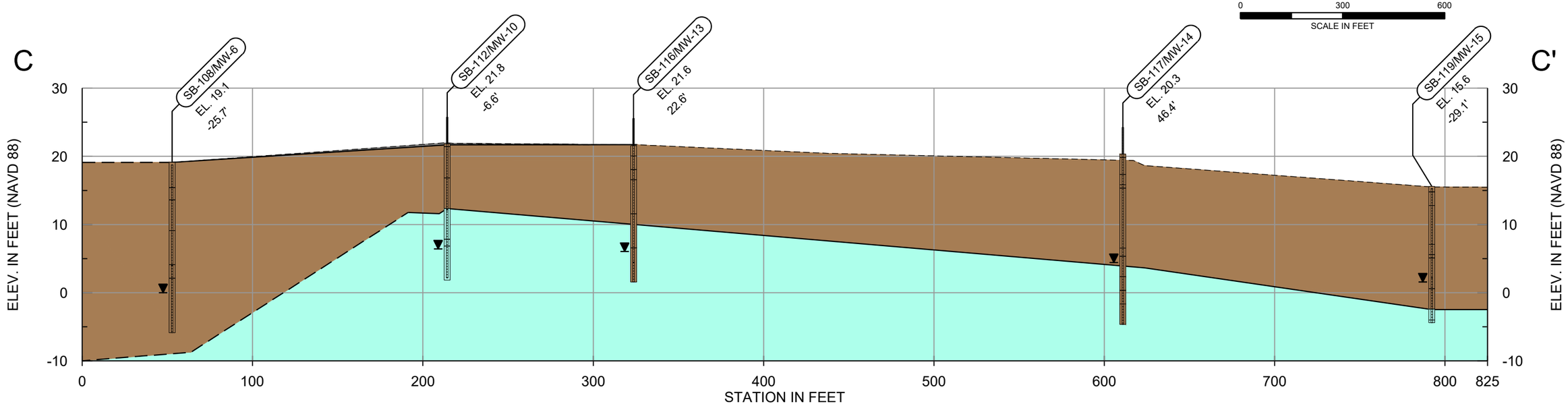


KEY PLAN

SCALE: AS SHOWN

0 300 600

SCALE IN FEET



HORIZ. 0 60 120

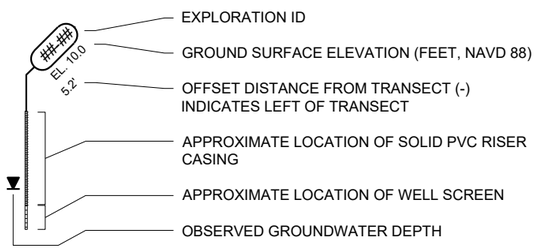
VERT. 0 15 30

SCALE IN FEET

LEGEND

- OVERBURDEN (ASPHALT/TOPSOIL)
- FILL
- NATIVE SOIL
- EXISTING GROUND SURFACE
- INTERPRETED STRATA BREAK
- EXTRAPOLATED STRATA BREAK

WELL STICK LEGEND



NOTES

1. EXISTING CONDITIONS BASE MAP TAKEN ARCGIS.
2. ELEVATIONS ARE IN FEET AND REFERENCE THE NORTH AMERICAN DATUM OF 1988 (NAVD88). THE HORIZONTAL CONTROL REFERENCES THE NORTH AMERICAN DATUM OF 1983, MARYLAND STATE PLANE (NAD83).
3. OFFSET DISTANCES INDICATED ARE MEASURED FROM THE PLAN LOCATION OF THE PROFILE LINE, PERPENDICULAR TO THE LINE
4. SUBSURFACE PROFILES DEPICT THE GENERAL GEOLOGIC CONDITIONS AT THE SITE AND ARE BASED ON THE INTERPRETATION OF DATA ENCOUNTERED IN THE EXPLORATIONS. LINES REPRESENTING INTERFACES BETWEEN STRATA ARE BASED UPON INTERPOLATION BETWEEN ADJACENT EXPLORATIONS.

HALEY ALDRICH

932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

SUBSURFACE CROSS-SECTION C-C'

SCALE: AS SHOWN
JANUARY 2025

FIGURE 6

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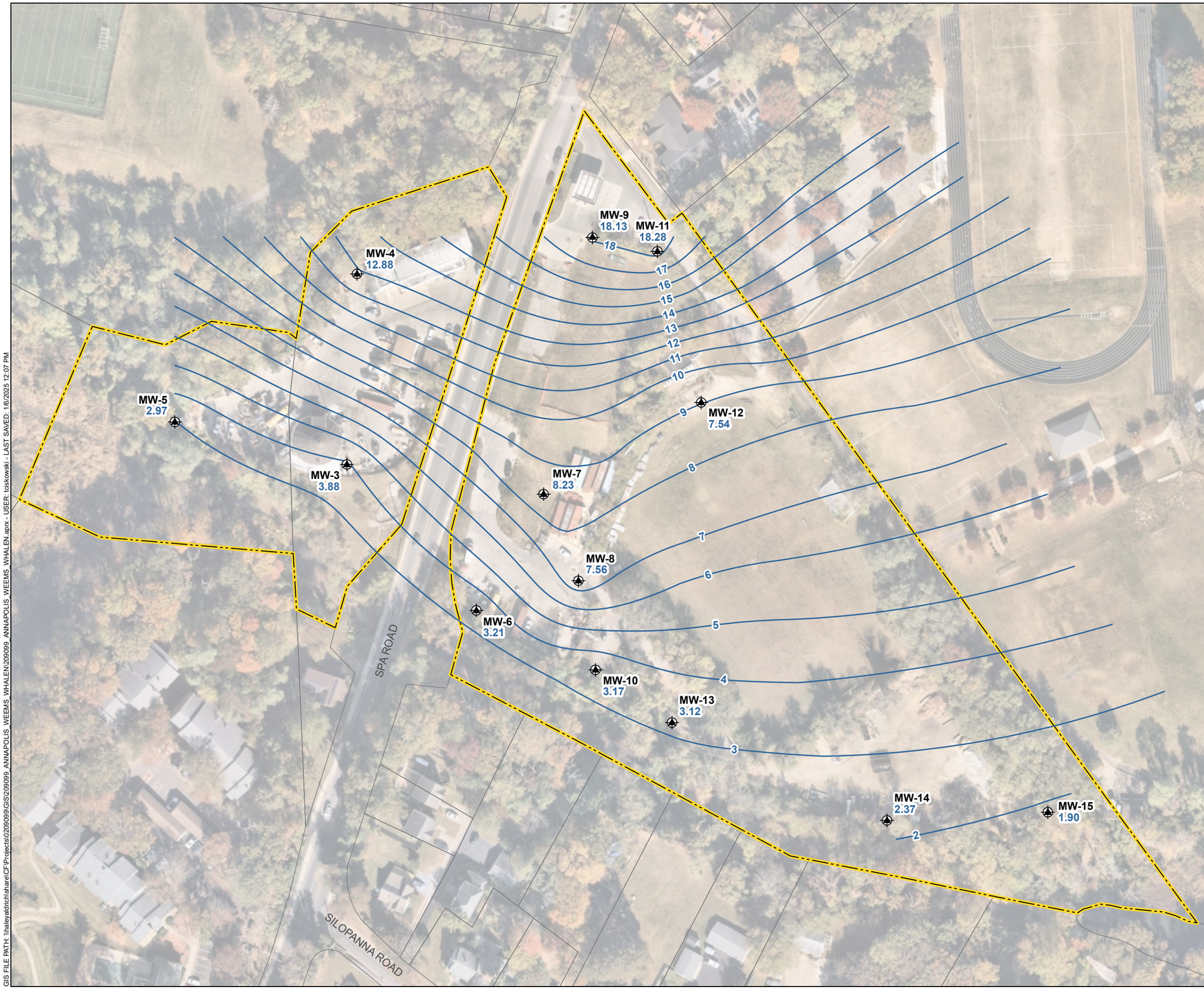
\\HALEYALDRICH.COM\SHARE\CF\PROJECTS\0209099\CAD\FIGURES\209099_001_0003-SECTIONS.DWG



LEGEND

- MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- GROUNDWATER ELEVATION CONTOUR
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. GROUNDWATER ELEVATIONS MEASURED 5 NOVEMBER 2024
2. GROUNDWATER ELEVATION DATA FROM MW-12 IS NOT INCLUDED IN THE DETERMINATION OF THE GROUNDWATER ELEVATION CONTOURS DUE TO ANOMALOUS DEPTH TO GROUNDWATER READING.
3. MONITORING WELLS SURVEYED BY BOWMAN CONSULTING, 7 NOVEMBER 2024
4. PARCEL DATA SOUCE: CITY OF ANNAPOLIS GEOGRAPHIC INFORMATION SYSTEMS
5. AERIAL IMAGERY SOURCE: NEARMAP, 25 OCTOBER 2024

N

0 120 240
SCALE IN FEET

HALEY ALDRICH

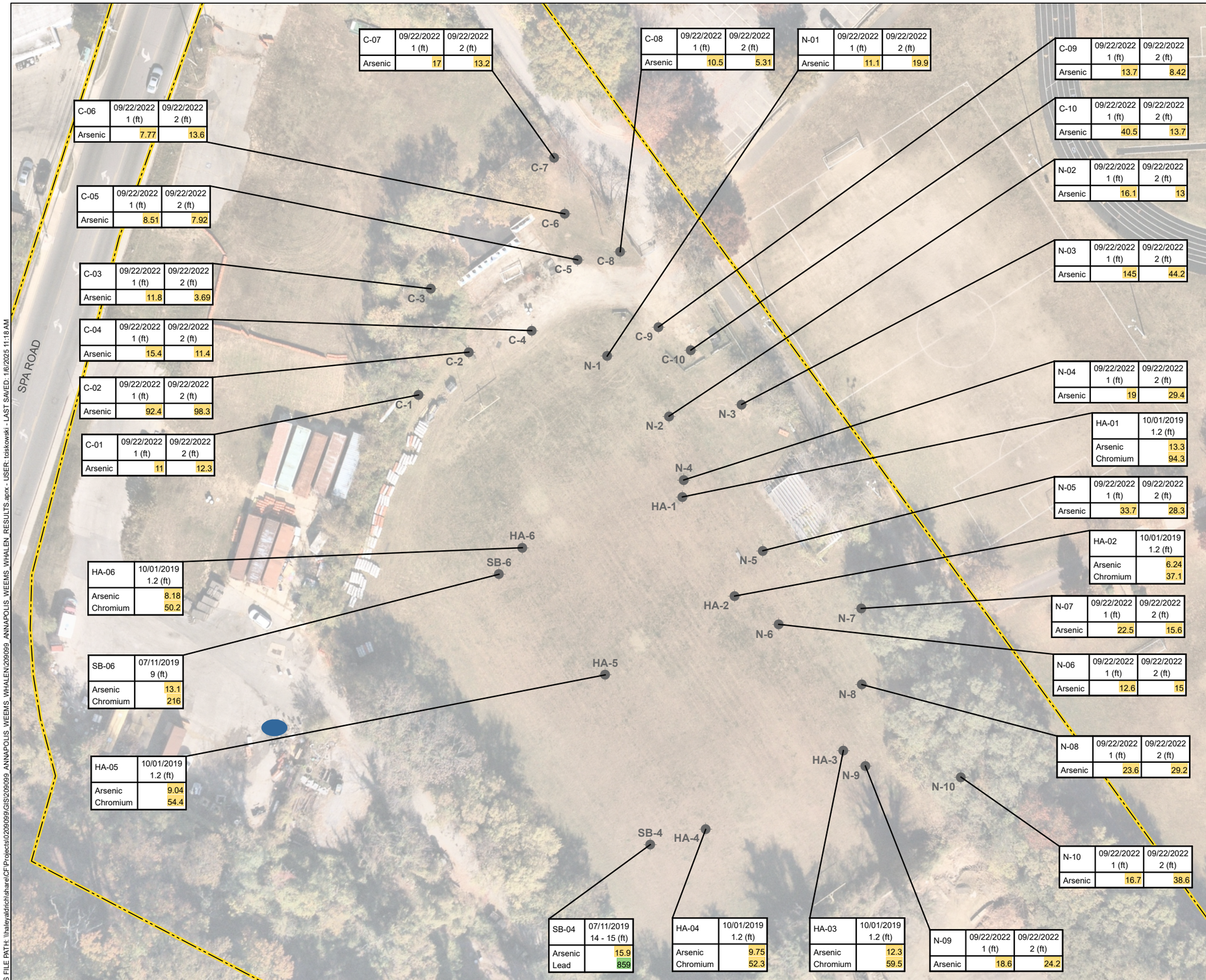
932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

GROUNDWATER ELEVATION CONTOUR MAP

JANUARY 2025

FIGURE 7

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0209099\GIS\209099_ANNAPOLIS_WEEMS_WHALEN\209099_ANNAPOLIS_WEEMS_WHALEN.aprx - USER: tsiskowski - LAST SAVED: 1/6/2025 12:07 PM



C-07	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	17	13.2

C-08	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	10.5	5.31

N-01	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	11.1	19.9

C-06	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	7.77	13.6

C-05	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	8.51	7.92

C-03	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	11.8	3.69

C-04	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	15.4	11.4

C-02	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	92.4	98.3

C-01	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	11	12.3

HA-06	10/01/2019 1.2 (ft)
Arsenic	8.18
Chromium	50.2

SB-06	07/11/2019 9 (ft)
Arsenic	13.1
Chromium	216

HA-05	10/01/2019 1.2 (ft)
Arsenic	9.04
Chromium	54.4

SB-04	07/11/2019 14 - 15 (ft)
Arsenic	15.9
Lead	859

HA-04	10/01/2019 1.2 (ft)
Arsenic	9.75
Chromium	52.3

HA-03	10/01/2019 1.2 (ft)
Arsenic	12.3
Chromium	59.5

N-09	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	18.6	24.2

C-09	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	13.7	8.42

C-10	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	40.5	13.7

N-02	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	16.1	13

N-03	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	145	44.2

N-04	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	19	29.4

HA-01	10/01/2019 1.2 (ft)
Arsenic	13.3
Chromium	94.3

N-05	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	33.7	28.3

HA-02	10/01/2019 1.2 (ft)
Arsenic	6.24
Chromium	37.1

N-07	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	22.5	15.6

N-06	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	12.6	15

N-08	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	23.6	29.2

N-10	09/22/2022 1 (ft)	09/22/2022 2 (ft)
Arsenic	16.7	38.6

LEGEND

- HISTORICAL SOIL BORING
- REPORTED OIL/WATER SEPARATOR
- SITE BOUNDARY

NOTES

1. HISTORICAL LOCATIONS ARE APPROXIMATE.

2. DEFINITIONS:
mg/kg = MILLIGRAMS PER KILOGRAM
FT = FEET
MDE = MARYLAND DEPARTMENT OF THE ENVIRONMENT
NA = NOT APPLICABLE
ATC = ANTICIPATED TYPICAL CONCENTRATION

3. DATA QUALIFIER DEFINITIONS PROVIDED IN THE FOOTNOTES OF TABLES.

4. CONCENTRATIONS ARE REPORTED IN mg/kg.

5. RESULTS SHOWN IN GREEN ARE EXCEEDANCES OF MDE RESIDENTIAL SOIL STANDARDS.

6. RESULTS SHOWN IN YELLOW ARE EXCEEDANCES OF THE ATC STANDARDS.

7. ONLY CONCENTRATIONS THAT EXCEED THE MDE RESIDENTIAL STANDARD/ANTICIPATED TYPICAL CONCENTRATION (ATC) ARE SHOWN. THE MDE RESIDENTIAL SOIL STANDARDS/ATC ARE AS FOLLOWS (IN mg/kg):
ARSENIC = 0.68/3.6
CHROMIUM, TOTAL = NA/28
LEAD = 400/NA

8. HISTORICAL SOIL BORING DATA SOURCES: "SOIL BORING LOCATION PLAN", HILLIS CARNES ENGINEERING ASSOCIATES, 2019.
"PUBLIC WORKS COVER SOIL INVESTIGATION", HILLIS CARNES ENGINEERING ASSOCIATES, 2019.
"WEEMS WHALEN ARSENIC INVESTIGATION REPORT", HILLIS CARNES ENGINEERING ASSOCIATES, 2023.

9. AERIAL IMAGERY SOURCE: NEARMAP, 25 OCTOBER 2024

N

0 60 120
SCALE IN FEET

HALEY ALDRICH

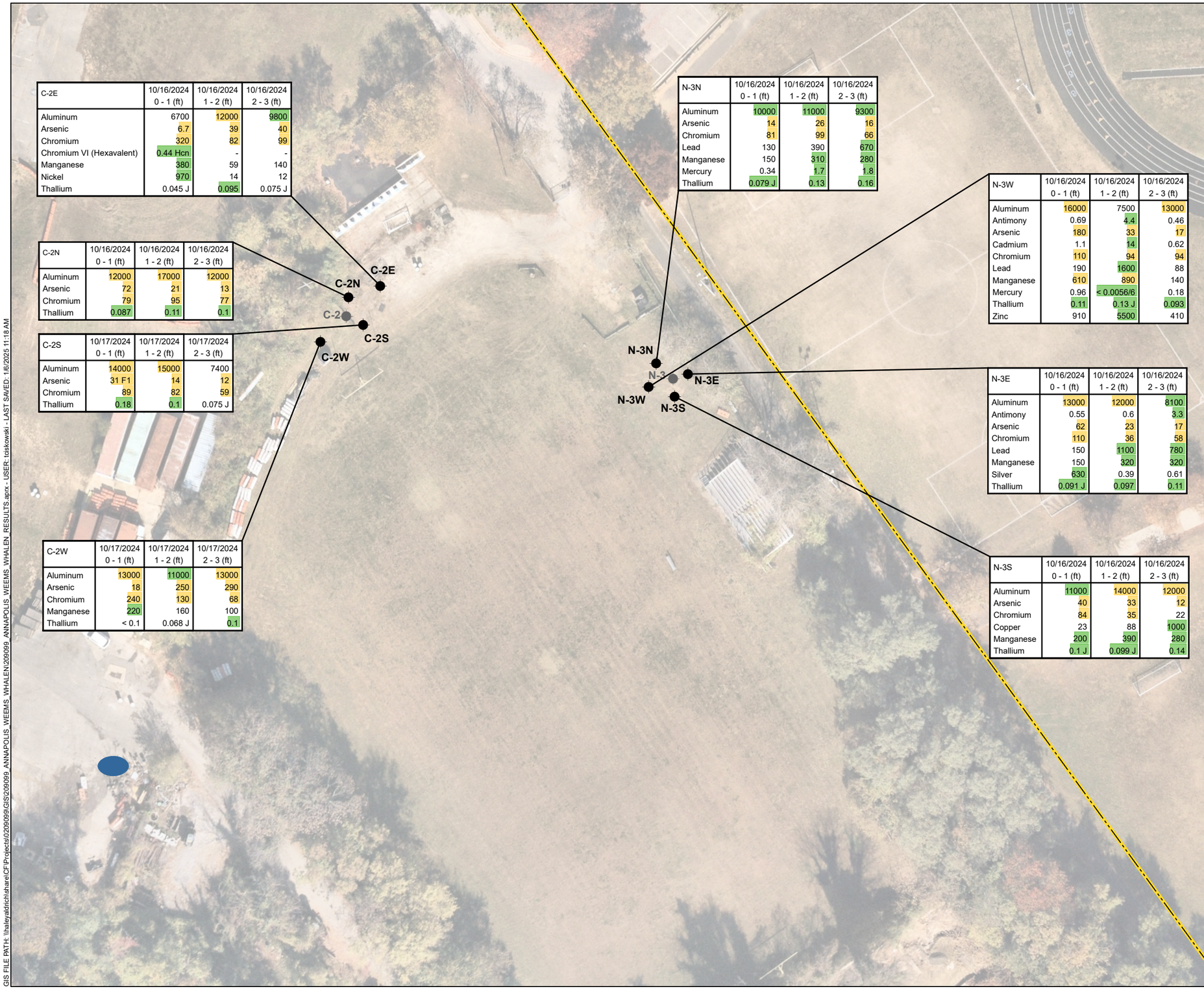
932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

WEEMS-WHALEN FIELD SOIL
HISTORICAL SAMPLING RESULTS

JANUARY 2025

FIGURE 8

GIS FILE PATH: \\haleyaldrich\share\CFIProjects\0209099\GIS\209099_ANNAPOLIS_WEEMS_WHALEN\209099_ANNAPOLIS_WEEMS_WHALEN_RESULTS.aprx - USER: tziskowski - LAST SAVED: 1/6/2025 11:18 AM



C-2E	10/16/2024 0 - 1 (ft)	10/16/2024 1 - 2 (ft)	10/16/2024 2 - 3 (ft)
Aluminum	6700	12000	9800
Arsenic	6.7	39	40
Chromium	320	82	99
Chromium VI (Hexavalent)	0.44 Hcn	-	-
Manganese	380	59	140
Nickel	970	14	12
Thallium	0.045 J	0.095	0.075 J

C-2N	10/16/2024 0 - 1 (ft)	10/16/2024 1 - 2 (ft)	10/16/2024 2 - 3 (ft)
Aluminum	12000	17000	12000
Arsenic	72	21	13
Chromium	79	95	77
Thallium	0.087	0.11	0.1

C-2S	10/17/2024 0 - 1 (ft)	10/17/2024 1 - 2 (ft)	10/17/2024 2 - 3 (ft)
Aluminum	14000	15000	7400
Arsenic	31 F1	14	12
Chromium	89	82	59
Thallium	0.18	0.1	0.075 J

C-2W	10/17/2024 0 - 1 (ft)	10/17/2024 1 - 2 (ft)	10/17/2024 2 - 3 (ft)
Aluminum	13000	11000	13000
Arsenic	18	250	290
Chromium	240	130	68
Manganese	220	160	100
Thallium	< 0.1	0.068 J	0.1

N-3N	10/16/2024 0 - 1 (ft)	10/16/2024 1 - 2 (ft)	10/16/2024 2 - 3 (ft)
Aluminum	10000	11000	9300
Arsenic	14	26	16
Chromium	81	99	66
Lead	130	390	670
Manganese	150	310	280
Mercury	0.34	1.7	1.8
Thallium	0.079 J	0.13	0.16

N-3W	10/16/2024 0 - 1 (ft)	10/16/2024 1 - 2 (ft)	10/16/2024 2 - 3 (ft)
Aluminum	16000	7500	13000
Antimony	0.69	4.4	0.46
Arsenic	180	33	17
Cadmium	1.1	14	0.62
Chromium	110	94	94
Lead	190	1600	88
Manganese	610	890	140
Mercury	0.96	< 0.0056/6	0.18
Thallium	0.11	0.13 J	0.093
Zinc	910	5500	410

N-3E	10/16/2024 0 - 1 (ft)	10/16/2024 1 - 2 (ft)	10/16/2024 2 - 3 (ft)
Aluminum	13000	12000	8100
Antimony	0.55	0.6	3.3
Arsenic	62	23	17
Chromium	110	36	58
Lead	150	1100	780
Manganese	150	320	320
Silver	630	0.39	0.61
Thallium	0.091 J	0.097	0.11

N-3S	10/16/2024 0 - 1 (ft)	10/16/2024 1 - 2 (ft)	10/16/2024 2 - 3 (ft)
Aluminum	11000	14000	12000
Arsenic	40	33	12
Chromium	84	35	22
Copper	23	88	1000
Manganese	200	390	280
Thallium	0.1 J	0.099 J	0.14

LEGEND

- SOIL BORING
- HISTORICAL SOIL BORING
- REPORTED OIL/WATER SEPARATOR
- SITE BOUNDARY

NOTES

1. HISTORICAL LOCATIONS ARE APPROXIMATE.
2. DEFINITIONS:
mg/kg = MILLIGRAMS PER KILOGRAM
FT = FEET
NA = NOT APPLICABLE
ATC = ANTICIPATED TYPICAL CONCENTRATION
MDE = MARYLAND DEPARTMENT OF THE ENVIRONMENT
3. DATA QUALIFIER DEFINITIONS PROVIDED IN THE FOOTNOTES IN TABLES.
4. CONCENTRATIONS ARE REPORTED IN mg/kg.
5. RESULTS SHOWN IN GREEN ARE EXCEEDANCES OF MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) RESIDENTIAL SOIL STANDARDS.
6. RESULTS SHOWN IN YELLOW ARE EXCEEDANCES OF THE ANTICIPATED TYPICAL CONCENTRATION (ATC) STANDARDS.
7. ONLY LOCATIONS THAT EXCEED THE MDE RESIDENTIAL STANDARD/ ANTICIPATED TYPICAL CONCENTRATION (ATC) ARE SHOWN. THE MDE RESIDENTIAL SOIL STANDARDS/ATC ARE AS FOLLOWS (IN mg/kg):
ALUMINUM = 7700/11000
ANTIMONY = 3.1/NA
ARSENIC = 0.68/3.6
CADMIUM = 7.1/NA
CHROMIUM, TOTAL = NA/28
HEXAVALENT CHROMIUM = 0.3/NA
COPPER = 310/NA
LEAD = 400/NA
MANGANESE = 180/480
MERCURY = 1.1/NA
ELEMENTAL MERCURY = 1.1/NA
NICKEL = 150/NA
SILVER = 39/NA
THALLIUM = 0.078/3.9
ZINC = 2300/NA
8. HISTORICAL SOIL BORING DATA SOURCES: "SOIL BORING LOCATION PLAN", HILLIS CARNES ENGINEERING ASSOCIATES, 2019.
"PUBLIC WORKS COVER SOIL INVESTIGATION", HILLIS CARNES ENGINEERING ASSOCIATES, 2019.
"WEEMS WHALEN ARSENIC INVESTIGATION REPORT", HILLIS CARNES ENGINEERING ASSOCIATES, 2023.
9. AERIAL IMAGERY SOURCE: NEARMAP, 25 OCTOBER 2024

N

0 50 100
SCALE IN FEET

HALEY ALDRICH

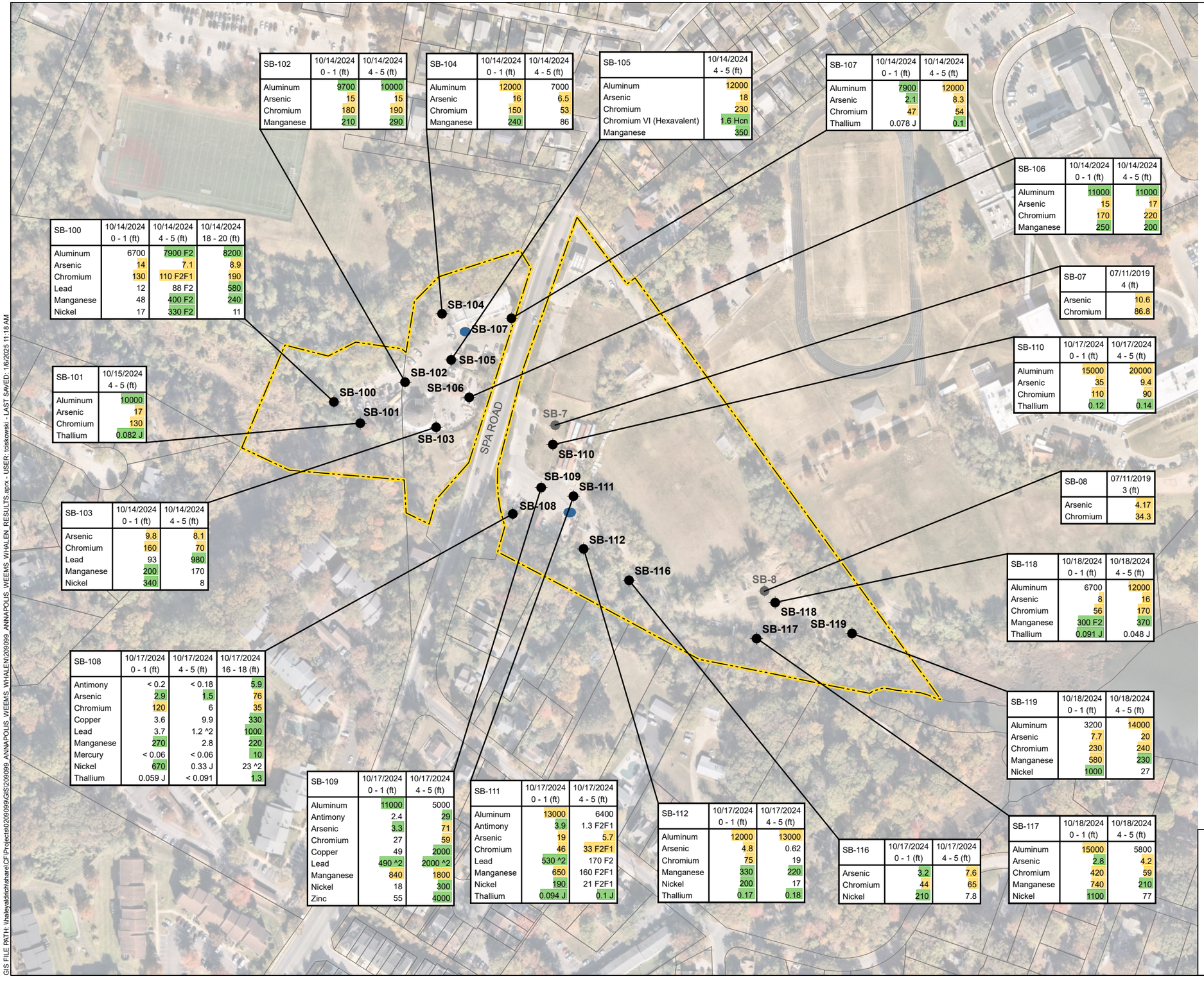
932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

WEEMS-WHALEN FIELD
SOIL 2024 SAMPLING
RESULTS

FIGURE 9

JANUARY 2025

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0209099\GIS\209099_ANNAPOLIS_WEEMS_WHALEN\209099_ANNAPOLIS_WEEMS_WHALEN_RESULTS.aprx - USER: tdzikowski - LAST SAVED: 1/6/2025 11:18 AM



SB-102	10/14/2024 0 - 1 (ft)	10/14/2024 4 - 5 (ft)
Aluminum	9700	10000
Arsenic	15	15
Chromium	180	190
Manganese	210	290

SB-104	10/14/2024 0 - 1 (ft)	10/14/2024 4 - 5 (ft)
Aluminum	12000	7000
Arsenic	16	6.5
Chromium	150	53
Manganese	240	86

SB-105	10/14/2024 4 - 5 (ft)
Aluminum	12000
Arsenic	18
Chromium	230
Chromium VI (Hexavalent)	1.6 Hcn
Manganese	350

SB-107	10/14/2024 0 - 1 (ft)	10/14/2024 4 - 5 (ft)
Aluminum	7900	12000
Arsenic	2.1	8.3
Chromium	47	54
Thallium	0.078 J	0.1

SB-106	10/14/2024 0 - 1 (ft)	10/14/2024 4 - 5 (ft)
Aluminum	11000	11000
Arsenic	15	17
Chromium	170	220
Manganese	250	200

SB-100	10/14/2024 0 - 1 (ft)	10/14/2024 4 - 5 (ft)	10/14/2024 18 - 20 (ft)
Aluminum	6700	7900 F2	8200
Arsenic	14	7.1	8.9
Chromium	130	110 F2F1	190
Lead	12	88 F2	580
Manganese	48	400 F2	240
Nickel	17	330 F2	11

SB-07	07/11/2019 4 (ft)
Arsenic	10.6
Chromium	86.8

SB-101	10/15/2024 4 - 5 (ft)
Aluminum	10000
Arsenic	17
Chromium	130
Thallium	0.082 J

SB-110	10/17/2024 0 - 1 (ft)	10/17/2024 4 - 5 (ft)
Aluminum	15000	20000
Arsenic	35	9.4
Chromium	110	90
Thallium	0.12	0.14

SB-08	07/11/2019 3 (ft)
Arsenic	4.17
Chromium	34.3

SB-103	10/14/2024 0 - 1 (ft)	10/14/2024 4 - 5 (ft)
Arsenic	9.8	8.1
Chromium	160	70
Lead	93	980
Manganese	200	170
Nickel	340	8

SB-118	10/18/2024 0 - 1 (ft)	10/18/2024 4 - 5 (ft)
Aluminum	6700	12000
Arsenic	8	16
Chromium	56	170
Manganese	300 F2	370
Thallium	0.091 J	0.048 J

SB-108	10/17/2024 0 - 1 (ft)	10/17/2024 4 - 5 (ft)	10/17/2024 16 - 18 (ft)
Antimony	< 0.2	< 0.18	5.9
Arsenic	2.9	1.5	76
Chromium	120	6	35
Copper	3.6	9.9	330
Lead	3.7	1.2 ^2	1000
Manganese	270	2.8	220
Mercury	< 0.06	< 0.06	10
Nickel	670	0.33 J	23 ^2
Thallium	0.059 J	< 0.091	1.3

SB-119	10/18/2024 0 - 1 (ft)	10/18/2024 4 - 5 (ft)
Aluminum	3200	14000
Arsenic	7.7	20
Chromium	230	240
Manganese	580	230
Nickel	1000	27

SB-109	10/17/2024 0 - 1 (ft)	10/17/2024 4 - 5 (ft)
Aluminum	11000	5000
Antimony	2.4	29
Arsenic	3.3	71
Chromium	27	59
Copper	49	2000
Lead	490 ^2	2000 ^2
Manganese	840	1800
Nickel	18	300
Zinc	55	4000

SB-111	10/17/2024 0 - 1 (ft)	10/17/2024 4 - 5 (ft)
Aluminum	13000	6400
Antimony	3.9	1.3 F2F1
Arsenic	19	5.7
Chromium	46	33 F2F1
Lead	530 ^2	170 F2
Manganese	650	160 F2F1
Nickel	190	21 F2F1
Thallium	0.094 J	0.1 J

SB-112	10/17/2024 0 - 1 (ft)	10/17/2024 4 - 5 (ft)
Aluminum	12000	13000
Arsenic	4.8	0.62
Chromium	75	19
Manganese	330	220
Nickel	200	17
Thallium	0.17	0.18

SB-116	10/17/2024 0 - 1 (ft)	10/17/2024 4 - 5 (ft)
Arsenic	3.2	7.6
Chromium	44	65
Nickel	210	7.8

SB-117	10/18/2024 0 - 1 (ft)	10/18/2024 4 - 5 (ft)
Aluminum	15000	5800
Arsenic	2.8	4.2
Chromium	420	59
Manganese	740	210
Nickel	1100	77

LEGEND

- SOIL SAMPLE
- HISTORICAL SOIL BORING
- REPORTED OIL/WATER SEPARATOR
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. HISTORICAL LOCATIONS ARE APPROXIMATE.
2. DEFINITIONS:
mg/kg = MILLIGRAMS PER KILOGRAM
FT = FEET
MDE = MARYLAND DEPARTMENT OF THE ENVIRONMENT
NA = NOT APPLICABLE
ATC = ANTICIPATED TYPICAL CONCENTRATION
3. DATA QUALIFIER DEFINITIONS PROVIDED IN THE FOOTNOTES OF TABLES.
4. CONCENTRATIONS ARE REPORTED IN mg/kg.
5. RESULTS SHOWN IN GREEN ARE EXCEEDANCES OF MDE RESIDENTIAL SOIL STANDARDS.
6. RESULTS SHOWN IN YELLOW ARE EXCEEDANCES OF THE ATC STANDARDS.
7. ONLY LOCATIONS WHERE THE MDE RESIDENTIAL STANDARD/ATC ARE EXCEEDED ARE SHOWN. THE MDE RESIDENTIAL SOIL STANDARDS/ATC ARE AS FOLLOWS (IN mg/kg):
ALUMINUM = 7700/11000
ANTIMONY = 3.1/NA
ARSENIC = 0.68/3.6
CHROMIUM, TOTAL = NA/28
HEXAVALENT CHROMIUM = 0.3/NA
COPPER – 310/NA
LEAD = 400/NA
MANGANESE = 180/480
MERCURY = 1.1/NA
ELEMENTAL MERCURY = 1.1/NA
NICKEL –=150/NA
THALLIUM = 0.078/3.9
ZINC = 2300/NA
8. HISTORICAL SOIL BORING DATA SOURCES: "SOIL BORING LOCATION PLAN", HILLIS CARNES ENGINEERING ASSOCIATES, 2019. "PUBLIC WORKS COVER SOIL INVESTIGATION", HILLIS CARNES ENGINEERING ASSOCIATES, 2019.
9. AERIAL IMAGERY SOURCE: NEARMAP, 25 OCTOBER 2024

N

0 200 400
SCALE IN FEET

HALEY ALDRICH

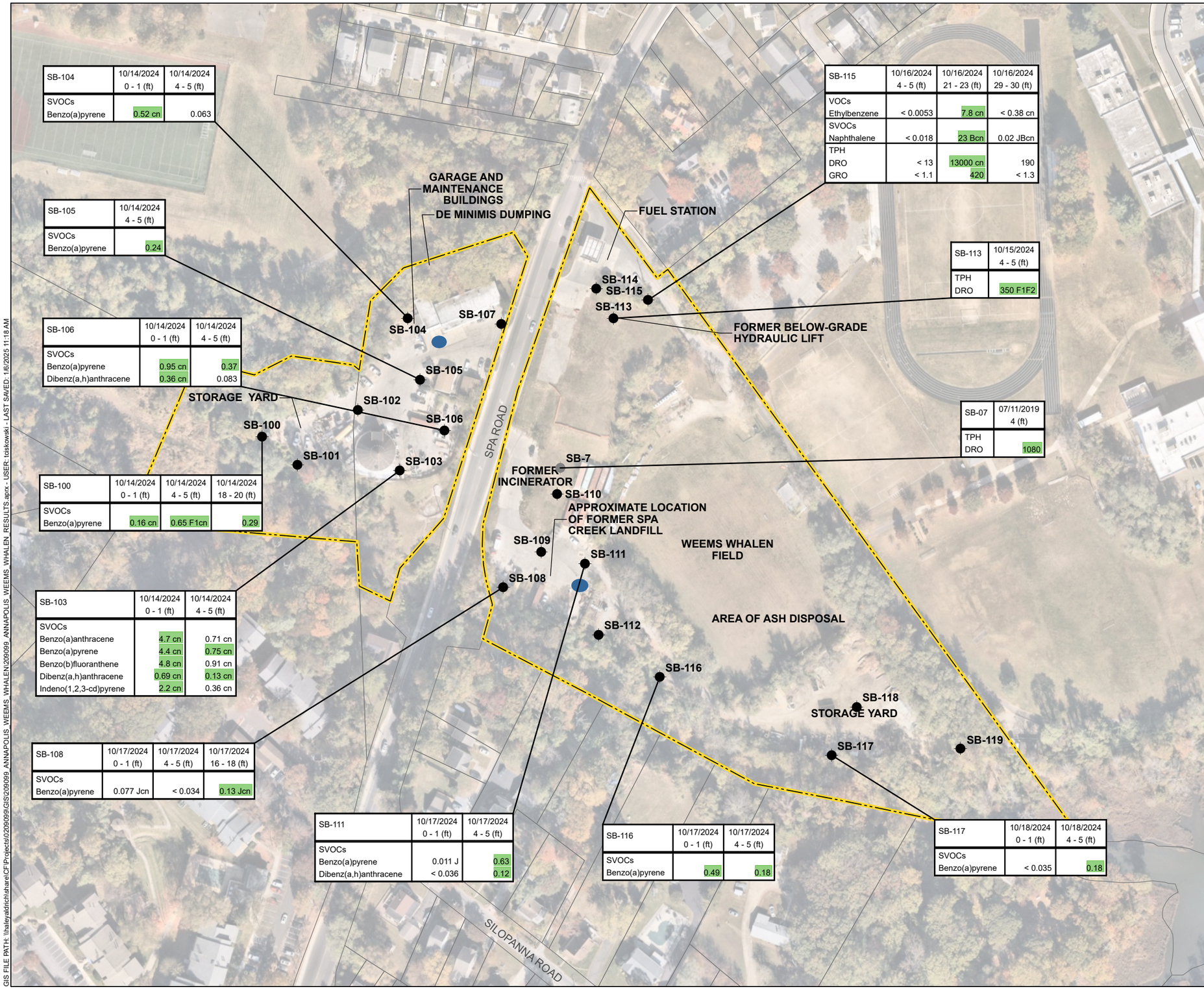
932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

SPA ROAD SOIL
METALS SAMPLING RESULTS

JANUARY 2025

FIGURE 10

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0209099\GIS\209099_ANNAPOLIS_WEEMS_WHALEN\209099_ANNAPOLIS_WEEMS_WHALEN_RESULTS.aprx - USER: tzaskowski - LAST SAVED: 1/6/2025 11:18 AM



SB-104	10/14/2024 0 - 1 (ft)	10/14/2024 4 - 5 (ft)
SVOCs		
Benzo(a)pyrene	0.52 cn	0.063

SB-105	10/14/2024 4 - 5 (ft)
SVOCs	
Benzo(a)pyrene	0.24

SB-106	10/14/2024 0 - 1 (ft)	10/14/2024 4 - 5 (ft)
SVOCs		
Benzo(a)pyrene	0.95 cn	0.37
Dibenz(a,h)anthracene	0.36 cn	0.083

SB-100	10/14/2024 0 - 1 (ft)	10/14/2024 4 - 5 (ft)	10/14/2024 18 - 20 (ft)
SVOCs			
Benzo(a)pyrene	0.16 cn	0.65 F1cn	0.29

SB-103	10/14/2024 0 - 1 (ft)	10/14/2024 4 - 5 (ft)
SVOCs		
Benzo(a)anthracene	4.7 cn	0.71 cn
Benzo(a)pyrene	4.4 cn	0.75 cn
Benzo(b)fluoranthene	4.8 cn	0.91 cn
Dibenz(a,h)anthracene	0.69 cn	0.13 cn
Indeno(1,2,3-cd)pyrene	2.2 cn	0.36 cn

SB-108	10/17/2024 0 - 1 (ft)	10/17/2024 4 - 5 (ft)	10/17/2024 16 - 18 (ft)
SVOCs			
Benzo(a)pyrene	0.077 Jcn	< 0.034	0.13 Jcn

SB-111	10/17/2024 0 - 1 (ft)	10/17/2024 4 - 5 (ft)
SVOCs		
Benzo(a)pyrene	0.011 J	0.63
Dibenz(a,h)anthracene	< 0.036	0.12

SB-116	10/17/2024 0 - 1 (ft)	10/17/2024 4 - 5 (ft)
SVOCs		
Benzo(a)pyrene	0.49	0.18

SB-117	10/18/2024 0 - 1 (ft)	10/18/2024 4 - 5 (ft)
SVOCs		
Benzo(a)pyrene	< 0.035	0.18

SB-115	10/16/2024 4 - 5 (ft)	10/16/2024 21 - 23 (ft)	10/16/2024 29 - 30 (ft)
VOCs			
Ethylbenzene	< 0.0053	7.8 cn	< 0.38 cn
SVOCs			
Naphthalene	< 0.018	23 Bcn	0.02 JBcn
TPH			
DRO	< 13	13000 cn	190
GRO	< 1.1	420	< 1.3

SB-113	10/15/2024 4 - 5 (ft)
TPH	
DRO	350 F1F2

SB-07	07/11/2019 4 (ft)
TPH	
DRO	1080

LEGEND

- SOIL SAMPLE
- HISTORICAL SOIL BORING
- REPORTED OIL/WATER SEPARATOR
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. HISTORICAL LOCATIONS ARE APPROXIMATE.
2. DEPTHS REPORTED ARE IN FEET BELOW GROUND SURFACE.
3. DEFINITIONS:
TPH = TOTAL PETROLEUM HYDROCARBONS
DRO = DIESEL-RANGE ORGANICS
GRO = GASOLINE-RANGE ORGANICS
VOCSs= VOLATILE ORGANIC COMPOUNDS
SVOCs = SEMI-VOLATILE ORGANIC COMPOUNDS
mg/kg = MILLIGRAMS PER KILOGRAM
MDE = MARYLAND DEPARTMENT OF THE ENVIRONMENT
4. DATA QUALIFIER DEFINITIONS PROVIDED IN THE FOOTNOTES OF TABLES.
5. ONLY LOCATIONS WHERE THE MDE RESIDENTIAL STANDARDS ARE EXCEEDED ARE SHOWN. THE MDE RESIDENTIAL SOIL STANDARDS ARE AS FOLLOWS (IN mg/kg):
BENZO(A)ANTHRACENE = 1.1
BENZO(A)PYRENE = 0.11
BENZO(B)FLUORANTHENE = 1.1
DIBENZ(A,H)ANTHRACENE = 0.11
INDENO(1,2,3-CD)PYRENE = 1.1
ETHYLBENZENE = 5.8
NAPHTHALENE = 3.8
TPH GRO = 230
TPH DRO = 230
6. RESULTS SHOWN IN GREEN ARE EXCEEDANCES OF MDE RESIDENTIAL SOIL STANDARDS.
7. HISTORICAL SOIL BORING DATA SOURCE: "SOIL BORING LOCATION PLAN", HILLIS CARNES ENGINEERING ASSOCIATES, 2019
8. SOIL BORINGS SURVEYED BY BOWMAN CONSULTING, 7 NOVEMBER 2024
9. PARCEL DATA SOURCE: CITY OF ANNAPOLIS GEOGRAPHIC INFORMATION SYSTEMS
10. AERIAL IMAGERY SOURCE: NEARMAP, 25 OCTOBER 2024

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

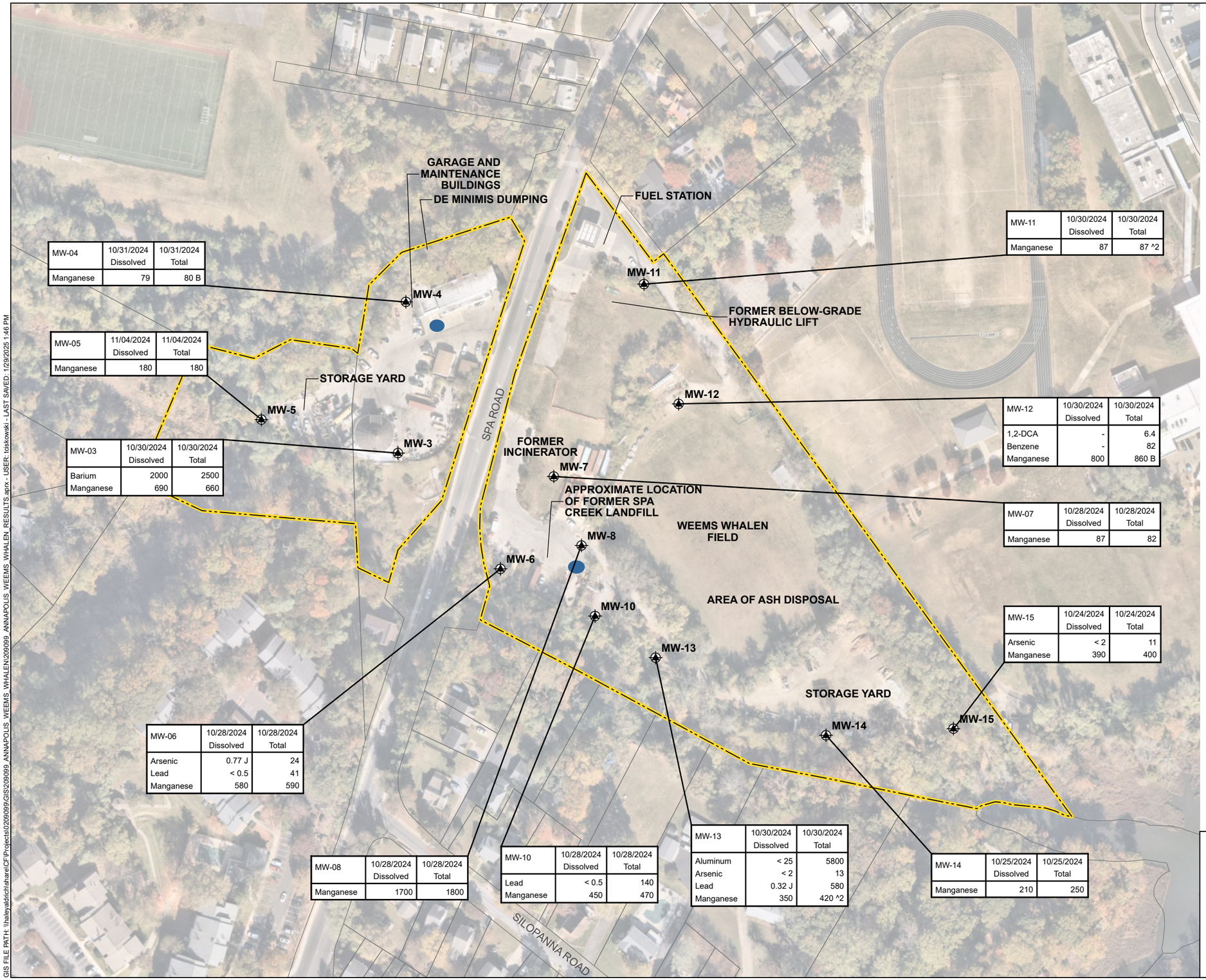
932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

SPA ROAD SOIL, VOCS, SVOCS, TPH DRO/GRO SAMPLING RESULTS

JANUARY 2025

FIGURE 11

GIS FILE PATH: \\haleyaldrich\share\CFP\projects\0209099\GIS\209099_ANNAPOLIS_WEEMS_WHALEN\209099_ANNAPOLIS_WEEMS_WHALEN_RESULTS.aprx - USER: tdzikowski - LAST SAVED: 1/6/2025 11:18 AM



MW-04	10/31/2024 Dissolved	10/31/2024 Total
Manganese	79	80 B

MW-05	11/04/2024 Dissolved	11/04/2024 Total
Manganese	180	180

MW-03	10/30/2024 Dissolved	10/30/2024 Total
Barium	2000	2500
Manganese	690	660

MW-11	10/30/2024 Dissolved	10/30/2024 Total
Manganese	87	87 ^2

MW-12	10/30/2024 Dissolved	10/30/2024 Total
1,2-DCA	-	6.4
Benzene	-	82
Manganese	800	860 B

MW-07	10/28/2024 Dissolved	10/28/2024 Total
Manganese	87	82

MW-15	10/24/2024 Dissolved	10/24/2024 Total
Arsenic	< 2	11
Manganese	390	400

MW-06	10/28/2024 Dissolved	10/28/2024 Total
Arsenic	0.77 J	24
Lead	< 0.5	41
Manganese	580	590

MW-08	10/28/2024 Dissolved	10/28/2024 Total
Manganese	1700	1800

MW-10	10/28/2024 Dissolved	10/28/2024 Total
Lead	< 0.5	140
Manganese	450	470

MW-13	10/30/2024 Dissolved	10/30/2024 Total
Aluminum	< 25	5800
Arsenic	< 2	13
Lead	0.32 J	580
Manganese	350	420 ^2

MW-14	10/25/2024 Dissolved	10/25/2024 Total
Manganese	210	250

LEGEND

- MONITORING WELL
- REPORTED OIL/WATER SEPARATOR
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. HISTORICAL LOCATIONS ARE APPROXIMATE.

2. DEFINITIONS:
1,2-DCA = 1,2-DICHLOROETHANE
ug/L = MICROGRAMS PER LITER
MDE = MARYLAND DEPARTMENT OF THE ENVIRONMENT

3. DATA QUALIFIER DEFINITIONS PROVIDED IN THE FOOTNOTES OF TABLES.

4. THE MDE RESIDENTIAL STANDARDS ARE AS FOLLOWS (IN ug/L):
ALUMINUM = 2000
ARSENIC = 10
BARIUM = 2000
MANGANESE = 43
LEAD = 15
1,2-DICHLOROETHANE = 5
BENZENE = 5

5. MONITORING WELLS SURVEYED BY BOWMAN CONSULTING, 7 NOVEMBER 2024.

6. PARCEL DATA SOUCE: CITY OF ANNAPOLIS GEOGRAPHIC INFORMATION SYSTEMS

7. AERIAL IMAGERY SOURCE: NEARMAP, 25 OCTOBER 2024

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

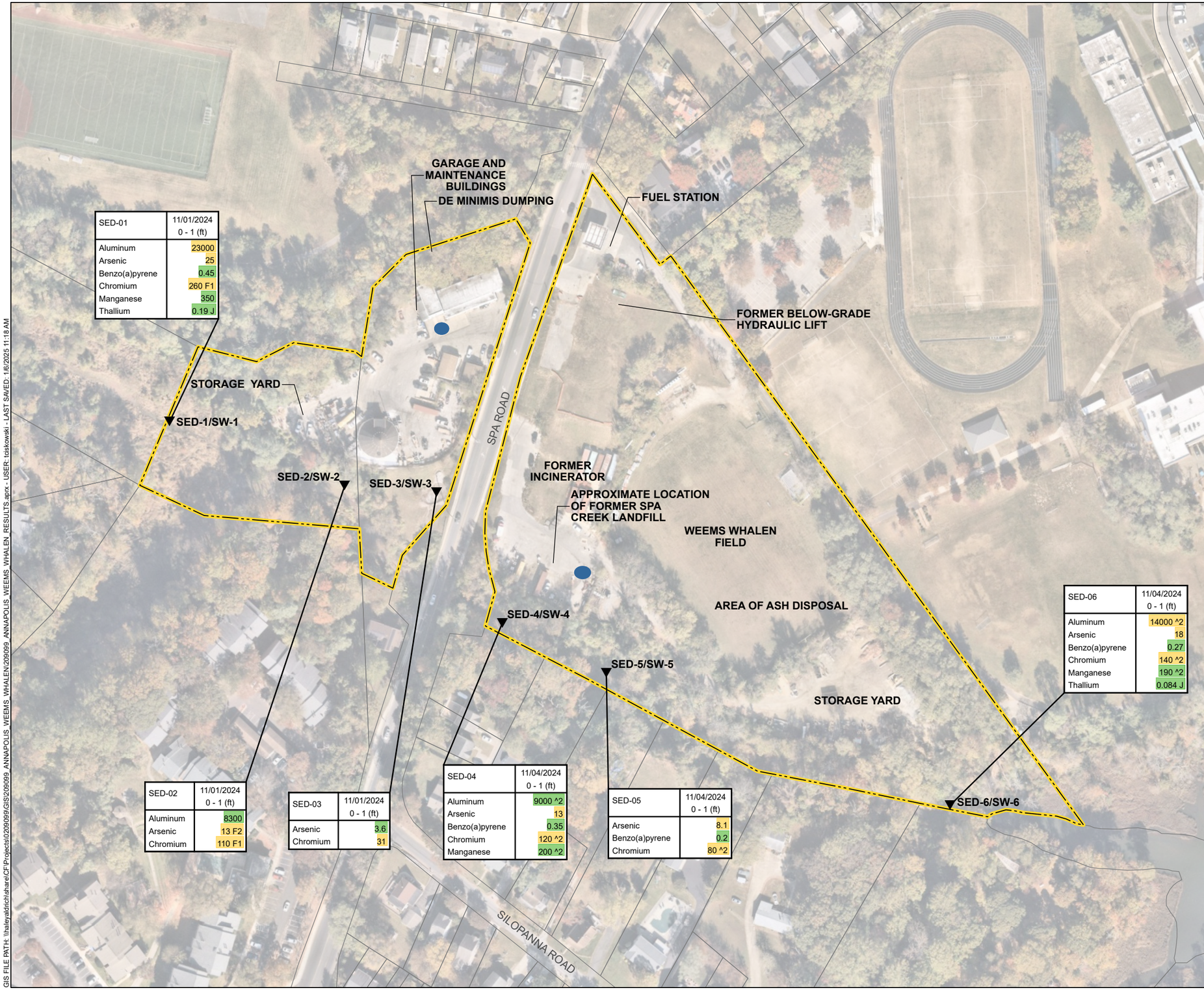
932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

GROUNDWATER SAMPLING RESULTS

JANUARY 2025

FIGURE 12

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0209099\GIS\209099_ANNAPOLIS_WEEMS_WHALEN\209099_ANNAPOLIS_WEEMS_WHALEN_RESULTS.aprx - USER: tziskowski - LAST SAVED: 1/29/2025 1:46 PM



SED-01	11/01/2024 0 - 1 (ft)
Aluminum	23000
Arsenic	25
Benzo(a)pyrene	0.45
Chromium	260 F1
Manganese	350
Thallium	0.19 J

SED-02	11/01/2024 0 - 1 (ft)
Aluminum	8300
Arsenic	13 F2
Chromium	110 F1

SED-03	11/01/2024 0 - 1 (ft)
Arsenic	3.6
Chromium	31

SED-04	11/04/2024 0 - 1 (ft)
Aluminum	9000 ^2
Arsenic	13
Benzo(a)pyrene	0.35
Chromium	120 ^2
Manganese	200 ^2

SED-05	11/04/2024 0 - 1 (ft)
Arsenic	8.1
Benzo(a)pyrene	0.2
Chromium	80 ^2

SED-06	11/04/2024 0 - 1 (ft)
Aluminum	14000 ^2
Arsenic	18
Benzo(a)pyrene	0.27
Chromium	140 ^2
Manganese	190 ^2
Thallium	0.084 J

LEGEND

- SEDIMENT SAMPLE
- REPORTED OIL/WATER SEPARATOR
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. HISTORICAL LOCATIONS ARE APPROXIMATE.

2. CONCENTRATIONS SHOWN IN MILLIGRAMS PER KILOGRAM(mg/kg).

3. DATA QUALIFIER DEFINITIONS PROVIDED IN THE FOOTNOTES OF TABLES.

4. DEFINITIONS:
MDE = MARYLAND DEPARTMENT OF THE ENVIRONMENT
ATC = ANTICIPATED TYPICAL CONCENTRATION
NA = NOT APPLICABLE

5. ONLY CONCENTRATIONS THAT EXCEED THE MDE RESIDENTIAL STANDARD/ATC ARE SHOWN. THE MDE RESIDENTIAL SOIL STANDARDS/ATC ARE AS FOLLOWS (IN mg/kg):
BENZO(A)PYRENE = 0.11/NA
ALUMINUM = 7700/11000
ARSENIC = 0.68/3.6
CADMIUM = 7.1/NA
CHROMIUM, TOTAL = NA/28
COPPER = 310/NA
MANGANESE = 180/480
THALLIUM = 0.078/3.9

6. RESULTS SHOWN IN GREEN ARE EXCEEDANCES OF MDE RESIDENTIAL SOIL STANDARDS.

7. RESULTS SHOWN IN YELLOW ARE EXCEEDANCES OF THE ATC STANDARDS.

8. PARCEL DATA SOURCE: CITY OF ANNAPOLIS GEOGRAPHIC INFORMATION SYSTEMS

9. AERIAL IMAGERY SOURCE: NEARMAP, 25 OCTOBER 2024

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

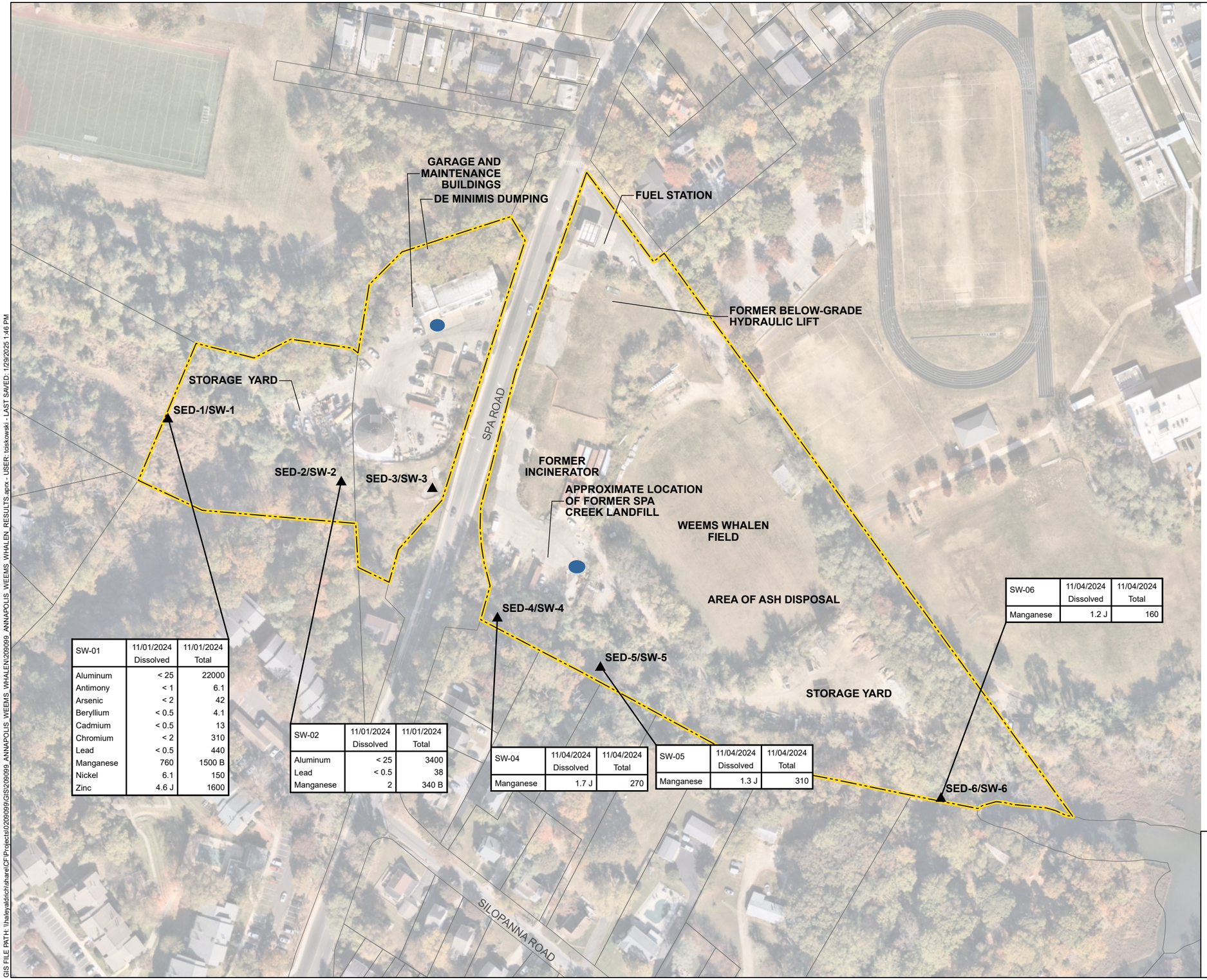
932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

SEDIMENT SAMPLING RESULTS

JANUARY 2025

FIGURE 13

GIS FILE PATH: \\haleyaldrichshare\CF\Projects\0209099\GIS\209099_ANNAPOLIS_WEEMS_WHALEN\209099_ANNAPOLIS_WEEMS_WHALEN_RESULTS.aprx - USER: tziskowski - LAST SAVED: 1/6/2025 11:18 AM



SW-01	11/01/2024 Dissolved	11/01/2024 Total
Aluminum	< 25	22000
Antimony	< 1	6.1
Arsenic	< 2	42
Beryllium	< 0.5	4.1
Cadmium	< 0.5	13
Chromium	< 2	310
Lead	< 0.5	440
Manganese	760	1500 B
Nickel	6.1	150
Zinc	4.6 J	1600

SW-02	11/01/2024 Dissolved	11/01/2024 Total
Aluminum	< 25	3400
Lead	< 0.5	38
Manganese	2	340 B

SW-04	11/04/2024 Dissolved	11/04/2024 Total
Manganese	1.7 J	270

SW-05	11/04/2024 Dissolved	11/04/2024 Total
Manganese	1.3 J	310

SW-06	11/04/2024 Dissolved	11/04/2024 Total
Manganese	1.2 J	160

LEGEND

- SURFACE WATER SAMPLE
- REPORTED OIL/WATER SEPARATOR
- SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. HISTORICAL LOCATIONS ARE APPROXIMATE.

2. CONCENTRATIONS ARE SHOWN IN MICROGRAMS PER LITER (ug/L).

3. DATA QUALIFIER DEFINITIONS PROVIDED IN THE FOOTNOTES OF TABLES.

4. THE MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) RESIDENTIAL STANDARDS ARE AS FOLLOWS (IN ug/L):
ALUMINUM = 2000
ANTIMONY = 6
ARSENIC = 10
BERYLLIUM = 4
CADMIUM = 5
CHROMIUM, TOTAL =100
MANGANESE = 43
LEAD = 15
NICKEL = 39
ZINC = 600

5. PARCEL DATA SOURCE: CITY OF ANNAPOLIS GEOGRAPHIC INFORMATION SYSTEMS

6. AERIAL IMAGERY SOURCE: NEARMAP, 25 OCTOBER 2024

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

932 & 935 SPA ROAD
ANNAPOLIS, MARYLAND

SURFACE WATER SAMPLING RESULTS

JANUARY 2025

FIGURE 14

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0209099\GIS\209099_ANNAPOLIS_WEEMS_WHALEN\209099_ANNAPOLIS_WEEMS_WHALEN_RESULTS.aprx - USER: tciskowski - LAST SAVED: 1/29/2025 1:46 PM

APPENDIX A
Photo Log

Photo 1: **Soil boring installation at boring N-3N.**

Photo 2: Monitoring well installation MW-09.

Photo 3: Groundwater sampling at MW-14.

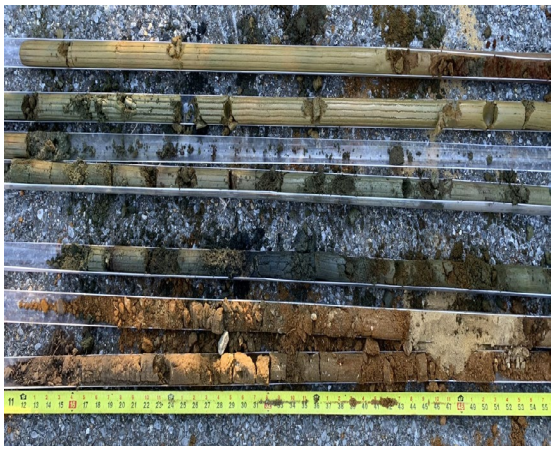


Photo 4: SB-115, location of the former heating oil tank, staining and PID hits observed (20 to 25 ft bgs)

Photo 5: Boring C-2W, Weems Whalen field, native material observed (sands and clays).

Photo 6: Boring N-3W, Weems Whalen field, fill material observed (brick, glass, plastic).

Photo 7: SB-111, location of the former landfill, fill material observed (gravel and glass).

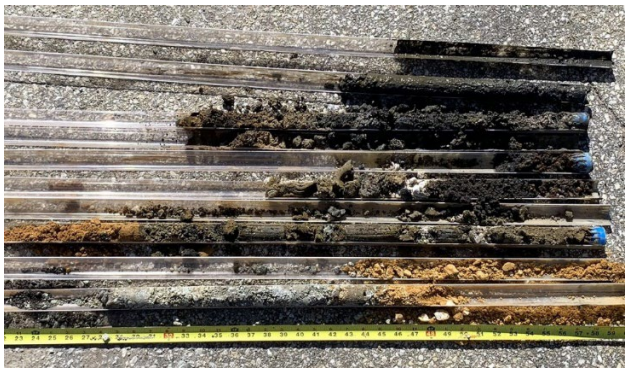


Photo 8: SB-108, location of the former landfill, fill material observed (gravel, glass, organics).

Photo 9: SB-110, location of the former incinerator, native material observed (sands and clays).

Photo 10: SB-105, located on the western parcel, fill material observed (brick, glass, wood).

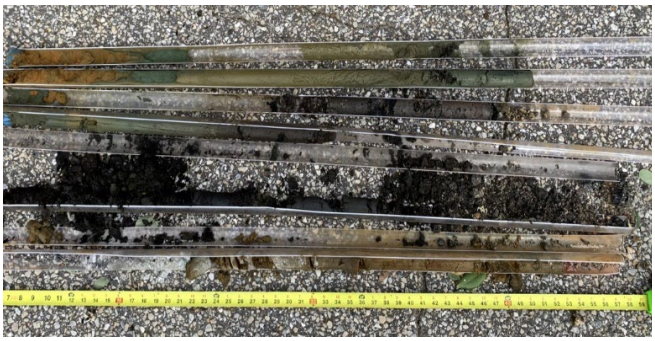


Photo 11: SB-106, located on the western parcel, fill material observed (wood and leaf litter).

Photo 12: SB-117, located in the storage yard on the eastern parcel, fill material observed (gravel, brick,

APPENDIX B
Soil Boring Logs

SOIL BORING LOG

HALEY ALDRICH

Exploration No: C-2E
Sheet: 1 of 2

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/16/2024
Client:		Date Completed:	10/16/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR
Exploration Method:	Push Probe	Checked by:	
Equip. Make/Model:	Geoprobe® 7822DT	Coordinates:	N: 475873.93 E: 1451905.64 ()
		Ground Surface Elevation:	26.3 feet (NAVD 88)
		General Remarks:	None
Total Depth:	35.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		75		0.6	Poorly-graded GRAVEL (GP), FILL	
				25.7	Lean CLAY (CL), moist, brown, sand, NATIVE SOIL	
				3.2		
				23.1	Clayey SAND (SC), moist, brown, NATIVE SOIL	
				3.7		
22				22.6	Clayey SAND (SC), moist, red to tan, NATIVE SOIL	
	5	67				
				6.5		
				19.8	Clayey SAND (SC), moist, red, NATIVE SOIL	
				7.0		
				19.3	Lean CLAY (CL), moist, gray, sand, NATIVE SOIL	
				8.0		
				18.3	Lean CLAY (CL), moist, dark brown, sand, NATIVE SOIL	
				9.2		
17				17.1	Lean CLAY (CL), moist, gray, sand, NATIVE SOIL	
				10.0		
	10	53		16.3	Lean CLAY (CL), moist, olive, sand, NATIVE SOIL	
				13.5		
				12.8	Lean CLAY (CL), moist, light brown, sand, NATIVE SOIL	
12						
	15	47				
7						
	20	92				

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:20 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: C-2E
Sheet: 2 of 2

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/16/2024
Client:	Date Completed: 10/16/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM/EMR Checked by:
Exploration Method: Push Probe	Coordinates: N: 475873.93 E: 1451905.64 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 26.3 feet (NAVD 88)
	General Remarks: None
Total Depth: 35.0 feet	Status: Final

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	Material Description and Remarks: ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
2	25	67				
-3	30	58				Note: Groundwater at 32' bgs.
-8	35			35.0 / -8.7	Bottom of Exploration at 35.0 feet	
-13	40					

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:20 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: C-2N
Sheet: 1 of 2

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/16/2024
Client:		Date Completed:	10/16/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475868.10 E: 1451889.53 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	26.4 feet (NAVD 88)
		General Remarks:	None
Total Depth:	20.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		65		0.3	Poorly-graded GRAVEL (GP), sand, FILL	
				26.1	TOPSOIL	
				0.6	Lean CLAY (CL), moist, light brown, sand, NATIVE SOIL	
				25.8	Clayey SAND (SC), moist, light brown, NATIVE SOIL	
				3.4		
				23.0	Lean CLAY (CL), moist, red-brown, sand, NATIVE SOIL	
				3.9		
				22.5	Well-graded SAND (SW), gray with red mottling, fine grained sand, teace fines, NATIVE SOIL	
				4.3		
22				22.1	Lean CLAY (CL), moist, light brown to red, sand, NATIVE SOIL	
				4.8		
				21.6	Well-graded SAND (SW), gray with red mottling, medium to coarse sand, trace fines, NATIVE SOIL	
	5	67		5.0		
				21.4	Well-graded SAND (SW), gray, medium sand, NATIVE SOIL	
				5.9		
				20.5	Clayey SAND (SC), moist, red-tan, fine sand, NATIVE SOIL	
				7.2		
				19.2	Well-graded SAND (SW), gray, medium grained, trace fines, NATIVE SOIL	
				7.5		
				18.9	Lean CLAY (CL), moist, gray-brown, sand, NATIVE SOIL	
				9.2		
17				17.2	Lean CLAY (CL), moist, light brown, sand, NATIVE SOIL	
				9.8		
	10	70		16.6	Lean CLAY (CL), moist, gray, sand, NATIVE SOIL	
				10.3		
				16.1	Lean CLAY (CL), moist, light brown with red mottling, sand, NATIVE SOIL	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:23 (UTC)

SOIL BORING LOG

Exploration No: C-2N
Sheet: 2 of 2

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/16/2024
Client:		Date Completed:	10/16/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR
Exploration Method:	Push Probe	Checked by:	
Equip. Make/Model:	Geoprobe® 7822DT	Coordinates:	N: 475868.10 E: 1451889.53 ()
		Ground Surface Elevation:	26.4 feet (NAVD 88)
		General Remarks:	None
Total Depth:	20.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
				12.0 14.4	Lean CLAY (CL), moist, brown to gray, sand, NATIVE SOIL	
12						
	15	78		15.0		
				15.0 11.4 11.4	Lean CLAY (CL), moist, olive, sand, NATIVE SOIL Well-graded SAND (SW), brown to red, fine grained sand, trace fines, NATIVE SOIL	
				16.0 10.4	Lean CLAY (CL), moist, red-brown, sand, NATIVE SOIL	
7						
	20			20.0 20.0 6.4 6.4	Bottom of Exploration at 20.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:23 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: C-2S
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/17/2024
Client:		Date Completed:	10/17/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR
Exploration Method:	Push Probe	Checked by:	
Equip. Make/Model:	Geoprobe® 7822DT	Coordinates:	N: 475854.06 E: 1451896.96 ()
		Ground Surface Elevation:	26.0 feet (NAVD 88)
		General Remarks:	None
Total Depth:	20.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		83		0.3	TOPSOIL	
				25.7	Poorly-graded SAND (SP), moist, brown, gravel, NATIVE SOIL	
				0.5	Clayey SAND (SC), reddish-brown, NATIVE SOIL	
				25.5		
21	5	60				
16	10	65				
				12.5		
				13.5	Lean CLAY (CL), moist, brown, sand, NATIVE SOIL	
11	15	85				
				16.5		
				9.5	Lean CLAY (CL) moist, yellow-brown, sand, NATIVE SOIL	
				20.0		
6	20			6.0	Bottom of Exploration at 20.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:20 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: C-2W
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/17/2024
Client:		Date Completed:	10/17/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475845.54 E: 1451875.31 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	26.8 feet (NAVD 88)
		General Remarks:	None
Total Depth:	20.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		50		0.6	TOPSOIL	
				26.2	Clayey SAND (SC), moist, light brown, NATIVE SOIL	
				3.9 / 22.9	Well-graded SAND (SW), gray with red mottling, fine grained sand, teace fines, NATIVE SOIL	
				4.3 / 22.5	Lean CLAY (CL), moist, light brown to red, sand, NATIVE SOIL	
22	5	60		4.8 / 22.0	Well-graded SAND (SW), gray with red mottling, medium to coarse sand, trace fines, NATIVE SOIL	
				7.2 / 19.6	Well-graded SAND (SW), gray, medium grained, trace fines, NATIVE SOIL	
17	10	68		9.2 / 17.6	Lean CLAY (CL), moist, light brown, sand, NATIVE SOIL	
				12.0 / 14.8	Lean CLAY (CL), moist, brown to gray, sand, NATIVE SOIL	
12	15	87		15.0 / 11.8	Well-graded SAND (SW), brown to red, fine grained sand, trace fines, NATIVE SOIL	
7	20			20.0 / 6.8	Bottom of Exploration at 20.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:20 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: N-3E

Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/16/2024
Client:		Date Completed:	10/16/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR
Exploration Method:	Push Probe	Checked by:	
Equip. Make/Model:	Geoprobe® 7822DT	Coordinates:	N: 475829.11 E: 1452062.08 ()
		Ground Surface Elevation:	24.2 feet (NAVD 88)
		General Remarks:	None
Total Depth:	20.0 feet	Status:	Final

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	Material Description and Remarks: ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		48		0.3	TOPSOIL	
				23.9	Poorly-graded SAND (SP), dark brown to black, gravel, glass shards/asphalt, FILL	
20				4.8		
	5	58		19.4	Lean CLAY (CL), moist, tan, sand, trace organics, FILL	
				8.0		
				16.2	Lean CLAY (CL), moist, light brown, NATIVE SOIL	
15						
	10	100				
				14.0		
10				10.2	Lean CLAY (CL), moist, red-brown with gray mottling, sand, NATIVE SOIL	
				15.0		
	15	93		9.2	Clayey SAND (SC), moist, dark brown, NATIVE SOIL	
				15.6		
				8.6	Lean CLAY (CL), moist, red-brown with gray mottling, sand, NATIVE SOIL	
5						
	20			20.0		
				4.2	Bottom of Exploration at 20.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:20 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: N-3N

Sheet: 1 of 2

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/16/2024
Client:		Date Completed:	10/16/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475834.54 E: 1452045.98 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	24.5 feet (NAVD 88)
		General Remarks:	None
Total Depth:	25.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		10		0.5	TOPSOIL	
				24.0	FILL	
20				4.6		
	5	47		19.9	Lean CLAY (CL), moist, dark brown, sand, trace organics, fragments of asphalt/ glass, FILL	
				5.0 / 19.5	Lean CLAY (CL), moist, light brown, medium sand, NATIVE SOIL	
15	10	50				
10	15	65		16.0 / 8.5	Lean CLAY (CL), moist, red-brown, NATIVE SOIL	
5	20	93		20.0 / 4.5	Lean CLAY (CL), moist, red-brown, gray mottling, sand, NATIVE SOIL	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:20 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: N-3N

Sheet: 2 of 2

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/16/2024
Client:	Date Completed: 10/16/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM/EMR Checked by:
Exploration Method: Push Probe	Coordinates: N: 475834.54 E: 1452045.98 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 24.5 feet (NAVD 88)
	General Remarks: None
Total Depth: 25.0 feet	Status: Final

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	Material Description and Remarks: ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
						Note: Groundwater at 21' bgs.
0						
	25			25.0 / -0.5	Bottom of Exploration at 25.0 feet	
-5						
	30					
-10						
	35					
-15						
	40					

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:20 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: N-3S
Sheet: 1 of 1

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/16/2024
Client:	Date Completed: 10/16/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM/EMR Checked by:
Exploration Method: Push Probe	Coordinates: N: 475817.64 E: 1452055.31 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 24.1 feet (NAVD 88)
	General Remarks: None
Total Depth: 20.0 feet	Status: Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		55		0.3 / 23.8	TOPSOIL	
				0.5 / 23.6	Clayey SAND (SC), moist, brown, FILL	
					Poorly-graded SAND (SP), light brown to dark gray, gravel, trace clay, FILL	
						Note: Glass shards at 3' bgs.
						Note: Asphalt chunks 3' - 5' bgs.
20						
						Note: Rubber at 4.5' bgs.
	5	78		5.0 / 19.1	Lean CLAY (CL), moist, brown to dark gray, sand, FILL	
				6.5 / 17.6	Lean CLAY (CL), moist, brown, sand, NATIVE SOIL	
15						
	10	73				
				13.5 / 10.6	Lean CLAY (CL), moist, brown, trace sand, NATIVE SOIL	
10						
	15	60		15.5 / 8.6	Lean CLAY (CL), moist, brown, sand, NATIVE SOIL	
5						
	20			20.0 / 4.1	Bottom of Exploration at 20.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: N-3W
Sheet: 1 of 1

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/16/2024
Client:	Date Completed: 10/16/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM/EMR Checked by:
Exploration Method: Push Probe	Coordinates: N: 475822.57 E: 1452042.14 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 24.4 feet (NAVD 88)
	General Remarks: None
Total Depth: 20.0 feet	Status: Final

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	Material Description and Remarks: ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		47		0.3	TOPSOIL	
				24.1	Lean CLAY (CL), moist, brown, sand, FILL	Note: Brick at 0.5' bgs.
				1.0		
				23.4	Poorly-graded SAND (SP), black, clay and gravel, glass and plastic debris, FILL	
				3.0		
				21.4	Lean CLAY (CL), moist, brown, sand, FILL	
20						
	5	20				
15						
	10	55				
				12.0		
				12.4	Lean CLAY (CL), moist, brown, NATIVE SOIL	
10						
				15.0		
	15	67		9.4	Lean CLAY (CL), moist, brown, sand, NATIVE SOIL	
				16.5		
				7.9	Lean CLAY (CL), moist, brown, sand, NATIVE SOIL	
5						
				20.0		
	20			4.4	Bottom of Exploration at 20.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-100/MW-5
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/30/2024
Client:		Date Completed:	10/30/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475865.22 E: 1451318.71 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	19.6 feet (NAVD 88)
		General Remarks:	None
Hole Diameter:			
Total Depth:	30.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		78			Lean CLAY (CL), moist, dark brown, sand, FILL	
						Note: Concrete fragments at 1.5' bgs.
						Note: Brick at 2.5' bgs.
				3.5 / 16.2	Lean CLAY (CL), moist, brown, FILL	
15	5	0		5.0 / 14.6	FILL	
10	10	17		10.0 / 9.6	Lean CLAY (CL), moist, dark brown, sand, FILL	
5	15	55				Note: Wood at 15' bgs.
				16.5 / 3.2	Lean CLAY (CL), moist, dark brown, mild organic odor, trace gravel, FILL	
0	20	50		20.0 / -0.4	Well-graded GRAVEL (GW), moist, black to gray, sand, NATIVE SOIL	Note: Groundwater at 20' bgs.
-5	25	27				
-10	30			30.0 / -10.4	Bottom of Exploration at 30.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:24 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-101
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/15/2024
Client:		Date Completed:	10/15/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475813.54 E: 1451339.41 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	16.9 feet (NAVD 88)
		General Remarks:	None
Total Depth:	5.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		67			Lean CLAY (CL), moist, dark brown, fine sand, trace organics, FILL	
				1.0 / 15.9		
		67			Lean CLAY (CL), moist, dark brown, coarse sand, FILL	
				1.7 / 15.2		
		67			Lean CLAY (CL), moist, dark brown to olive, medium sand, FILL	
				2.5 / 14.4		
		67			Lean CLAY (CL), moist, dark brown to black, sand, some gravel, trace organics, FILL	
		67				
12	5			5.0 / 11.9	Bottom of Exploration at 5.0 feet	
7	10					
2	15					
-3	20					

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-102
Sheet: 1 of 2

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/14/2024
Client:		Date Completed:	10/14/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475897.90 E: 1451431.48 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	23.5 feet (NAVD 88)
		General Remarks:	None
Total Depth:	25.0 feet	Status:	Final

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	Material Description and Remarks: ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		100		0.3 / 23.2	ASPHALT	
					Lean CLAY (CL), moist, brown, sand, trace gravel, FILL	
				3.0 / 20.5	Clayey SAND (SC), moist, light brown, FILL	
19	5	83		5.0 / 18.5	Lean CLAY (CL), moist, dark brown, sand, trace gravel, FILL	
						Note: Concrete fragments at 1' and 8' bgs.
				8.0 / 15.5	Clayey SAND (SC), moist, dark brown, trace gravel, FILL	
						Note: Asphalt at 9' bgs.
14	10	83				Note: Concrete at 10' bgs.
						Note: Wood at 11' and 12' bgs.
				12.5 / 11.0	Poorly-graded SAND (SP), moist, black to red, FILL	
9	15	70		15.0 / 8.5	Clayey SAND (SC), moist, brown to black, FILL	
						Note: Burnt wood at 16' bgs.
				16.5 / 7.0	FILL	
						Note: Brick fragments 17-18' bgs.
				18.0 / 5.5	Lean CLAY (CL), dark brown, FILL	
4	20	25				Note: Groundwater at 20' bgs.

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

HALEY ALDRICH

SOIL BORING LOG

Exploration No: **SB-102**

Sheet: 2 of 2

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/14/2024
Client:		Date Completed:	10/14/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475897.90 E: 1451431.48 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	23.5 feet (NAVD 88)
		General Remarks:	None
Total Depth:	25.0 feet	Status:	Final

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	Material Description and Remarks: ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
-1	25			25.0 / -1.5	Bottom of Exploration at 25.0 feet	
-6	30					
-11	35					
-16	40					

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-103/MW-3
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/29/2024
Client:		Date Completed:	10/29/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475805.07 E: 1451495.32 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	21.4 feet (NAVD 88)
		General Remarks:	None
Hole Diameter:			
Total Depth:	20.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		77		0.3	ASPHALT	
				21.1	Poorly graded SAND (SP), light brown to gray, gravel, FILL	
				0.5 / 20.9	Lean CLAY (CL), brown, sandy, FILL	
				3.5 / 17.9		
17				4.5		
	5	92		16.9	Clayey SAND (SC), brown, gravel, brick fragments, FILL	
				7.5 / 13.9	Lean Clay (CL), brown, sand, FILL	
12						
	10	58				Note: Chunks of concrete at 10.5' bgs.
				14.0 / 7.4	Lean Clay (CL), brown, sand, brick fragments, FILL	
7						
	15	80				Note: Wood fragments at 15' bgs.
				18.5 / 2.9	Poorly-graded SAND (SP), dark brown, trace clay, NATIVE SOIL	
2						
	20			20.0 / 1.4	Bottom of Exploration at 20.0 feet	Note: Red mottling at 19.5' bgs.
-3						
	25					
-8						

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-104/MW-4
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/29/2024
Client:		Date Completed:	10/29/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 476037.72 E: 1451507.58 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	33.2 feet (NAVD 88)
		General Remarks:	None
Hole Diameter:			
Total Depth:	30.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		77		0.6	ASPHALT	
				32.6	Poorly-graded GRAVEL with CLAY (GP-GC), petroleum odor, NATIVE SOIL	
				1.8		
				31.4	Well-graded SAND (SW), black, gravel, minor clay, NATIVE SOIL	
				2.1	Well-graded SAND (SW), black, gravel, NATIVE SOIL	
				31.1		
				3.1	Well-graded SAND (SW), black, NATIVE SOIL	
29				30.1		
	5	57		5.0		
				28.2	Lean CLAY (CL), gray, sand, NATIVE SOIL	
24						
	10	78		10.0		
				23.2	Fat CLAY (CH), gray, NATIVE SOIL	
				11.9		
				21.3	Well-graded SAND with SILT (SW-SM), red, NATIVE SOIL	
				12.8		
				20.4	Well-graded SAND with clay (SW-SC), red/brown, NATIVE SOIL	
19						
	15	58		15.0		
				18.2	Lean CLAY (CL), gray, sand, NATIVE SOIL	
				15.9		
				17.3	Well-graded SAND with SILT (SW-SM), brown/red, NATIVE SOIL	
14						
	20	72		20.0		
				13.2	Well-graded SAND with SILT (SW-SM), brown, NATIVE SOIL	
				20.5	Lean CLAY (CL), brown, silt, NATIVE SOIL	
				12.7		
9						
	25	100		25.0		
				8.2	Well-graded SAND with SILT (SW-SM), loose, red, NATIVE SOIL	
4						
	30			30.0		
				3.2	Bottom of Exploration at 30.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:23 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-105

Sheet: 1 of 2

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/14/2024
Client:	Date Completed: 10/14/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM/EMR Checked by:
Exploration Method: Push Probe	Coordinates: N: 475943.72 E: 1451526.26 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 28.7 feet (NAVD 88)
	General Remarks: None
Total Depth: 25.0 feet	Status: Final

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	Material Description and Remarks: ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		87		0.3	ASPHALT	
				28.4	Lean CLAY (CL), moist, brown, sandy, trace gravel, pieces of brick and glass, FILL	
				3.5		
24	5	90		25.2	Clayey SAND (SC), moist, brown, trace gravel, pieces of brick and glass, FILL	
				6.5		
				22.2	Poorly-graded GRAVEL (GP), moist, dark gray, fragments of wood, FILL	
				8.5		
19	10	57		20.2	Poorly-graded SAND with SILT, moist, black, trace gravel, wood fragments, FILL	Note: Wood fragments at 11' and 12' bgs.
14	15	53				
				17.5		
				11.2	Clayey SAND (SC), moist, gray, FILL	Note: Groundwater at 18.5' bgs.
				19.5		
9	20	67		9.2	Clayey SAND (SC), moist, light brown, NATIVE SOIL	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

HALEY ALDRICH

SOIL BORING LOG

Exploration No: **SB-105**

Sheet: 2 of 2

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/14/2024
Client:		Date Completed:	10/14/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475943.72 E: 1451526.26 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	28.7 feet (NAVD 88)
		General Remarks:	None
Total Depth:	25.0 feet	Status:	Final

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	Material Description and Remarks: ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
				22.0 / 6.7	Clayey SAND (SC), moist, light brown, trace gravel, NATIVE SOIL	
-4	25			25.0 / 3.7	Bottom of Exploration at 25.0 feet	
-1	30					
-6	35					
-11	40					

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

Exploration No: SB-106
Sheet: 1 of 2

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/14/2024
Client:		Date Completed:	10/14/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475866.38 E: 1451563.58 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	23.9 feet (NAVD 88)
		General Remarks:	None
Total Depth:	25.0 feet	Status:	Final

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	Material Description and Remarks: ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		80		0.7	ASPHALT	
				23.2	Poorly-graded SAND with CLAY (SP-SC), brown, gravel, minor clay, FILL	
				4.7		
19	5	0		19.2 / 5.0	Sandy SILT (SM), black/green, gravel, FILL	Note: Concrete encountered at 5' bgs.
				18.9		
				10.0		
14	10	100		13.9	ORGANIC SOIL (OL), moist, black, leaf litter and wood, FILL	
				10.5 / 13.4	Clayey SAND (SC), moist, dark gray, gravel with organics, FILL	
				13.5		
				10.4	Poorly-graded SAND, moist, light brown to gray, trace clay, FILL	
9	15	72		15.0 / 8.9	Lean CLAY (CL), moist, olive, sand, FILL	
				17.5		
				6.4	Poorly-graded SAND, moist, dark gray, gravel, trace brick	
4	20	75		20.0 / 3.9	Lean CLAY (CL), moist, brown, sand, FILL	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

HALEY ALDRICH

SOIL BORING LOG

Exploration No: **SB-106**

Sheet: 2 of 2

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/14/2024
Client:		Date Completed:	10/14/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475866.38 E: 1451563.58 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	23.9 feet (NAVD 88)
		General Remarks:	None
Total Depth:	25.0 feet	Status:	Final

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	Material Description and Remarks: ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
				23.5 / 0.4	Lean CLAY (CL), moist, olive, sand, FILL	
-1	25			25.0 / -1.1	Bottom of Exploration at 25.0 feet	
-6	30					
-11	35					
-16	40					

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-107
Sheet: 1 of 2

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/14/2024
Client:	Date Completed: 10/14/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: Checked by:
Exploration Method: Push Probe	Coordinates: N: 476028.77 E: 1451650.35 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 33.9 feet (NAVD 88)
	General Remarks: None
Total Depth: 25.0 feet	Status: Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		70		0.3	ASPHALT	
				33.6	Poorly-graded GRAVEL (GP), loose, gray,minor sand, NATIVE SOIL	
				0.8 / 33.1	Well-graded SAND with clay (SW-SC), brown, NATIVE SOIL	
29	5	80		5.0 / 28.9	Well-graded SAND with SILT (SW-SM), tan, medium grained NATIVE SOIL	
				5.9 / 28.0	Well-graded SAND with SILT (SW-SM), brown/red, NATIVE SOIL	
24	10	73		10.0 / 23.9	Well-graded SAND (SW), brown, NATIVE SOIL	
				13.3 / 20.6	Silty SAND (SM), red, NATIVE SOIL	
19	15	70		15.0 / 18.9	Well-graded SAND with clay (SW-SC), brown, NATIVE SOIL	
				16.7 / 17.2	Lean CLAY (CL), brown, NATIVE SOIL	
14	20	100		20.0 / 13.9	Well-graded SAND with SILT (SW-SM), red/brown, NATIVE SOIL	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

HALEY ALDRICH

SOIL BORING LOG

Exploration No: **SB-107**

Sheet: 2 of 2

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/14/2024
Client:		Date Completed:	10/14/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 476028.77 E: 1451650.35 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	33.9 feet (NAVD 88)
		General Remarks:	None
Total Depth:	25.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
						Note: Soil noted as dry at depth of termination.
9	25			25.0 / 8.9	Bottom of Exploration at 25.0 feet	
4	30					
-1	35					
-6	40					

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-108/MW-6
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/23/2024
Client:		Date Completed:	10/23/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: EMR	Checked by:
Exploration Method:	Push Probe	Coordinates: N: 475627.00	E: 1451653.12 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation: 19.1 feet	(NAVD 88)
		General Remarks: None	
Hole Diameter:			
Total Depth:	25.0 feet	Status: Final	

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		53			Poorly-graded SAND (SP), gray to black, gravel, glass shards, FILL	
				3.7 / 15.4	Poorly-graded SAND (SP), reddish-brown, medium grained sand, some gravel, FILL	
15	5	65		5.5 / 13.6	Lean CLAY (CL), moist, dark brown, some gravel, glass shards, FILL	
10	10	33		10.0 / 9.1	Poorly-graded SAND (SP), black, organic odor, coarse grained sand, glass shards, FILL	
5	15	47		15.0 / 4.1	Poorly-graded SAND (SP), tannish brown, coarse grained sand, trace gravel, FILL	
0	20	27		17.0 / 2.1	Lean CLAY (CL), moist, black to gray, sand, trace gravel, trace organics, FILL	Note: Groundwater at 20' bgs.
-5	25			25.0 / -5.9	Bottom of Exploration at 25.0 feet	
-10						

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-109
Sheet: 1 of 1

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/17/2024
Client:	Date Completed: 10/17/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM/EMR Checked by:
Exploration Method: Push Probe	Coordinates: N: 475680.97 E: 1451711.27 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 21.5 feet (NAVD 88)
	General Remarks: None
Total Depth: 20.0 feet	Status: Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		62		0.3	ASPHALT	
				21.2	Poorly-graded SAND (SP), light brown, gravel, FILL	
				0.5	Poorly-graded SAND (SP), dark gray to brown, gravel, FILL	
				21.0		
						Note: Concrete chunks 2' - 3' bgs.
				3.0		
				18.5	Poorly-graded SAND (SP), reddish-brown, trace clay, FILL	
						Note: Glass shards 4' - 5' bgs.
17						
	5			5.0		
		30		16.5	Poorly-graded SAND (SP), reddish-brown, gravel, FILL	
12						
	10			10.0		
		17		11.5	Poorly-graded SAND (SP), reddish-brown, gravel, FILL	
7						
	15			15.0		
		23		6.5	Poorly-graded SAND (SP), reddish-brown, gravel, FILL	
						Note: Glass deposit with wood fragments 18' - 19.5' bgs.
						Note: Soil noted as dry at depth of termination.
2						
	20			20.0		
				1.5	Bottom of Exploration at 20.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

HALEY ALDRICH

SOIL BORING LOG

Exploration No: SB-110/MW-7
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/23/2024
Client:		Date Completed:	10/23/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: EMR	Checked by:
Exploration Method:	Push Probe	Coordinates: N: 475769.07	E: 1451735.30 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation: 25.0 feet	(NAVD 88)
		General Remarks: None	
Hole Diameter:			
Total Depth:	25.0 feet	Status: Final	

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		83		0.3 / 24.7	TOPSOIL	
				1.5 / 23.5	Clayey SAND (SC), dense, moist, light brown with black staining, NATIVE SOIL	
				3.5 / 21.5	Lean CLAY (CL), moist, light brown, sand, NATIVE SOIL	
21	5	85		7.5 / 17.5	Lean CLAY (CL), moist, light brown, NATIVE SOIL	
16	10	100		10.0 / 15.0	Lean CLAY (CL), moist, red-brown, sand, NATIVE SOIL	
				12.0 / 13.0	Lean CLAY (CL), moist, light brown, sand, NATIVE SOIL	
11	15	97			Clayey SAND (SC),moist, red-brown, NATIVE SOIL	
6	20	92				Note: Dark red and orange hues at 20' - 23' bgs.
						Note: Groundwater at 21' bgs.
1	25			25.0 / 0.0	Bottom of Exploration at 25.0 feet	
-4						

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-111/MW-8
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/23/2024
Client:		Date Completed:	10/23/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: EMR	Checked by:
Exploration Method:	Push Probe	Coordinates: N: 475663.15	E: 1451777.81 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation: 22.3 feet	(NAVD 88)
		General Remarks: None	
Hole Diameter:			
Total Depth:	25.0 feet	Status: Final	

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		93			Poorly-graded SAND (SP), gray, gravel, FILL	
				2.0 / 20.3	Poorly-graded SAND (SP), brown, gravel, glass shards, FILL	
				2.9 / 19.4	Poorly-graded SAND (SP), black, gravel, glass shards, FILL	
				3.2 / 19.1	Well-graded SAND (SW), reddish brown, fine grained sand, trace fines and gravel, FILL	
18	5	43		4.0 / 18.3	Poorly-graded SAND (SP), dark brown to black, gravel, trace fines, glass shards, FILL	
13	10	20				
8	15	35				
				19.0 / 3.3	Lean CLAY (CL), moist, dark brown to black, sand, some gravel, NATIVE SOIL	
3	20	38		20.0 / 2.3	Lean CLAY (CL), moist, olive, sand, NATIVE SOIL	
						Note: Groundwater at 23' bgs.
-2	25			25.0 / -2.7	Bottom of Exploration at 25.0 feet	
-7						

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-112/MW-10
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/21/2024
Client:		Date Completed:	10/21/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475554.54 E: 1451798.69 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	21.8 feet (NAVD 88)
		General Remarks:	None
Hole Diameter:			
Total Depth:	20.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		42		0.4	Poorly-graded GRAVEL (GP), FILL	
				21.4	Poorly-graded SAND (SP), gray to white, some travel, trace fines, FILL	
17	5	52		5.0	Poorly-graded SAND (SP), dark brown, some travel, trace fines, FILL	
				16.8		
12	10	33		9.5	Poorly-graded SAND (SP), black, medium grained sand, some gravel, NATIVE SOIL	
				12.3		
				14.0	Lean CLAY (CL), moist, dark brown, sand, trave gravel, NATIVE SOIL	
				7.8		
7	15	0		15.0	NATIVE SOIL	
				6.8		
						Note: Soil noted as dry at depth of termination.
2	20			20.0	Bottom of Exploration at 20.0 feet	
				1.8		
-3	25					

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-113
Sheet: 1 of 1

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/15/2024
Client:	Date Completed: 10/15/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM/EMR Checked by:
Exploration Method: Push Probe	Coordinates: N: 476034.09 E: 1451832.54 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 36.4 feet (NAVD 88)
	General Remarks: None
Total Depth: 20.0 feet	Status: Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		73		0.3 / 36.1	TOPSOIL	
					Clayey SAND (SC), moist, light brown, NATIVE SOIL	
				2.0 / 34.4	Lean CLAY (CL),moist, light brown, sand, NATIVE SOIL	
32	5	83				
27				9.5 / 26.9	Lean CLAY (CL), moist, tan, sand, trace gravel, NATIVE SOIL	
	10	87				
22	15	93				
				19.0 / 17.4	Clayey SAND (SC), moist, tan, NATIVE SOIL	
17	20			20.0 / 16.4	Bottom of Exploration at 20.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-113E
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/15/2024
Client:		Date Completed:	10/15/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 476030.03 E: 1451841.17 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	36.3 feet (NAVD 88)
		General Remarks:	None
Total Depth:	20.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		90		0.3	TOPSOIL	
				36.0	Lean CLAY (CL), moist, light brown, trace gravel, NATIVE SOIL	
				3.5		
				32.8	Lean CLAY (CL), moist, light brown, trace sand, NATIVE SOIL	
32						
	5	45				
				9.0		
				27.3	Lean CLAY (CL), moist, light brown, sand, NATIVE SOIL	
27						
	10	22				
22						
				15.0		
	15	75		21.3	Clayey SAND (SC), moist, red-brown, NATIVE SOIL	
				16.0		
				20.3	Clayey SAND (SC), moist, olive-brown, NATIVE SOIL	
				18.0		
				18.3	Lean CLAY (CL), moist, olive-brown, sand, NATIVE SOIL	Note: Groundwater at 18' bgs.
17						
	20			20.0		
				16.3	Bottom of Exploration at 20.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-113N
Sheet: 1 of 1

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/15/2024
Client:	Date Completed: 10/15/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM/EMR Checked by:
Exploration Method: Push Probe	Coordinates: N: 476037.22 E: 1451821.42 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 36.4 feet (NAVD 88)
	General Remarks: None
Total Depth: 20.0 feet	Status: Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		63		0.3 / 36.1	TOPSOIL	
					Clayey SAND (SC), moist, yellow-brown, some gravel, NATIVE SOIL	
				2.0 / 34.4	Lean CLAY (CL), moist, brown, some gravel, NATIVE SOIL	
				3.0 / 33.4	Lean CLAY (CL), olive-black, petroleum odor, sand, staining, NATIVE SOIL	
				4.0 / 32.4	Poorly-graded SAND (SP), moist, brown-black, trace fines, NATIVE SOIL	
32						
	5	75		5.0 / 31.4	Lean CLAY (CL), moist, light brown, sand, NATIVE SOIL	
27						
	10	88		10.0 / 26.4	Clayey SAND (SC), moist, red-light brown, NATIVE SOIL	
22						
	15	95				
						Note: Groundwater at 17' bgs.
17						
	20			20.0 / 16.4	Bottom of Exploration at 20.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-113S
Sheet: 1 of 1

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/15/2024
Client:	Date Completed: 10/15/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM/EMR Checked by:
Exploration Method: Push Probe	Coordinates: N: 476043.33 E: 1451835.68 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 36.2 feet (NAVD 88)
	General Remarks: None
Total Depth: 20.0 feet	Status: Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		60		0.3 / 35.9	TOPSOIL	
					Lean CLAY (CL), moist, yell0w-brown, sand, FILL	
				1.5 / 34.7	Poorly-graded SAND (SP), moist, yellow-brown, gravel, FILL	
				2.5 / 33.7	Lean CLAY (CL), moist, brown, trace sand, NATIVE SOIL	
32						
	5	88				
27						
	10	25		10.5 / 25.7	Lean CLAY (CL), moist, gray-brown, NATIVE SOIL	
				12.5 / 23.7	Lean CLAY (CL),moist, red-brown, trace sand, NATIVE SOIL	
22						
	15	52				
17						
	20			20.0 / 16.2	Bottom of Exploration at 20.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-113W
Sheet: 1 of 1

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/15/2024
Client:	Date Completed: 10/15/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM/EMR Checked by:
Exploration Method: Push Probe	Coordinates: N: 476024.28 E: 1451828.62 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 36.4 feet (NAVD 88)
	General Remarks: None
Total Depth: 20.0 feet	Status: Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		58		0.3 / 36.1	TOPSOIL Clayey SAND (SC), moist, yellow-brown, NATIVE SOIL	
				3.0 / 33.4	Poorly-graded SAND (SP),moist, brown, gravel, NATIVE SOIL	
32	5	87		5.0 / 31.4	Lean CLAY (CL), moist, brown, trace sand, NATIVE SOIL	
27	10	5		10.0 / 26.4	Lean CLAY (CL), moist, red-brown, NATIVE SOIL	
22	15	48		16.0 / 20.4	Lean CLAY (CL), moist, light brown, sand, NATIVE SOIL	
17	20			20.0 / 16.4	Bottom of Exploration at 20.0 feet	Note: Soil noted as dry at depth of termination.

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

Exploration No: SB-114/MW-9
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/24/2024
Client:		Date Completed:	10/24/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: EMR	Checked by:
Exploration Method:	Push Probe	Coordinates: N: 476082.32	E: 1451794.91 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation: 39.8 feet	(NAVD 88)
		General Remarks: None	
Hole Diameter:			
Total Depth:	25.0 feet	Status: Final	

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		70		0.3 / 39.5	TOPSOIL	
					Clayey SAND (SC), moist, gray-black, some gravel, NATIVE SOIL	
				2.0 / 37.8	Lean CLAY (CL), moist, light brown, NATIVE SOIL	
35	5	85				
				7.0 / 32.8	Clayey SAND (SC), moist, brown to red, NATIVE SOIL	
30	10	80				
				15.0 / 24.8	Lean CLAY (CL), moist, brown to red, sand, NATIVE SOIL	
25	15	73				
20	20	62				
						Note: Groundwater at 22' bgs.
15	25			25.0 / 14.8	Bottom of Exploration at 25.0 feet	
10						

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

HALEY ALDRICH

SOIL BORING LOG

Exploration No: SB-115/MW-11
Sheet: 1 of 2

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/24/2024
Client:		Date Completed:	10/24/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: EMR	Checked by:
Exploration Method:	Push Probe	Coordinates: N: 476065.27	E: 1451873.99 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation: 39.6 feet	(NAVD 88)
		General Remarks: None	
Hole Diameter:			
Total Depth:	35.0 feet	Status: Final	

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		82		0.4	TOPSOIL	
				39.2	Clayey SAND (SC), moist, light brown, trace gravel, NATIVE SOIL	
				3.0		
				36.6	Clayey SAND (SC),moist, brown to red, some gravel, NATIVE SOIL	
35	5	73				
				8.8		
				30.8	Poorly-graded SAND (SP), moist, tan, medium to coarse sand, fines, NATIVE SOIL	
30	10	78		9.8		
				29.8	Clayey SAND (SC), moist, black, petroleum odor, medium sand, staining, NATIVE SOIL	
				13.5		
				26.1	Clayey SAND (SC), dark brown to gray, mild petroleum odor, medium sand, staining, NATIVE SOIL	
25	15	88		16.0		
				23.6	Lean CLAY (CL), dark brown to gray, petroleum odor, sand, staining, NATIVE SOIL	
20	20	83		22.0		
				17.6	Lean CLAY (CL), moist, light browm, petroleum odor, sand, NATIVE SOIL	
15	25	80		28.5		
				11.1	Clayey SAND (SC), gray with red mottling, petroleum odor, NATIVE SOIL	
10						

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

Exploration No: SB-115/MW-11
Sheet: 2 of 2

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/24/2024
Client:	Date Completed: 10/24/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: EMR Checked by:
Exploration Method: Push Probe	Coordinates: N: 476065.27 E: 1451873.99 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 39.6 feet (NAVD 88)
	General Remarks: None
Hole Diameter:	
Total Depth: 35.0 feet	Status: Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		100		31.5 / 8.1	Clayey SAND (SC), wet, reddish brown, NATIVE SOIL	Note: Groundwater at 31' bgs.
5	35			35.0 / 4.6	Bottom of Exploration at 35.0 feet	
0	40					
-5	45					
-10	50					
-15	55					
-20						

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-116/MW-13
Sheet: 1 of 1

Project: 932 & 935 Spa Road	Project No: 0209099
Location: Annapolis, Maryland	Date Started: 10/21/2024
Client:	Date Completed: 10/21/2024

Contractor/Crew: A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM/EMR Checked by:
Exploration Method: Push Probe	Coordinates: N: 475490.15 E: 1451891.88 ()
Equip. Make/Model: Geoprobe® 7822DT	Ground Surface Elevation: 21.6 feet (NAVD 88)
	General Remarks: None
Hole Diameter:	
Total Depth: 20.0 feet	Status: Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		60			Poorly-graded SAND (SP), tan to black, gravel, trace fines, FILL	
				1.5 / 20.1	Clayey SAND (SC), moist, dark brown, trace gravel, FILL	
				3.5 / 18.1	Poorly-graded SAND (SP),black, gravel, FILL	
17	5	30		5.0 / 16.6	Clayey SAND (SC), moist,dark brown, gravel, FILL	
12	10	52		10.0 / 11.6	Poorly-graded SAND (SP), moist, dark brown to black, gravel, trace clay, FILL	Note: Glass 10' - 11' bgs.
7	15	28		15.0 / 6.6	Well-graded GRAVEL (GW), moist, black, trace fines, FILL	Note: Glass 15' - 16' bgs. Note: Groundwater at 15.5' bgs.
2	20			20.0 / 1.6	Bottom of Exploration at 20.0 feet	
-3	25					
-8						

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-117/MW-14
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/22/2024
Client:		Date Completed:	10/22/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM	Checked by:
Exploration Method:	Push Probe	Coordinates: N: 475370.80	E: 1452154.18 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation: 20.3 feet	(NAVD 88)
		General Remarks: None	
Hole Diameter:			
Total Depth:	25.0 feet	Status: Final	

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		72		0.5	Poorly-graded SAND (SP), black, gravel, FILL	
				19.8	Poorly-graded SAND (SP), white to gray, gravel, FILL	
				3.0		
				17.3	Poorly-graded SAND (SP), black, gravel, FILL	
16				4.5		
				15.8	Lean CLAY (CL), moist, light brown, some gravel, FILL	
	5	80		5.0	Lean CLAY (CL), moist, dark brown to brown, trace gravel, FILL	
				15.3		
11						
	10	83				
				13.8		
				6.5	Lean CLAY (CL), moist, blackish gray, organic odor, trace gravel, FILL	
6				15.0		
	15	93		5.3	Lean CLAY (CL), moist, blackish gray, some gravel, FILL	
				18.0		
				2.3	Clayey SAND (SC), olive to tan, medium graned sand, some gravel, FILL	
1				20.0		
	20	57		0.3	Clayey SAND (SC), blackish gray, coarse grained sand, gravel, FILL	
				22.0		
				-1.7	Lean CLAY (CL), moist, brown, organic odor, sand, trace gravel, FILL	
-4						Note: Groundwater at 24' bgs.
	25			25.0		
				-4.7	Bottom of Exploration at 25.0 feet	
-9						

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-118
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/18/2024
Client:		Date Completed:	10/18/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by:	JRM/EMR Checked by:
Exploration Method:	Push Probe	Coordinates:	N: 475444.92 E: 1452192.56 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation:	18.6 feet (NAVD 88)
		General Remarks:	None
Total Depth:	20.0 feet	Status:	Final

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		52			Poorly-graded SAND (SP), gray-white, gravel, FILL	
				1.7		
				17.0	Poorly-graded SAND (SP), dark brown-black, medium grained sand, grave, trace fines, FILL	
				3.6		
				15.0	Lean CLAY (CL), moist, brown, sand, FILL	
14				5.0		
	5	82		13.6	Lean CLAY (CL), moist, olive-dark gray, sand, gravel, FILL	
						Note: Red brick 6' - 6.4' bgs.
9				10.0		
	10	42		8.6	FILL	
				13.0		
				5.6	Lean CLAY (CL), moist, dark brown, sand, trace gravel, FILL	
				14.2		
				4.4	Poorly-graded SAND (SP), grayish black, gravel, FILL	
4				15.0		
	15	75		3.6	Lean CLAY (CL), moist, olive brown, sand, NATIVE SOIL	
				18.0		
				0.6	Lean CLAY (CL), moist, black, sand, NATIVE SOIL	
				19.0		
				-0.4	Lean CLAY (CL), moist, dark brown, sand, NATIVE SOIL	
-1				20.0		
	20			-1.4	Bottom of Exploration at 20.0 feet	

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

SOIL BORING LOG

HALEY ALDRICH

Exploration No: SB-119/MW-15
Sheet: 1 of 1

Project:	932 & 935 Spa Road	Project No:	0209099
Location:	Annapolis, Maryland	Date Started:	10/22/2024
Client:		Date Completed:	10/22/2024

Contractor/Crew:	A-ZONE ENVIRONMENTAL / Thomas Hill	Logged by: JRM	Checked by:
Exploration Method:	Push Probe	Coordinates: N: 475380.78	E: 1452350.42 ()
Equip. Make/Model:	Geoprobe® 7822DT	Ground Surface Elevation: 15.6 feet	(NAVD 88)
		General Remarks: None	
Hole Diameter:			
Total Depth:	20.0 feet	Status: Final	

Material Description and Remarks

Elevation (feet)	Depth (feet)	Recovery (%) / [RQD (%)]	Graphic Log	Depth / Elevation (feet)	ASTM Group Name (ASTM SYMBOL), density, moisture, color, odor, structure, additional description, GEOLOGIC NAME	Depth Related Remarks
		85		0.8	Poorly-graded SAND (SP), black, gravel, medium grained sand, FILL	
				14.8	Poorly-graded SAND (SP), white and black, some gravel, medium grained sand, FILL	
				2.8		
				12.8	Lean CLAY (CL), moist, brown, sand, gravel, red brick fragments, FILL	
11	5	58				
				8.5		
				7.1	Poorly-graded SAND (SP), brown, medium grained sand, FILL	
6	10			10.0		
		52		5.6	FILL	
				10.5	Lean CLAY (CL), moist, blackish-gray, some gravel, FILL	
				5.1		
1	15	40		15.0		
				0.6		
				18.0		
				-2.4	Lean CLAY (CL), moist, olive, trace gravel, sand, NATIVE SOIL	Note: Groundwater at 18' bgs.
				19.6		
-4	20			-4.0	Lean CLAY (CL), moist, black, trace gravel, sand, NATIVE SOIL	
				20.0	Bottom of Exploration at 20.0 feet	
				-4.4		
-9	25					
-14						

General Notes:

1. Refer to Key to Exploration Logs for explanation of descriptions and symbols.
2. Material stratum lines are interpretive and actual changes may be gradual. Solid lines indicate distinct contacts and dashed lines indicate gradual or approximate contacts.
3. USCS designations are generally based on visual-manual identification (ASTM D 2488), unless otherwise supported by laboratory testing (ASTM D 2487).
4. Groundwater level, if indicated, is at time of drilling/excavation (ATD) or for date specifed. Level may vary with time.
5. Location and ground surface elevations are approximate.

Produced on: 03 January 2025, 08:21 (UTC)

APPENDIX C
Groundwater Sampling Forms

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-3

Date: 10/30/2024 **Well Depth:** 23.80 ft **Initial Depth to Water:** 18.52 ft **Purging Device:** Peristaltic Pump
Start Time: 10:00 **Depth to Top of Screen:** 13.50 ft **Depth to Pump Intake:** 19.50 ft **Tubing Present in Well:** No
Sample Time: 10:45 **Depth to Bottom of Screen:** 23.50 ft **Date Well Installed:** 10/29/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
10:10	18.52	100	--	18.64	7.05	68.8	0.20	10.7	-117	
10:15	18.52	100	0.5	19.38	7.25	69.0	0.03	7.9	-156	
10:20	18.52	100	1.0	19.60	7.29	69.0	0.00	0.0	-167	
10:25	18.52	100	1.5	19.78	7.31	69.0	0.00	0.0	-173	
10:30	18.52	100	2.0	19.93	7.31	68.9	0.00	0.0	-175	
10:35	18.52	100	2.5	20.01	7.33	68.9	0.00	0.0	-175	
10:40	18.52	100	3.0	20.13	7.34	68.7	0.00	0.0	-174	

Field Representative: JRM/EMR

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-4

Date: 10/31/2024 **Well Depth:** 32.00 ft **Initial Depth to Water:** 20.05 ft **Purging Device:** Peristaltic Pump
Start Time: 11:20 **Depth to Top of Screen:** 21.70 ft **Depth to Pump Intake:** 26.00 ft **Tubing Present in Well:** No
Sample Time: 12:00 **Depth to Bottom of Screen:** 31.70 ft **Date Well Installed:** 10/29/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
11:25	20.10	100	--	20.82	5.87	0.339	2.52	10.3	199	
11:30	20.10	100	0.5	20.51	5.75	0.309	2.30	7.9	212	
11:35	20.10	100	1.0	21.10	5.69	0.288	2.07	0.0	216	
11:40	20.10	100	1.5	21.84	5.63	0.273	2.02	0.0	219	
11:45	20.10	100	2.0	22.25	5.63	0.267	1.98	0.0	220	
11:50	20.10	100	2.5	22.97	5.61	0.263	1.92	0.0	221	
11:55	20.10	100	3.0	23.04	5.60	0.259	1.91	0.0	222	

Field Representative: JRM/EMR

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-5

Date: 11/04/2024 **Well Depth:** 21.30 ft **Initial Depth to Water:** 16.85 ft **Purging Device:** Peristaltic Pump
Start Time: 10:50 **Depth to Top of Screen:** 11.00 ft **Depth to Pump Intake:** 18.00 ft **Tubing Present in Well:** No
Sample Time: 11:20 **Depth to Bottom of Screen:** 21.00 ft **Date Well Installed:** 10/30/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
10:55	16.85	100	--	17.22	6.75	0.971	0.09	0.0	-104	
11:00	16.85	100	0.5	17.23	6.77	0.966	0.00	0.0	-108	
11:05	16.85	100	1.0	17.30	6.77	0.957	0.00	0.0	-109	
11:10	16.85	100	1.5	17.32	6.77	0.956	0.00	0.0	-109	
11:15	16.85	100	2.0	17.33	6.78	0.951	0.00	0.0	-110	

Field Representative: JRM/EMR

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-6

Date: 10/28/2024 **Well Depth:** 25.00 ft **Initial Depth to Water:** 15.55 ft **Purging Device:** Peristaltic Pump
Start Time: 12:45 **Depth to Top of Screen:** 15.00 ft **Depth to Pump Intake:** 20.00 ft **Tubing Present in Well:** No
Sample Time: 13:30 **Depth to Bottom of Screen:** 25.00 ft **Date Well Installed:** 10/23/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
12:45	15.55	100	--	17.60	7.37	17.9	0.52	25.0	-127	Organic odor
12:50	15.54	100	0.5	17.46	7.47	18.0	0.53	10.7	-128	Organic odor
12:55	15.54	100	1.0	17.15	7.64	17.9	0.00	10.2	-173	Organic odor
13:00	15.55	100	1.5	17.08	7.74	17.5	0.00	1.3	-191	Organic odor
13:05	15.55	100	2.0	17.08	7.76	17.2	0.00	0.5	-193	Organic odor
13:10	15.55	100	2.5	17.06	7.78	17.0	0.00	0.2	-195	Organic odor
13:15	15.55	100	3.0	17.07	7.78	17.0	0.00	0.0	-195	Organic odor

Field Representative: JRM/EMR

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-7

Date: 10/28/2024 **Well Depth:** 25.20 ft **Initial Depth to Water:** 16.44 ft **Purging Device:** Peristaltic Pump
Start Time: 13:40 **Depth to Top of Screen:** 14.90 ft **Depth to Pump Intake:** 12.00 ft **Tubing Present in Well:** No
Sample Time: 15:00 **Depth to Bottom of Screen:** 24.90 ft **Date Well Installed:** 10/23/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
13:45	16.57	100	--	26.41	5.56	0.156	1.96	386	285	
13:50	16.57	100	0.5	25.46	5.63	0.147	1.37	344	276	
13:55	16.57	100	1.0	23.81	5.65	0.134	1.29	343	272	
14:00	16.61	100	1.5	23.81	5.58	0.132	0.87	272	272	Flush out flow cell
14:05	16.61	100	2.0	22.65	5.51	0.139	0.91	71.4	270	
14:10	16.61	100	2.5	22.14	5.48	0.137	0.80	48.7	270	
14:15	16.61	100	3.0	21.90	5.48	0.134	0.76	50.9	270	
14:20	16.61	100	3.5	21.99	5.43	0.131	0.52	50.8	270	
14:25	16.64	100	4.0	21.74	5.42	0.130	0.34	47.2	269	
14:30	16.64	100	4.5	22.01	5.40	0.128	0.15	48.8	267	
14:35	16.64	100	5.0	21.83	5.41	0.128	0.15	32.5	266	
14:40	16.64	100	5.5	21.81	5.41	0.126	0.04	34.3	263	
14:45	16.64	100	6.0	21.67	5.40	0.124	0.00	17.5	261	
14:50	16.64	100	6.5	21.54	5.40	0.124	0.00	15.1	260	
14:55	16.64	100	7.0	21.35	5.40	0.124	0.00	15.7	259	

Field Representative: JRM/EMR

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-8

Date: 10/28/2024 **Well Depth:** 30.3 ft **Initial Depth to Water:** 14.35 ft **Purging Device:** Peristaltic Pump
Start Time: 10:50 **Depth to Top of Screen:** 20.00 ft **Depth to Pump Intake:** 25.00 ft **Tubing Present in Well:** No
Sample Time: 11:30 **Depth to Bottom of Screen:** 30.00 ft **Date Well Installed:** 10/23/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
10:50	14.35	100	--	16.96	7.30	0.125	1.67	29.9	111	
10:55	14.52	100	0.5	18.42	6.01	0.115	1.26	19.4	99	
11:00	14.45	100	1.0	18.18	6.02	0.116	1.14	4.8	96	
11:05	14.59	100	1.5	19.62	6.01	0.112	0.08	12.5	96	
11:10	14.59	100	2.0	19.48	5.97	0.111	0.00	6.5	96	
11:15	14.59	100	2.5	19.43	5.99	0.110	0.00	4.5	94	
11:20	14.59	100	3.0	19.44	5.99	0.110	0.00	0.5	94	
11:25	14.59	100	3.5	19.60	5.99	0.110	0.00	0.0	93	

Field Representative: JRM/EMR

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-9

Date: 10/29/2024 **Well Depth:** 30.35 ft **Initial Depth to Water:** 21.26 ft **Purging Device:** Peristaltic Pump
Start Time: 08:20 **Depth to Top of Screen:** 20.05 ft **Depth to Pump Intake:** 25.00 ft **Tubing Present in Well:** No
Sample Time: 09:20 **Depth to Bottom of Screen:** 30.05 ft **Date Well Installed:** 10/24/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
8:25	21.26	100	--	17.25	5.40	0.390	4.93	81.5	273	
8:30	21.33	100	0.5	17.36	5.39	0.392	5.32	51.8	273	
8:35	21.30	100	1.0	17.35	5.36	0.390	4.31	10.7	274	
8:40	21.30	100	1.5	17.44	5.36	0.388	3.98	0.0	276	
8:45	21.30	100	2.0	17.43	5.37	0.389	3.92	0.0	278	
8:50	21.30	100	2.5	17.50	5.35	0.387	3.31	0.0	281	
8:55	21.30	100	3.0	17.60	5.40	0.387	3.15	0.0	297	
9:00	21.30	100	3.5	17.65	5.39	0.385	3.07	0.0	282	
9:05	21.30	100	4.0	17.68	5.37	0.384	3.13	0.0	283	
9:10	21.30	100	4.5	17.65	5.36	0.383	3.09	0.0	284	
9:15	21.30	100	5.0	17.67	5.37	0.382	3.11	0.0	285	

Field Representative: JRM/EMR

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-10

Date: 10/28/2024 **Well Depth:** 22.30 ft **Initial Depth to Water:** 18.34 ft **Purging Device:** Peristaltic Pump
Start Time: 09:25 **Depth to Top of Screen:** 12.00 ft **Depth to Pump Intake:** 19.00 ft **Tubing Present in Well:** No
Sample Time: 10:20 **Depth to Bottom of Screen:** 22.00 ft **Date Well Installed:** 10/21/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
9:35	18.34	100	--	14.08	7.05	6.95	0.69	592	-101	
9:40	18.40	100	0.5	16.13	7.29	7.12	0.12	284	-135	Flush out flow cell
9:45	18.40	100	1.0	16.43	7.49	7.23	0.00	60.1	-165	
9:50	18.40	100	1.5	16.59	7.53	7.21	0.00	35.7	-170	
9:55	18.41	100	2.0	16.62	7.55	7.20	0.00	21.7	-173	
10:00	18.40	100	2.5	16.67	7.56	7.19	0.00	14.8	-175	
10:05	18.41	100	3.0	16.75	7.58	7.16	0.00	9.2	-177	
10:10	18.41	100	3.5	16.76	7.60	7.16	0.00	10.2	-180	
10:15	18.41	100	4.0	16.77	7.60	7.14	0.00	1.10	-180	

Field Representative: JRM/EMR

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-11

Date: 10/30/2024 **Well Depth:** 39.23 ft **Initial Depth to Water:** 24.20 ft **Purging Device:** Submersible Pump
Start Time: 13:40 **Depth to Top of Screen:** 29.00 ft **Depth to Pump Intake:** 34.00 ft **Tubing Present in Well:** No
Sample Time: 14:25 **Depth to Bottom of Screen:** 39.00 ft **Date Well Installed:** 10/24/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
13:40	24.2	100	--	19.99	5.45	0.216	4.35	>1000	278	
13:45	24.3	100	0.5	19.72	5.17	0.217	6.93	755	286	
13:50	24.2	100	1.0	20.14	4.98	0.214	6.52	345	307	Flush out flow cell
13:55	24.75	100	1.5	19.73	5.07	0.221	3.57	72.5	310	
14:00	24.24	100	2.0	19.71	5.07	0.224	3.40	35.3	314	
14:05	24.26	100	2.5	19.40	5.04	0.226	3.17	6.7	318	
14:10	24.26	100	3.0	19.46	5.13	0.227	3.07	0.8	317	
14:15	24.26	100	3.5	19.60	5.13	0.227	3.10	0.0	319	
14:20	24.26	100	4.0	19.71	5.12	0.226	3.10	0.0	323	

Field Representative: JRM/EMR

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-12

Date: 10/30/2024 **Well Depth:** 40.00 ft **Initial Depth to Water:** 18.96 ft **Purging Device:** Submersible Pump
Start Time: 15.05 **Depth to Top of Screen:** 29.70 ft **Depth to Pump Intake:** 35.00 ft **Tubing Present in Well:** No
Sample Time: 16:20 **Depth to Bottom of Screen:** 39.70 ft **Date Well Installed:** 10/25/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
15:10	18.96	100	--	19.32	6.04	0.208	7.19	>1000	35	
15:15	19.21	100	0.5	19.30	6.00	0.209	0.34	>1000	32	
15:20	19.25	100	1.0	19.11	6.00	0.209	0.00	>1000	26	
15:25	19.25	100	1.5	19.00	5.99	0.210	0.00	867	28	
15:30	19.25	100	2.0	19.07	6.03	0.209	0.00	466	21	
15:35	19.65	100	2.5	19.04	6.02	0.209	0.00	192	17	
15:40	19.56	100	3.0	18.93	6.02	0.209	0.00	83.5	15	
15:45	19.56	100	3.5	18.96	6.03	0.209	0.00	59.3	13	
15:50	19.62	100	4.0	18.62	6.04	0.209	0.00	32.7	11	
15:55	19.32	100	4.5	18.48	6.02	0.210	0.00	22.0	12	
16:00	19.45	100	5.0	18.06	6.06	0.211	0.00	21.4	10	
16:05	19.56	100	5.5	17.92	6.05	0.210	0.00	5.4	10	
16:10	19.5	100	6.0	18.16	6.04	0.210	0.00	6.3	11	
16:15	19.52	100	6.5	18.11	6.06	0.210	0.00	2.9	10	

Field Representative: JRM/EMR

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-13

Date: 10/30/2024 **Well Depth:** 30.55 ft **Initial Depth to Water:** 17.90 ft **Purging Device:** Peristaltic Pump
Start Time: 07:55 **Depth to Top of Screen:** 20.25 ft **Depth to Pump Intake:** 25.00 ft **Tubing Present in Well:** No
Sample Time: 09:20 **Depth to Bottom of Screen:** 30.25 ft **Date Well Installed:** 10/17/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
8:00	17.90	100	--	16.54	6.83	4.22	0.36	594	-92	
8:05	17.90	100	0.5	17.07	7.07	4.15	0.00	712	-131	
8:10	17.90	100	1.0	17.05	7.10	4.13	0.00	611	-134	
8:15	17.90	100	1.5	17.08	7.10	4.11	0.00	564	-135	
8:20	17.90	100	2.0	17.09	7.12	4.10	0.00	509	-132	
8:25	--	--	--	--	--	--	--	--	--	Pump stopped
8:30	--	--	--	--	--	--	--	--	--	Pump stopped
8:35	17.90	100	2.5	17.04	7.14	4.11	0.00	476	-133	
8:40	17.90	100	3.0	17.00	7.15	4.12	0.00	464	-134	
8:45	17.90	100	3.5	17.01	7.16	4.13	0.00	450	-138	
8:50	17.90	100	4.0	17.04	7.17	4.14	0.00	441	-141	
8:55	17.90	100	4.5	17.02	7.18	4.15	0.00	456	-143	
9:00	17.90	100	5.0	17.08	7.19	4.14	0.00	447	-144	
9:05	17.90	100	5.5	17.09	17.19	4.16	0.00	436	-145	
9:10	17.90	100	6.0	17.06	7.20	4.17	0.00	440	-145	
9:15	17.90	100	6.5	17.08	7.19	4.16	0.00	443	-146	

Field Representative: JRM/EMR

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-14

Date: 10/25/2024 **Well Depth:** 30.30 ft **Initial Depth to Water:** 18.01 ft **Purging Device:** Peristaltic Pump
Start Time: 09:15 **Depth to Top of Screen:** 30.00 ft **Depth to Pump Intake:** 27.00 ft **Tubing Present in Well:** No
Sample Time: 09:50 **Depth to Bottom of Screen:** 20.00 ft **Date Well Installed:** 10/18/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
9:15	18.01	100	--	11.38	6.61	1.82	2.58	44.0	-111	Mild petroleum odor
9:20	18.42	100	0.5	13.14	6.61	1.79	0.62	57.1	-125	Mild petroleum odor
9:25	18.42	100	1.0	13.74	6.63	1.75	0.25	39.9	-128	Mild petroleum odor
9:30	18.44	100	1.5	14.32	6.61	1.72	0.04	34.1	-127	Mild petroleum odor
9:35	18.44	100	2.0	14.46	6.62	1.73	0.00	49.5	-128	Mild petroleum odor
9:40	18.46	100	2.5	14.59	6.62	1.74	0.00	50.9	-128	Mild petroleum odor
9:45	18.45	100	3.0	14.69	6.63	1.82	0.00	48.2	-129	Mild petroleum odor

Field Representative: JRM/EMR

APPENDIX C
SUMMARY OF LOW FLOW SAMPLING
CITY OF ANNAPOLIS
ANNAPOLIS, MARYLAND

MW-15

Date: 10/24/2024 **Well Depth:** 25.38 ft **Initial Depth to Water:** 14.76 ft **Purging Device:** Peristaltic Pump
Start Time: 15:10 **Depth to Top of Screen:** 15.08 ft **Depth to Pump Intake:** 20.00 ft **Tubing Present in Well:** No
Sample Time: 15:40 **Depth to Bottom of Screen:** 25.08 ft **Date Well Installed:** 10/22/2024 **Tubing Type:** LDPE

Elapsed Time	Depth to Water (ft)	Purge Rate (ml/min)	Cumulative Purge Vol. (liters)	Temperature (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (mv)	Comments
15:10	14.76	100	--	20.80	6.84	2.21	1.18	310	-130	
15:15	14.85	100	0.5	20.18	6.92	2.14	0.04	294	-145	
15:20	14.85	100	1.0	19.97	6.93	2.09	0.16	255	-147	
15:25	14.86	100	1.5	20.33	6.93	2.02	0.45	60.1	-137	
15:30	14.86	100	2.0	20.43	6.90	2.01	0.09	60.3	-140	
15:35	14.85	100	2.5	20.42	6.89	2.0	0.00	62.4	-140	
15:40	14.86	100	3.0	20.47	6.89	2.0	0.00	63.4	-140	

Field Representative: JRM/EMR

APPENDIX D
Surface Water Sampling Forms

HALEY ALDRICH

SURFACE WATER SAMPLING FORM

PROJECT	Spa Road	H&A FILE NO.	0209099-002
LOCATION	Annapolis MD	PROJECT MGR.	M. Rudrow
CLIENT	CoA	FIELD REP.	JRM/EMR
SAMPLE ID	SW-01	SAMPLING DATE	11/01/2024

Elapsed Time (24 hour)	Depth (ft)	Salinity (ppt)	Temperature (°F) or (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP/eH (mv)	Comments
10:23	0-1	0	11.18	8.23	0.303	9.15	74.3	-108.7	
10:24	0-1	0	11.14	7.87	0.279	5.30	55.0	-94.3	
10:25	0-1	0	11.14	7.63	0.274	3.51	72.2	-85.0	
10:26	0-1	0	11.20	7.54	0.274	2.94	72.5	-81.6	
10:27	0-1	0	11.23	7.50	0.275	2.67	59.1	-80.3	

HALEY ALDRICH

SURFACE WATER SAMPLING FORM

PROJECT	Spa Road	H&A FILE NO.	0209099-002
LOCATION	Annapolis MD	PROJECT MGR.	M. Rudrow
CLIENT	CoA	FIELD REP.	JRM/EMR
SAMPLE ID	SW-02	SAMPLING DATE	11/01/2024

Elapsed Time (24 hour)	Depth (ft)	Salinity (ppt)	Temperature (°F) or (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP/eH (mv)	Comments
10:53	0-1	0	11.29	6.87	0.455	8.18	2.7	-5.2	
10:54	0-1	0	11.30	6.86	0.456	7.95	1.5	-4.8	
10:55	0-1	0	11.34	6.77	0.495	6.48	2.4	0.8	
10:56	0-1	0	11.29	6.68	0.496	7.14	0.0	6.1	
10:57	0-1	0	11.28	6.68	0.496	6.63	0.0	7.5	

HALEY ALDRICH

SURFACE WATER SAMPLING FORM

PROJECT	Spa Road	H&A FILE NO.	0209099-002
LOCATION	Annapolis MD	PROJECT MGR.	M. Rudrow
CLIENT	CoA	FIELD REP.	EMR
SAMPLE ID	SW-04	SAMPLING DATE	11/04/2024

Elapsed Time (24 hour)	Depth (ft)	Salinity (ppt)	Temperature (°F) or (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP/eH (mv)	Comments
10:25	0-1	0	10.09	7.54	0.515	8.60	0.0	-40.1	
10:26	0-1	0	10.00	7.42	0.511	7.55	0.0	-38.4	
10:27	0-1	0	9.98	7.39	0.511	7.30	0.0	-37.0	
10:28	0-1	0	9.94	7.42	0.510	6.91	0.0	-36.2	
10:29	0-1	0	9.93	7.41	0.509	6.83	0.0	-35.8	

HALEY ALDRICH

SURFACE WATER SAMPLING FORM

PROJECT	Spa Road	H&A FILE NO.	0209099-002
LOCATION	Annapolis MD	PROJECT MGR.	M. Rudrow
CLIENT	CoA	FIELD REP.	EMR
SAMPLE ID	SW-05	SAMPLING DATE	11/04/2024

Elapsed Time (24 hour)	Depth (ft)	Salinity (ppt)	Temperature (°F) or (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP/eH (mv)	Comments
10:14	0-1	1	10.11	7.80	1.281	7.85	57.2	-58.6	
10:15	0-1	1	10.00	7.76	1.203	7.57	57.5	-58.6	
10:16	0-1	1	9.94	7.70	1.171	7.63	49.7	-56.6	
10:17	0-1	1	9.94	7.66	1.135	8.15	37.5	-54.6	
10:18	0-1	1	9.95	7.64	1.052	8.43	28.5	-53.0	

HALEY ALDRICH

SURFACE WATER SAMPLING FORM

PROJECT	Spa Road	H&A FILE NO.	0209099-002
LOCATION	Annapolis MD	PROJECT MGR.	M. Rudrow
CLIENT	CoA	FIELD REP.	EMR
SAMPLE ID	SW-06	SAMPLING DATE	11/04/2024

Elapsed Time (24 hour)	Depth (ft)	Salinity (ppt)	Temperature (°F) or (°C)	pH	Conductivity (us/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP/eH (mv)	Comments
08:47	0-1	16	10.88	7.60	19.04	6.75	6.8	-67.2	
08:48	0-1	16	10.93	7.56	19.58	6.60	7.5	-66.4	
08:49	0-1	17	10.98	7.51	19.97	6.42	0.0	-62.9	
08:50	0-1	17	10.99	7.48	20.10	6.46	0.0	-61.0	
08:51	0-1	17	11.00	7.47	20.24	6.38	0.0	-59.8	

APPENDIX E
Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Molly Rudrow
Haley & Aldrich, Inc.
60 West St.
Suite 215
Annapolis, Maryland 21401

Generated 12/9/2024 2:50:14 PM Revision 1

JOB DESCRIPTION

Spa Road Property Annapolis MD

JOB NUMBER

410-192708-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

my EOL

Eurofins Lancaster Laboratories Environment Testing, LLC

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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Revision 1

Authorized for release by
Vanessa Badman, Project Manager
Vanessa.Badman@et.eurofinsus.com
(717)556-9762

Eurofins Lancaster Laboratories Environment Testing, LLC

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Vanessa M. Badman

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
*3	ISTD response or retention time outside acceptable limits.
cn	Refer to Case Narrative for further detail
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.

GC/MS VOA TICs

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
B	Compound was found in the blank and sample.
cn	Refer to Case Narrative for further detail
J	Indicates an Estimated Value for TICs
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
cn	Refer to Case Narrative for further detail
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, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
A	The tentatively identified compound is a suspected aldol-condensation product.
B	Compound was found in the blank and sample.
cn	Refer to Case Narrative for further detail
J	Indicates an Estimated Value for TICs
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC VOA

Qualifier	Qualifier Description
cn	Refer to Case Narrative for further detail
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
cn	Refer to Case Narrative for further detail
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.

Qualifiers (Continued)

GC Semi VOA (Continued)

Qualifier	Qualifier Description
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.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
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.
cn	Refer to Case Narrative for further detail
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
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.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
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
*+	LCS and/or LCSD is outside acceptance limits, high biased.
cn	Refer to Case Narrative for further detail
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.

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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
410-192708-1

REVISION

The report being provided is a revision of the original report sent on 12/5/2024. The report (revision 1) is being revised due to the reporting of sample -65 for 8270E.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/16/2024 4:20 PM, 10/18/2024 3:58 PM, 10/25/2024 6:12 PM, 10/29/2024 5:15 PM, 10/31/2024 6:07 PM, 11/1/2024 4:25 PM and 11/4/2024 3:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 12 coolers at receipt time were 0.3°C, 0.6°C, 0.7°C, 0.9°C, 0.9°C, 1.4°C, 1.4°C, 1.6°C, 2.2°C, 2.7°C, 3.4°C and 4.8°C.

Receipt Exceptions
The Chain-of-Custody (COC) for samples received on 10/18/24 was incomplete as received. The COC is missing Sample Preservation. This does not meet regulatory requirements. Per the client, the number of containers received by the laboratory is correct. Client provided the below information:
For sample preservation, the following preservatives were applied in the appropriate laboratory-provided containers:
Soil:
VOCs 8260: MeOH, Ice
SVOCs 8270, PCBs 8082, PPL Metals 6020 (including mercury 7470), TPH DRO 8015, PAHs 8270, Cyanide 9012: Ice
TPH GRO 8015: MeOH, Ice

Water (Field and Trip Blanks):
PPL Metals 6020 and Mercury 7470: Nitric Acid, Ice
Cyanide 9012: Ascorbic Acid, NaOH, Ice
VOCs 8260, DRO 8015, GRO 8015: HCL, Ice
SVOCs 8270, PAHs 8270, PCBs 8082, Pesticides 8081, Herbicides 8151: Ice

The following sample(s) was listed on the Chain of Custody (COC); however, no sample(s) was received: TB-08_20241104 (11/04/24)

Samples 410-192708-24 through -75 were received on 10/18/24.

The container count for the following sample did not match what was listed on the Chain-of-Custody (COC): FB-01_20241015 (410-192708-23).
The laboratory received 19 total containers, while the COC lists 15 total containers. Per the client, the number of containers received by the laboratory is correct.

The following sample was received at the laboratory without a sample collection time documented on the chain of custody: FD-05_20241025 (410-192708-81). Entered as 00:00.

Samples 410-192708-76 through -81 were received on 10/25/24.

Samples 410-192708-82 through -87 were received on 10/29/24.

The container count for the following sample did not match what was listed on the Chain-of-Custody (COC): TB-03_20241017 (410-192708-53).
The laboratory received 2 total containers, while the COC lists 4 total containers. Per the client, the number of containers received by the laboratory is correct.

Samples 410-192708-94 through -101 were received on 11/1/24.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): SED-02_0-1_20241101 (410-192708-95). The container labels list 10:55, while the COC lists 10:50. Entered per COC.

Samples 410-192708-88 through -93 were received on 10/31/24.

The container count for the following sample did not match what was listed on the Chain-of-Custody (COC): N-3S_0-1 (410-192708-30).
The laboratory received 1 total containers, while the COC lists 2 total containers. Per the client, the number of containers received by the laboratory is correct.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Analyses were listed on COC, but sample SW-06_20241104 (410-192708-107) was not designated for specific analyses. Entered per containers received.

Samples 410-192708-102 through -108 were received on 11/4/24.

The container count for the following sample did not match what was listed on the Chain-of-Custody (COC): SB-100_18-20 (410-192708-16).
The laboratory received 7 total containers, while the COC lists 5 total containers. Per the client, the number of containers received by the laboratory is correct.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 410-567210 recovered outside acceptance criteria, low biased, for 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone and Methyl acetate. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed on 410-568379 is compliant under 8260C/D method criteria for Carbon tetrachloride . The software does not display the % Drift data to the whole number as is listed in the method (i.e. limit of 20%). When applying the evaluation to a whole number, the check passes the criteria with a value of 20% Drift.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-568379 recovered outside acceptance criteria, low biased, for 1,2,4-Trichlorobenzene, Cyclohexane, Dichlorodifluoromethane, Freon 113, Isopropylbenzene and Methylcyclohexane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-15_20241024 (410-192708-76), MW-14_20241025 (410-192708-80), FD-05_20241025 (410-192708-81), MW-10_20241028 (410-192708-82) and MW-06_20241028 (410-192708-85). Elevated reporting limits (RLs) are provided.

Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container(s): TB-06_20241028 (410-192708-86). The sample container was received with headspace.

Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container(s): MW-03_20241030 (410-192708-90). The sample container was received with headspace.

Method 8260D: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-03_20241030 (410-192708-90). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-574400 recovered outside acceptance criteria, low biased, for Methyl tertiary butyl ether. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with

headspace in the sample container(s): TB-07_20241030 (410-192708-89). The sample container was received with headspace.

Method 8260D: The following sample needs to be re-prepped due to the submitted vial being unusable: FD-01_20241014 (410-192708-10).

Method 8260D: The following samples needs to be re-prepped due to the submitted vial was not usable: SB-115_29-30 (410-192708-26), SB-116_4-5 (410-192708-66) and SB-118_0-1 (410-192708-69[MSD])

Method 8260D: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: FD-01_20241014 (410-192708-10) and SB-113_4-5 (410-192708-19). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-567096 recovered above the upper control limit for Acetone. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-567096 recovered outside acceptance criteria, low biased, for Bromomethane and Carbon tetrachloride. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The following analyte(s) recovered outside control limits for the LCS/LCSD associated with 410-567096: Bromoform and Carbon tetrachloride. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260D: The following samples were diluted due to the nature of the sample matrix: SB-115_21-23 (410-192708-25) and SB-115_29-30 (410-192708-26). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-569193 recovered outside acceptance criteria, low biased, for 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone and Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 410-566500 and 410-567128 and analytical batch 410-569193 recovered outside control limits for the following analytes: 2-Hexanone.

Method 8260D: The following sample needs to be re-prepped due to the submitted vial wasn't usable: SB-113_4-5 MS (410-192708-19[MS])

Method 8260D: Internal standard (ISTD) response for the following sample was outside control limits: SB-116_4-5 (410-192708-66). The sample(s) was re-extracted and/or re-analyzed and ISTD response was outside control limits.

Method 8260D: Internal standard (ISTD) response for the following sample was outside control limits: SB-109_4-5 (410-192708-55). The sample(s) was re-extracted and/or re-analyzed and ISTD response was outside control limits.

Method 8260D: Surrogate recovery for the following sample was outside control limits: SB-109_4-5 (410-192708-55). Re-extraction and/or re-analysis was performed and surrogate recovery was outside control limits.

Method 8260D: Internal standard response for the following sample on batch 410-567264 was outside control limits: SB-111_4-5 (410-192708-60). ISTD response for the corresponding Matrix Spike (MS) and Matrix Spike Duplicate (MSD) confirm matrix interference.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-567264 recovered above the upper control limit for 2-Butanone and Acetone. Non-detections of the affected analytes are reported. Any detections are considered estimated.

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 410-566985 recovered above the upper control limit for 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Nitroaniline, 3-Nitroaniline, 4,6-Dinitro-2-methylphenol and 4-Nitroaniline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 410-572736 was below the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], 4-Nitrophenol and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) associated with batch 410-572736 recovered above the upper control limit for Di-n-butyl phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 410-573243 was below the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) associated with batch 410-573243 recovered above the upper control limit for 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Nitroaniline, 2-Nitrophenol, 3-Nitroaniline, 4,6-Dinitro-2-methylphenol and 4-Nitroaniline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 410-570136 was below the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane]. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: Surrogate recovery for the following sample was outside the upper control limit: MW-06_20241028 (410-192708-85). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-1004707 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1004671 and analytical batch 460-1004707 recovered outside control limits for the following analytes: Atrazine. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E: Surrogate recovery for the following sample was outside of acceptance limits: FB-05_20241024 (410-192708-77). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-1005653 was outside the method criteria for the following analyte(s): Benzaldehyde and Di-n-octyl phthalate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1005521 and analytical batch 460-1005653 recovered outside control limits for the following analytes: 2,4-Dimethylphenol, Acenaphthylene and Atrazine. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 410-573834 was below the method criteria for the following analyte(s): 4-Nitrophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The following samples were diluted due to the nature of the sample matrix: SB-104_0-1 (410-192708-4), SB-106_0-1 (410-192708-6), SB-103_0-1 (410-192708-8), SB-103_4-5 (410-192708-9), FD-01_20241014 (410-192708-10), SB-100_0-1 (410-192708-14) and SB-100_4-5 (410-192708-15). Elevated reporting limits (RLs) are provided.

Method 8270E: The method blank for preparation batch 410-567544 and analytical batch 410-573302 contained Naphthalene

above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 8270E: The following sample was diluted due to the nature of the sample matrix: SB-115_21-23 (410-192708-25). Elevated reporting limits (RLs) are provided.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 410-575616 was below the method criteria for the following analyte(s): 4-Nitrophenol and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: Naphthalene was detected above the method detection limit (MDL) in the method blank associated with preparation batch 410-567544 and analytical batch 410-573081 as well as in the following sample: SB-115_29-30 (410-192708-26). All affected samples were re-extracted and/or re-analyzed outside of holding time. Both sets of data have been reported.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 410-577022 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol, 4-Nitrophenol, Hexachlorocyclopentadiene and Pentachlorophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) associated with batch 410-577172 recovered above the upper control limit for 2,2'-oxybis[1-chloropropane]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) associated with batch 410-583204 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.

Method 8270E: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1004662 and analytical batch 460-1004745 recovered outside control limits for the following analytes: 2,4-Dimethylphenol and Hexachlorocyclopentadiene. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E: The laboratory control sample (LCS) for preparation batch 460-1004662 and analytical batch 460-1004745 recovered outside control limits for the following analytes: Benzo[g,h,i]perylene. The LCSD recovery was within limits; therefore, the data have been reported.

Method 8270E: The following samples were diluted due to the nature of the sample matrix: SB-108_0-1 (410-192708-56), SB-108_16-18 (410-192708-58) and FD-03_20241017 (410-192708-62). Elevated reporting limits (RLs) are provided.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-1005444 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) associated with batch 460-1005444 recovered above the upper control limit for 4,6-Dinitro-2-methylphenol and Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270E: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1005404 and analytical batch 460-1005444 recovered outside control limits for the following analytes: Hexachlorocyclopentadiene. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; 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.

Gasoline Range Organics
Method 8015D_GRO: The following samples needs to be re-prepped due to the submitted vial was not usable: SB-115_29-30 (410-192708-26), SB-116_4-5 (410-192708-66) and SB-118_0-1 (410-192708-69[MSD])

Method 8015D_GRO: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: SB-117_0-1 (410-192708-67). Elevated reporting limits (RLs) are provided.

Method 8015D_GRO: The closing continuing calibration verification (CCVC) associated with batch 410-566681 recovered above the upper control limit for Gasoline (Unleaded). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015D_GRO: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: SB-113_4-5 (410-192708-19). Elevated reporting limits (RLs) are provided.

Method 8015D_GRO: The following sample was diluted due to foaming at the time of purging : SB-113_4-5 (410-192708-19). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information. The associated laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) recovery was within acceptance limits.

Method 8015D_GRO: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: SB-118_0-1 (410-192708-69). 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.

Diesel Range Organics
Method 8015D_DRO: The following sample required a dilution due to the nature of the sample matrix: SB-115_21-23 (410-192708-25). 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.

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

PCBs
Method 8082A: The continuing calibration verification (CCV) associated with batch 410-570867 recovered above the upper control limit for DCB Decachlorobiphenyl (Surr) and Tetrachloro-m-xylene on one column. Results are reported from the passing column. MW-15_20241024 (410-192708-76), FB-05_20241024 (410-192708-77), EB-01_20241024 (410-192708-79), MW-14_20241025 (410-192708-80), FD-05_20241025 (410-192708-81), MW-10_20241028 (410-192708-82), MW-07_20241028 (410-192708-84) and MW-06_20241028 (410-192708-85).

Method 8082A: The continuing calibration verification (CCV) associated with batch 410-571386 recovered above the upper control limit for DCB Decachlorobiphenyl (Surr) on one column. Results are reported from the passing column. MW-08_20241028 (410-192708-83).

Method 8082A: Surrogate recovery for the following sample was outside control limits: MW-03_20241030 (410-192708-90). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: Surrogate recovery for the following samples were outside control limits: SB-107_4-5 (410-192708-3), SB-113_4-5 (410-192708-19), SB-113_4-5 MS (410-192708-19[MS]) and SB-113_4-5 MSD (410-192708-19[MSD]). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: Surrogate recovery for the following samples were outside control limits: SB-111_4-5 (410-192708-60), SB-111_4-5 (410-192708-60[MS]) and SB-111_4-5 (410-192708-60[MSD]). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The DCB Decachlorobiphenyl (Surr) surrogate recovery for the following samples was outside acceptance limits (high biased) on the confirmation column due to matrix interference: SB-111_0-1 (410-192708-59). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 8082A: The continuing calibration verification (CCV) associated with batch 410-568150 recovered below the control limit for DCB Decachlorobiphenyl (Surr) on one column. Results are reported from the passing column. SB-111_0-1 (410-192708-59), SB-111_4-5 (410-192708-60) and FD-03_20241017 (410-192708-62)

Method 8082A: The continuing calibration verification (CCV) associated with batch 410-573654 recovered outside acceptance criteria, low biased, for PCB-1016, PCB-1260 and DCB Decachlorobiphenyl (Surr) on one column. Results are reported from the passing column.

Method 8082A: Surrogate recovery for the following samples were outside control limits: SED-01_0-1_20241101 (410-192708-94), SED-01_0-1_20241101 (410-192708-94[MSD]) and SED-03_0-1_20241101 (410-192708-96). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: CCV recovery is outside of limits due to the poor matrix of the samples. Samples were re-injected, and for each trial the CCV recovery was outside of the limits.

SED-04_0-1_20241104 (410-192708-102), SED-05_0-1_20241104 (410-192708-103) and SED-06_0-1_20241104 (410-192708-104)

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

Pesticides
Method 8081B: The following sample was diluted due to the nature of the sample matrix: N-3N_0-1 (410-192708-27). 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 7471B: The following samples were analyzed outside of analytical holding time: FD-01_20241014 (410-192708-10) and N-3S_0-1 (410-192708-30).

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

General Chemistry
Method 9012B: The laboratory control sample (LCS) for preparation batch 410-567492 and analytical batch 410-567922 recovered outside control limits for the following analytes: CYANIDE. These analytes were biased high in the LCS and were not detected in the associated samples; 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.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-105_4-5 — Lab Sample ID: 410-192708-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	4.4	J	11	2.3	ug/Kg	1	☼	8260D	Total/NA
Acetone	31		23	6.8	ug/Kg	1	☼	8260D	Total/NA
Carbon disulfide	1.5	J	5.7	0.91	ug/Kg	1	☼	8260D	Total/NA
Methyl acetate	2.9	J	5.7	1.1	ug/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	25	J	44	20	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	74		20	5.9	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	83		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	25		20	4.8	ug/Kg	1	☼	8270E	Total/NA
Anthracene	100		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	220		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	240		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	290		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	160		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	110		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Carbazole	21	J	44	20	ug/Kg	1	☼	8270E	Total/NA
Chrysene	230		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	52		20	7.9	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	61		44	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	550		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Fluorene	80		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	150		20	4.8	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	110		20	7.9	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	350		20	4.8	ug/Kg	1	☼	8270E	Total/NA
Pyrene	500		20	4.0	ug/Kg	1	☼	8270E	Total/NA
DRO (C10-C28)	34		14	5.9	mg/Kg	1	☼	8015D	Total/NA
Aluminum	12000		23	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.72		0.23	0.092	mg/Kg	2	☼	6020B	Total/NA
Arsenic	18		0.46	0.15	mg/Kg	2	☼	6020B	Total/NA
Barium	28		0.46	0.21	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.9		0.12	0.027	mg/Kg	2	☼	6020B	Total/NA
Cadmium	1.6		0.12	0.046	mg/Kg	2	☼	6020B	Total/NA
Chromium	230		2.3	1.1	mg/Kg	10	☼	6020B	Total/NA
Cobalt	7.0		0.23	0.092	mg/Kg	2	☼	6020B	Total/NA
Copper	3.1		0.46	0.21	mg/Kg	2	☼	6020B	Total/NA
Lead	75		0.23	0.088	mg/Kg	2	☼	6020B	Total/NA
Manganese	350		0.46	0.23	mg/Kg	2	☼	6020B	Total/NA
Nickel	28		0.46	0.22	mg/Kg	2	☼	6020B	Total/NA
Zinc	130		35	4.6	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.097		0.071	0.024	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-107_0-1 — Lab Sample ID: 410-192708-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	4.1	J	20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	4.1	J	20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	5.3	J	20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	4.1	J	20	4.0	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	5.6	J	20	4.8	ug/Kg	1	☼	8270E	Total/NA
Aluminum	7900		23	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.14	J	0.23	0.091	mg/Kg	2	☼	6020B	Total/NA
Arsenic	2.1		0.45	0.15	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-107_0-1 (Continued) — Lab Sample ID: 410-192708-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	17		0.45	0.21	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.34		0.11	0.027	mg/Kg	2	☼	6020B	Total/NA
Chromium	47		0.45	0.22	mg/Kg	2	☼	6020B	Total/NA
Cobalt	0.73		0.23	0.091	mg/Kg	2	☼	6020B	Total/NA
Copper	2.2		0.45	0.20	mg/Kg	2	☼	6020B	Total/NA
Lead	4.7		0.23	0.086	mg/Kg	2	☼	6020B	Total/NA
Manganese	11		0.45	0.23	mg/Kg	2	☼	6020B	Total/NA
Nickel	2.1		0.45	0.22	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.078	J	0.11	0.045	mg/Kg	2	☼	6020B	Total/NA
Zinc	12	J	34	4.5	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: SB-107_4-5 — Lab Sample ID: 410-192708-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	12000		17	8.6	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.099	J	0.17	0.069	mg/Kg	2	☼	6020B	Total/NA
Arsenic	8.3		0.35	0.12	mg/Kg	2	☼	6020B	Total/NA
Barium	37		0.35	0.16	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.50		0.087	0.021	mg/Kg	2	☼	6020B	Total/NA
Chromium	54		0.35	0.17	mg/Kg	2	☼	6020B	Total/NA
Cobalt	1.6		0.17	0.069	mg/Kg	2	☼	6020B	Total/NA
Copper	3.9		0.35	0.16	mg/Kg	2	☼	6020B	Total/NA
Lead	6.2		0.17	0.066	mg/Kg	2	☼	6020B	Total/NA
Manganese	21		0.35	0.17	mg/Kg	2	☼	6020B	Total/NA
Nickel	4.6		0.35	0.17	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.10		0.087	0.034	mg/Kg	2	☼	6020B	Total/NA
Zinc	21	J	26	3.5	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: SB-104_0-1 — Lab Sample ID: 410-192708-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	60	J cn	96	29	ug/Kg	5	☼	8270E	Total/NA
Acenaphthene	60	J cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Acenaphthylene	46	J cn	96	23	ug/Kg	5	☼	8270E	Total/NA
Anthracene	160	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]anthracene	420	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]pyrene	520	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	530	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	380	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[k]fluoranthene	250	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Chrysene	500	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Dibenz(a,h)anthracene	100	cn	96	38	ug/Kg	5	☼	8270E	Total/NA
Fluoranthene	810	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Fluorene	53	J cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	310	cn	96	23	ug/Kg	5	☼	8270E	Total/NA
Naphthalene	68	J cn	96	38	ug/Kg	5	☼	8270E	Total/NA
Phenanthrene	730	cn	96	23	ug/Kg	5	☼	8270E	Total/NA
Pyrene	990	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Aluminum	12000		21	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.45		0.21	0.086	mg/Kg	2	☼	6020B	Total/NA
Arsenic	16		0.43	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	43		0.43	0.20	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-104_0-1 (Continued) — Lab Sample ID: 410-192708-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	1.7		0.11	0.025	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.58		0.11	0.043	mg/Kg	2	☼	6020B	Total/NA
Chromium	150		0.43	0.20	mg/Kg	2	☼	6020B	Total/NA
Cobalt	4.3		0.21	0.086	mg/Kg	2	☼	6020B	Total/NA
Copper	6.6		0.43	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	62		0.21	0.081	mg/Kg	2	☼	6020B	Total/NA
Manganese	240		0.43	0.21	mg/Kg	2	☼	6020B	Total/NA
Nickel	14		0.43	0.20	mg/Kg	2	☼	6020B	Total/NA
Silver	0.064	J	0.11	0.043	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.072	J	0.11	0.042	mg/Kg	2	☼	6020B	Total/NA
Zinc	570		160	21	mg/Kg	10	☼	6020B	Total/NA
Mercury	0.18		0.068	0.023	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-104_4-5 — Lab Sample ID: 410-192708-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	15		11	2.1	ug/Kg	1	☼	8260D	Total/NA
Acetone	110		21	6.4	ug/Kg	1	☼	8260D	Total/NA
Benzene	1.4	J	5.3	0.85	ug/Kg	1	☼	8260D	Total/NA
Methyl acetate	3.1	J	5.3	1.1	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	22		20	5.9	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	11	J	20	4.0	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	10	J	20	4.7	ug/Kg	1	☼	8270E	Total/NA
Anthracene	13	J	20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	51		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	63		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	87		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	58		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	30		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Chrysene	61		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	15	J	20	7.9	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	99		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Fluorene	59		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	48		20	4.7	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	19	J	20	7.9	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	140		20	4.7	ug/Kg	1	☼	8270E	Total/NA
Pyrene	88		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Aluminum	7000		24	12	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.42		0.24	0.094	mg/Kg	2	☼	6020B	Total/NA
Arsenic	6.5		0.47	0.16	mg/Kg	2	☼	6020B	Total/NA
Barium	55		0.47	0.22	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.71		0.12	0.028	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.25		0.12	0.047	mg/Kg	2	☼	6020B	Total/NA
Chromium	53		0.47	0.22	mg/Kg	2	☼	6020B	Total/NA
Cobalt	2.1		0.24	0.094	mg/Kg	2	☼	6020B	Total/NA
Copper	8.9		0.47	0.21	mg/Kg	2	☼	6020B	Total/NA
Lead	79		0.24	0.090	mg/Kg	2	☼	6020B	Total/NA
Manganese	86		0.47	0.24	mg/Kg	2	☼	6020B	Total/NA
Nickel	5.5		0.47	0.22	mg/Kg	2	☼	6020B	Total/NA
Silver	0.12		0.12	0.048	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.062	J	0.12	0.046	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-104_4-5 (Continued) — Lab Sample ID: 410-192708-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	120		35	4.7	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.18		0.072	0.024	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-106_0-1 — Lab Sample ID: 410-192708-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	330	cn	96	23	ug/Kg	5	☼	8270E	Total/NA
Anthracene	180	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]anthracene	110	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]pyrene	950	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	780	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	820	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[k]fluoranthene	230	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Chrysene	280	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Dibenz(a,h)anthracene	360	cn	96	38	ug/Kg	5	☼	8270E	Total/NA
Fluoranthene	110	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Fluorene	48	J cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	740	cn	96	23	ug/Kg	5	☼	8270E	Total/NA
Phenanthrene	56	J cn	96	23	ug/Kg	5	☼	8270E	Total/NA
Pyrene	590	cn	96	19	ug/Kg	5	☼	8270E	Total/NA
Aluminum	11000		18	8.8	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.73		0.18	0.071	mg/Kg	2	☼	6020B	Total/NA
Arsenic	15		0.35	0.12	mg/Kg	2	☼	6020B	Total/NA
Barium	56		0.35	0.16	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.6		0.089	0.021	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.65		0.089	0.035	mg/Kg	2	☼	6020B	Total/NA
Chromium	170		1.8	0.84	mg/Kg	10	☼	6020B	Total/NA
Cobalt	7.1		0.18	0.071	mg/Kg	2	☼	6020B	Total/NA
Copper	12		0.35	0.16	mg/Kg	2	☼	6020B	Total/NA
Lead	310		0.89	0.34	mg/Kg	10	☼	6020B	Total/NA
Manganese	250		0.35	0.18	mg/Kg	2	☼	6020B	Total/NA
Nickel	27		0.35	0.17	mg/Kg	2	☼	6020B	Total/NA
Silver	0.084	J	0.089	0.036	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.069	J	0.089	0.035	mg/Kg	2	☼	6020B	Total/NA
Zinc	140		27	3.5	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.37		0.065	0.022	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-106_4-5 — Lab Sample ID: 410-192708-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	2.7	J	10	2.0	ug/Kg	1	☼	8260D	Total/NA
Acetone	23		20	6.1	ug/Kg	1	☼	8260D	Total/NA
Methyl acetate	1.6	J	5.1	1.0	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	27		19	5.8	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	38		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	57		19	4.7	ug/Kg	1	☼	8270E	Total/NA
Anthracene	110		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	320		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	370		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	430		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	280		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	170		19	3.9	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-106_4-5 (Continued) — Lab Sample ID: 410-192708-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbazole	54		43	19	ug/Kg	1	☼	8270E	Total/NA
Chrysene	380		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	83		19	7.8	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	42	J	43	19	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	660		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Fluorene	45		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	230		19	4.7	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	44		19	7.8	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	410		19	4.7	ug/Kg	1	☼	8270E	Total/NA
Pyrene	590		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Aluminum	11000		23	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.81		0.23	0.093	mg/Kg	2	☼	6020B	Total/NA
Arsenic	17		0.46	0.15	mg/Kg	2	☼	6020B	Total/NA
Barium	27		0.46	0.21	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.6		0.12	0.028	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.52		0.12	0.046	mg/Kg	2	☼	6020B	Total/NA
Chromium	220		2.3	1.1	mg/Kg	10	☼	6020B	Total/NA
Cobalt	5.6		0.23	0.093	mg/Kg	2	☼	6020B	Total/NA
Copper	4.1		0.46	0.21	mg/Kg	2	☼	6020B	Total/NA
Lead	33		0.23	0.088	mg/Kg	2	☼	6020B	Total/NA
Manganese	200		0.46	0.23	mg/Kg	2	☼	6020B	Total/NA
Nickel	20		0.46	0.22	mg/Kg	2	☼	6020B	Total/NA
Zinc	120		35	4.6	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.23		0.070	0.023	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-103_0-1 — Lab Sample ID: 410-192708-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	280	cn	95	29	ug/Kg	5	☼	8270E	Total/NA
Acenaphthene	500	cn	95	19	ug/Kg	5	☼	8270E	Total/NA
Acenaphthylene	180	cn	95	23	ug/Kg	5	☼	8270E	Total/NA
Anthracene	1800	cn	95	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]anthracene	4700	cn	95	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]pyrene	4400	cn	95	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	4800	cn	95	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	2400	cn	95	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[k]fluoranthene	1800	cn	95	19	ug/Kg	5	☼	8270E	Total/NA
Carbazole	620	cn	210	95	ug/Kg	5	☼	8270E	Total/NA
Chrysene	5300	cn	95	19	ug/Kg	5	☼	8270E	Total/NA
Dibenz(a,h)anthracene	690	cn	95	38	ug/Kg	5	☼	8270E	Total/NA
Dibenzofuran	370	cn	210	95	ug/Kg	5	☼	8270E	Total/NA
Fluoranthene	11000	cn	95	19	ug/Kg	5	☼	8270E	Total/NA
Fluorene	670	cn	95	19	ug/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	2200	cn	95	23	ug/Kg	5	☼	8270E	Total/NA
Naphthalene	320	cn	95	38	ug/Kg	5	☼	8270E	Total/NA
Phenanthrene	9000	cn	95	23	ug/Kg	5	☼	8270E	Total/NA
Pyrene	11000	cn	95	19	ug/Kg	5	☼	8270E	Total/NA
Aluminum	6700		20	9.7	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.38		0.20	0.078	mg/Kg	2	☼	6020B	Total/NA
Arsenic	9.8		0.39	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	38		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-103_0-1 (Continued) — Lab Sample ID: 410-192708-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.93		0.098	0.023	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.25		0.098	0.039	mg/Kg	2	☼	6020B	Total/NA
Chromium	160		0.39	0.19	mg/Kg	2	☼	6020B	Total/NA
Cobalt	19		0.20	0.078	mg/Kg	2	☼	6020B	Total/NA
Copper	20		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Lead	93		0.20	0.074	mg/Kg	2	☼	6020B	Total/NA
Manganese	200		0.39	0.20	mg/Kg	2	☼	6020B	Total/NA
Nickel	340		2.0	0.93	mg/Kg	10	☼	6020B	Total/NA
Thallium	0.052	J	0.098	0.038	mg/Kg	2	☼	6020B	Total/NA
Zinc	84		29	3.9	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.14		0.065	0.022	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-103_4-5 — Lab Sample ID: 410-192708-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	20	J	23	6.8	ug/Kg	1	☼	8260D	Total/NA
Methyl acetate	1.4	J	5.7	1.1	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	120	cn	97	29	ug/Kg	5	☼	8270E	Total/NA
Acenaphthene	49	J cn	97	19	ug/Kg	5	☼	8270E	Total/NA
Acenaphthylene	110	cn	97	23	ug/Kg	5	☼	8270E	Total/NA
Anthracene	170	cn	97	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]anthracene	710	cn	97	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]pyrene	750	cn	97	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	910	cn	97	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	400	cn	97	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[k]fluoranthene	330	cn	97	19	ug/Kg	5	☼	8270E	Total/NA
Chrysene	760	cn	97	19	ug/Kg	5	☼	8270E	Total/NA
Dibenz(a,h)anthracene	130	cn	97	39	ug/Kg	5	☼	8270E	Total/NA
Fluoranthene	1200	cn	97	19	ug/Kg	5	☼	8270E	Total/NA
Fluorene	47	J cn	97	19	ug/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	360	cn	97	23	ug/Kg	5	☼	8270E	Total/NA
Naphthalene	74	J cn	97	39	ug/Kg	5	☼	8270E	Total/NA
Phenanthrene	520	cn	97	23	ug/Kg	5	☼	8270E	Total/NA
Pyrene	1100	cn	97	19	ug/Kg	5	☼	8270E	Total/NA
Aluminum	5000		23	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.65		0.23	0.092	mg/Kg	2	☼	6020B	Total/NA
Arsenic	8.1		0.46	0.15	mg/Kg	2	☼	6020B	Total/NA
Barium	68		0.46	0.21	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.64		0.12	0.028	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.51		0.12	0.046	mg/Kg	2	☼	6020B	Total/NA
Chromium	70		0.46	0.22	mg/Kg	2	☼	6020B	Total/NA
Cobalt	2.9		0.23	0.092	mg/Kg	2	☼	6020B	Total/NA
Copper	19		0.46	0.21	mg/Kg	2	☼	6020B	Total/NA
Lead	980		1.2	0.44	mg/Kg	10	☼	6020B	Total/NA
Manganese	170		0.46	0.23	mg/Kg	2	☼	6020B	Total/NA
Nickel	8.0		0.46	0.22	mg/Kg	2	☼	6020B	Total/NA
Silver	0.062	J	0.12	0.047	mg/Kg	2	☼	6020B	Total/NA
Zinc	350		170	23	mg/Kg	10	☼	6020B	Total/NA
Mercury	0.32		0.066	0.022	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: FD-01_20241014 — Lab Sample ID: 410-192708-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13	J	19	5.7	ug/Kg	1	☼	8260D	Total/NA
Benzene	1.6	J	4.8	0.77	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	46	J cn	94	28	ug/Kg	5	☼	8270E	Total/NA
Acenaphthene	20	J cn	94	19	ug/Kg	5	☼	8270E	Total/NA
Acenaphthylene	58	J cn	94	23	ug/Kg	5	☼	8270E	Total/NA
Anthracene	73	J cn	94	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]anthracene	210	cn	94	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]pyrene	250	cn	94	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	260	cn	94	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	180	cn	94	19	ug/Kg	5	☼	8270E	Total/NA
Benzo[k]fluoranthene	110	cn	94	19	ug/Kg	5	☼	8270E	Total/NA
Chrysene	230	cn	94	19	ug/Kg	5	☼	8270E	Total/NA
Dibenz(a,h)anthracene	52	J cn	94	38	ug/Kg	5	☼	8270E	Total/NA
Fluoranthene	390	cn	94	19	ug/Kg	5	☼	8270E	Total/NA
Fluorene	28	J cn	94	19	ug/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	140	cn	94	23	ug/Kg	5	☼	8270E	Total/NA
Phenanthrene	230	cn	94	23	ug/Kg	5	☼	8270E	Total/NA
Pyrene	370	cn	94	19	ug/Kg	5	☼	8270E	Total/NA
Aluminum	7300		17	8.3	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.48		0.17	0.067	mg/Kg	2	☼	6020B	Total/NA
Arsenic	9.4		0.33	0.11	mg/Kg	2	☼	6020B	Total/NA
Barium	41		0.33	0.15	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.91		0.084	0.020	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.22		0.084	0.033	mg/Kg	2	☼	6020B	Total/NA
Chromium	130		0.33	0.16	mg/Kg	2	☼	6020B	Total/NA
Cobalt	13		0.17	0.067	mg/Kg	2	☼	6020B	Total/NA
Copper	12		0.33	0.15	mg/Kg	2	☼	6020B	Total/NA
Lead	230	^2	0.17	0.063	mg/Kg	2	☼	6020B	Total/NA
Manganese	160		0.33	0.17	mg/Kg	2	☼	6020B	Total/NA
Nickel	240		0.33	0.16	mg/Kg	2	☼	6020B	Total/NA
Silver	0.041	J	0.084	0.034	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.039	J	0.084	0.033	mg/Kg	2	☼	6020B	Total/NA
Zinc	110		25	3.3	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.11	H cn	0.066	0.022	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.34	J	0.56	0.20	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: TB-01_20241014 — Lab Sample ID: 410-192708-11

No Detections.

Client Sample ID: SB-102_0-1 — Lab Sample ID: 410-192708-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	5.8	J	19	3.9	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	24		19	4.7	ug/Kg	1	☼	8270E	Total/NA
Anthracene	23		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	55		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	65		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	69		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	52		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	25		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Chrysene	71		19	3.9	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-102_0-1 (Continued) — Lab Sample ID: 410-192708-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibenz(a,h)anthracene	12	J	19	7.8	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	110		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Fluorene	11	J	19	3.9	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	37		19	4.7	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	22		19	7.8	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	85		19	4.7	ug/Kg	1	☼	8270E	Total/NA
Pyrene	140		19	3.9	ug/Kg	1	☼	8270E	Total/NA
Aluminum	9700		22	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.79		0.22	0.086	mg/Kg	2	☼	6020B	Total/NA
Arsenic	15		0.43	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	9.8		0.43	0.20	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.9		0.11	0.026	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.65		0.11	0.043	mg/Kg	2	☼	6020B	Total/NA
Chromium	180		0.43	0.21	mg/Kg	2	☼	6020B	Total/NA
Cobalt	4.9		0.22	0.086	mg/Kg	2	☼	6020B	Total/NA
Copper	1.7		0.43	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	11		0.22	0.082	mg/Kg	2	☼	6020B	Total/NA
Manganese	210		0.43	0.22	mg/Kg	2	☼	6020B	Total/NA
Nickel	21		0.43	0.21	mg/Kg	2	☼	6020B	Total/NA
Zinc	120		32	4.3	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: SB-102_4-5 — Lab Sample ID: 410-192708-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	5.5	J	20	4.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	5.9	J	20	4.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	5.6	J	20	4.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	4.2	J	20	4.1	ug/Kg	1	☼	8270E	Total/NA
Chrysene	6.5	J	20	4.1	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	14	J	20	4.1	ug/Kg	1	☼	8270E	Total/NA
Fluorene	4.2	J	20	4.1	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	42		20	8.1	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	24		20	4.9	ug/Kg	1	☼	8270E	Total/NA
Pyrene	17	J	20	4.1	ug/Kg	1	☼	8270E	Total/NA
Aluminum	10000		23	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.77		0.23	0.092	mg/Kg	2	☼	6020B	Total/NA
Arsenic	15		0.46	0.15	mg/Kg	2	☼	6020B	Total/NA
Barium	12		0.46	0.21	mg/Kg	2	☼	6020B	Total/NA
Beryllium	2.2		0.11	0.027	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.69		0.11	0.046	mg/Kg	2	☼	6020B	Total/NA
Chromium	190		0.46	0.22	mg/Kg	2	☼	6020B	Total/NA
Cobalt	6.1		0.23	0.092	mg/Kg	2	☼	6020B	Total/NA
Copper	1.1		0.46	0.21	mg/Kg	2	☼	6020B	Total/NA
Lead	8.5		0.23	0.087	mg/Kg	2	☼	6020B	Total/NA
Manganese	290		0.46	0.23	mg/Kg	2	☼	6020B	Total/NA
Nickel	21		0.46	0.22	mg/Kg	2	☼	6020B	Total/NA
Zinc	130		34	4.6	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: SB-100_0-1 — Lab Sample ID: 410-192708-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	26	J cn	99	20	ug/Kg	5	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-100_0-1 (Continued) — Lab Sample ID: 410-192708-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	67	J cn	99	20	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]anthracene	150	cn	99	20	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]pyrene	160	cn	99	20	ug/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	180	cn	99	20	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	100	cn	99	20	ug/Kg	5	☼	8270E	Total/NA
Benzo[k]fluoranthene	85	J cn	99	20	ug/Kg	5	☼	8270E	Total/NA
Chrysene	170	cn	99	20	ug/Kg	5	☼	8270E	Total/NA
Fluoranthene	330	cn	99	20	ug/Kg	5	☼	8270E	Total/NA
Fluorene	37	J cn	99	20	ug/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	92	J cn	99	24	ug/Kg	5	☼	8270E	Total/NA
Phenanthrene	250	cn	99	24	ug/Kg	5	☼	8270E	Total/NA
Pyrene	270	cn	99	20	ug/Kg	5	☼	8270E	Total/NA
Aluminum	6700		20	9.9	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.48		0.20	0.080	mg/Kg	2	☼	6020B	Total/NA
Arsenic	14		0.40	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	14		0.40	0.18	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.1		0.10	0.024	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.16		0.10	0.040	mg/Kg	2	☼	6020B	Total/NA
Chromium	130		0.40	0.19	mg/Kg	2	☼	6020B	Total/NA
Cobalt	4.5		0.20	0.080	mg/Kg	2	☼	6020B	Total/NA
Copper	4.3		0.40	0.18	mg/Kg	2	☼	6020B	Total/NA
Lead	12		0.20	0.076	mg/Kg	2	☼	6020B	Total/NA
Manganese	48		0.40	0.20	mg/Kg	2	☼	6020B	Total/NA
Nickel	17		0.40	0.19	mg/Kg	2	☼	6020B	Total/NA
Zinc	59		30	4.0	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.041	J	0.068	0.023	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-100_4-5 — Lab Sample ID: 410-192708-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	19	J	22	6.7	ug/Kg	1	☼	8260D	Total/NA
Acenaphthene	35	J cn	98	20	ug/Kg	5	☼	8270E	Total/NA
Anthracene	180	cn	98	20	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]anthracene	530	F1 cn	98	20	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]pyrene	650	F1 cn	98	20	ug/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	730	F1 cn	98	20	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	380	F1 cn	98	20	ug/Kg	5	☼	8270E	Total/NA
Benzo[k]fluoranthene	230	cn	98	20	ug/Kg	5	☼	8270E	Total/NA
Chrysene	550	F1 cn	98	20	ug/Kg	5	☼	8270E	Total/NA
Dibenz(a,h)anthracene	110	F1 cn	98	39	ug/Kg	5	☼	8270E	Total/NA
Fluoranthene	1000	F1 cn	98	20	ug/Kg	5	☼	8270E	Total/NA
Fluorene	45	J cn	98	20	ug/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	350	F1 cn	98	23	ug/Kg	5	☼	8270E	Total/NA
Naphthalene	40	J cn	98	39	ug/Kg	5	☼	8270E	Total/NA
Phenanthrene	550	F1 cn	98	23	ug/Kg	5	☼	8270E	Total/NA
Pyrene	960	F1 cn	98	20	ug/Kg	5	☼	8270E	Total/NA
Aluminum	7900	F2	19	9.6	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.40	F1	0.19	0.078	mg/Kg	2	☼	6020B	Total/NA
Arsenic	7.1		0.39	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	46	F1	0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.69	F2 F1	0.097	0.023	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-100_4-5 (Continued) — Lab Sample ID: 410-192708-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.45		0.097	0.039	mg/Kg	2	☼	6020B	Total/NA
Chromium	110	F2 F1	0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Cobalt	18	F2 F1	0.19	0.078	mg/Kg	2	☼	6020B	Total/NA
Copper	27	F1	0.39	0.17	mg/Kg	2	☼	6020B	Total/NA
Lead	88	F2	0.19	0.074	mg/Kg	2	☼	6020B	Total/NA
Manganese	400	F2	0.39	0.19	mg/Kg	2	☼	6020B	Total/NA
Nickel	330	F2	1.9	0.92	mg/Kg	10	☼	6020B	Total/NA
Silver	0.11		0.097	0.039	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.065	J	0.097	0.038	mg/Kg	2	☼	6020B	Total/NA
Zinc	93	F2 F1	29	3.9	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.077	F1	0.071	0.024	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-100_18-20 — Lab Sample ID: 410-192708-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13	J	19	5.8	ug/Kg	1	☼	8260D	Total/NA
Carbon disulfide	1.2	J	4.8	0.77	ug/Kg	1	☼	8260D	Total/NA
Methyl acetate	2.5	J	4.8	0.96	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	51		20	5.9	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	26		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	63		20	4.7	ug/Kg	1	☼	8270E	Total/NA
Anthracene	59		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzaldehyde	87	J	200	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	200		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	290		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	390		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	190		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	120		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	3200		200	79	ug/Kg	1	☼	8270E	Total/NA
Carbazole	20	J	43	20	ug/Kg	1	☼	8270E	Total/NA
Chrysene	270		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	510		200	79	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	55		20	7.9	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	300		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Fluorene	30		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	150		20	4.7	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	49		20	7.9	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	150		20	4.7	ug/Kg	1	☼	8270E	Total/NA
Pyrene	330		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Aluminum	8200		22	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	1.1		0.22	0.086	mg/Kg	2	☼	6020B	Total/NA
Arsenic	8.9		0.43	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	65		0.43	0.20	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.89		0.11	0.026	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.31		0.11	0.043	mg/Kg	2	☼	6020B	Total/NA
Chromium	190		0.43	0.20	mg/Kg	2	☼	6020B	Total/NA
Cobalt	4.1		0.22	0.086	mg/Kg	2	☼	6020B	Total/NA
Copper	27		0.43	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	580		1.1	0.41	mg/Kg	10	☼	6020B	Total/NA
Manganese	240		0.43	0.22	mg/Kg	2	☼	6020B	Total/NA
Nickel	11		0.43	0.20	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-100_18-20 (Continued) — Lab Sample ID: 410-192708-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.085	J	0.11	0.044	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.054	J	0.11	0.042	mg/Kg	2	☼	6020B	Total/NA
Zinc	190		32	4.3	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.26		0.067	0.022	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-101_4-5 — Lab Sample ID: 410-192708-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.7	J	9.9	2.0	ug/Kg	1	☼	8260D	Total/NA
Acetone	29		20	5.9	ug/Kg	1	☼	8260D	Total/NA
Carbon disulfide	1.1	J	4.9	0.79	ug/Kg	1	☼	8260D	Total/NA
Methyl acetate	1.4	J	4.9	0.99	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	13	J	20	6.0	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	41		20	4.8	ug/Kg	1	☼	8270E	Total/NA
Anthracene	24		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	76		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	110		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	120		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	86		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	43		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Chrysene	110		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	27		20	8.1	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	140		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Fluorene	11	J	20	4.0	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	70		20	4.8	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	16	J	20	8.1	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	85		20	4.8	ug/Kg	1	☼	8270E	Total/NA
Pyrene	170		20	4.0	ug/Kg	1	☼	8270E	Total/NA
Aluminum	10000		20	9.7	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.38		0.20	0.079	mg/Kg	2	☼	6020B	Total/NA
Arsenic	17		0.39	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	26		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.4		0.098	0.023	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.28		0.098	0.039	mg/Kg	2	☼	6020B	Total/NA
Chromium	130		0.39	0.19	mg/Kg	2	☼	6020B	Total/NA
Cobalt	5.3		0.20	0.079	mg/Kg	2	☼	6020B	Total/NA
Copper	7.0		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Lead	130		0.20	0.075	mg/Kg	2	☼	6020B	Total/NA
Manganese	62		0.39	0.20	mg/Kg	2	☼	6020B	Total/NA
Nickel	51		0.39	0.19	mg/Kg	2	☼	6020B	Total/NA
Silver	0.041	J	0.098	0.040	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.082	J	0.098	0.038	mg/Kg	2	☼	6020B	Total/NA
Zinc	98		29	3.9	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.082		0.073	0.024	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-113_0-1 — Lab Sample ID: 410-192708-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	22		20	4.7	ug/Kg	1	☼	8270E	Total/NA
Anthracene	12	J	20	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	40		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	51		20	3.9	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-113_0-1 (Continued) — Lab Sample ID: 410-192708-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	53		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	37		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	17	J	20	3.9	ug/Kg	1	☼	8270E	Total/NA
Chrysene	53		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	10	J	20	7.8	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	56		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	27		20	4.7	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	37		20	4.7	ug/Kg	1	☼	8270E	Total/NA
Pyrene	89		20	3.9	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: SB-113_4-5 — Lab Sample ID: 410-192708-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl acetate	99	J cn	330	66	ug/Kg	50	☼	8260D	Total/NA
Fluoranthene	28		20	3.9	ug/Kg	1	☼	8270E	Total/NA
Fluorene	17	J	20	3.9	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	47		20	4.7	ug/Kg	1	☼	8270E	Total/NA
Pyrene	82		20	3.9	ug/Kg	1	☼	8270E	Total/NA
DRO (C10-C28)	350	F1 F2	14	5.8	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: SB-114_10-12 — Lab Sample ID: 410-192708-20

No Detections.

Client Sample ID: FD-02_20241015 — Lab Sample ID: 410-192708-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.9	J	27	8.0	ug/Kg	1	☼	8260D	Total/NA

Client Sample ID: TB-02_20241015 — Lab Sample ID: 410-192708-22

No Detections.

Client Sample ID: FB-01_20241015 — Lab Sample ID: 410-192708-23

No Detections.

Client Sample ID: SB-115_4-5 — Lab Sample ID: 410-192708-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	11		11	2.1	ug/Kg	1	☼	8260D	Total/NA
Acetone	80		21	6.4	ug/Kg	1	☼	8260D	Total/NA
Fluorene	5.5	J	18	3.5	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	18		18	4.2	ug/Kg	1	☼	8270E	Total/NA
Pyrene	5.0	J	18	3.5	ug/Kg	1	☼	8270E	Total/NA

Client Sample ID: SB-115_21-23 — Lab Sample ID: 410-192708-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	1000	cn	660	66	ug/Kg	100	☼	8260D	Total/NA
Ethylbenzene	7800	cn	660	52	ug/Kg	100	☼	8260D	Total/NA
Isopropylbenzene	4300	cn	660	79	ug/Kg	100	☼	8260D	Total/NA
Methylcyclohexane	5800	cn	660	79	ug/Kg	100	☼	8260D	Total/NA
Xylenes, Total	34000	cn	660	180	ug/Kg	100	☼	8260D	Total/NA
Acenaphthene	3600	cn	200	40	ug/Kg	10	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-115_21-23 (Continued) — Lab Sample ID: 410-192708-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	2800	cn	200	40	ug/Kg	10	☼	8270E	Total/NA
Benzo[a]anthracene	140	J cn	200	40	ug/Kg	10	☼	8270E	Total/NA
Benzo[a]pyrene	59	J cn	200	40	ug/Kg	10	☼	8270E	Total/NA
Benzo[b]fluoranthene	72	J cn	200	40	ug/Kg	10	☼	8270E	Total/NA
Chrysene	270	cn	200	40	ug/Kg	10	☼	8270E	Total/NA
Fluoranthene	790	cn	200	40	ug/Kg	10	☼	8270E	Total/NA
Fluorene	9200	cn	200	40	ug/Kg	10	☼	8270E	Total/NA
Naphthalene	23000	B cn	200	81	ug/Kg	10	☼	8270E	Total/NA
Phenanthrene	22000	cn	200	48	ug/Kg	10	☼	8270E	Total/NA
Pyrene	3000	cn	200	40	ug/Kg	10	☼	8270E	Total/NA
GRO (1C)	420		250	100	mg/Kg	5000	☼	8015D	Total/NA
DRO (C10-C28)	13000	cn	730	300	mg/Kg	50	☼	8015D	Total/NA

Client Sample ID: SB-115_29-30 — Lab Sample ID: 410-192708-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	9.8	J	21	4.2	ug/Kg	1	☼	8270E	Total/NA
Fluorene	30		21	4.2	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	20	J B cn	21	8.3	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	66		21	5.0	ug/Kg	1	☼	8270E	Total/NA
Pyrene	9.0	J	21	4.2	ug/Kg	1	☼	8270E	Total/NA
DRO (C10-C28)	190		15	6.2	mg/Kg	1	☼	8015D	Total/NA

Client Sample ID: N-3N_0-1 — Lab Sample ID: 410-192708-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
p,p'-DDT (2C) - DL	1100	cn	380	180	ug/Kg	200	☼	8081B	Total/NA
Pentachlorophenol (1C)	4.5		1.9	0.37	ug/Kg	1	☼	8151A	Total/NA
Aluminum	10000		21	10	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.51		0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Arsenic	14		0.42	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	81		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.88		0.11	0.025	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.77		0.11	0.042	mg/Kg	2	☼	6020B	Total/NA
Chromium	81		0.42	0.20	mg/Kg	2	☼	6020B	Total/NA
Cobalt	4.6		0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Copper	26		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	130		0.21	0.080	mg/Kg	2	☼	6020B	Total/NA
Manganese	150		0.42	0.21	mg/Kg	2	☼	6020B	Total/NA
Nickel	25		0.42	0.20	mg/Kg	2	☼	6020B	Total/NA
Silver	0.32		0.11	0.043	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.079	J	0.11	0.041	mg/Kg	2	☼	6020B	Total/NA
Zinc	230		160	21	mg/Kg	10	☼	6020B	Total/NA
Mercury	0.34		0.065	0.022	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: N-3N_1-2 — Lab Sample ID: 410-192708-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11000		21	10	mg/Kg	2	☼	6020B	Total/NA
Antimony	1.9		0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Arsenic	26		0.42	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	240		2.1	0.96	mg/Kg	10	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: N-3N_1-2 (Continued) — Lab Sample ID: 410-192708-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.83		0.11	0.025	mg/Kg	2	☼	6020B	Total/NA
Cadmium	1.9		0.11	0.042	mg/Kg	2	☼	6020B	Total/NA
Chromium	99		0.42	0.20	mg/Kg	2	☼	6020B	Total/NA
Cobalt	6.8		0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Copper	72		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	390		1.1	0.40	mg/Kg	10	☼	6020B	Total/NA
Manganese	310		0.42	0.21	mg/Kg	2	☼	6020B	Total/NA
Nickel	54		0.42	0.20	mg/Kg	2	☼	6020B	Total/NA
Silver	0.77		0.11	0.043	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.13		0.11	0.041	mg/Kg	2	☼	6020B	Total/NA
Zinc	750		160	21	mg/Kg	10	☼	6020B	Total/NA
Mercury	1.7		0.33	0.11	mg/Kg	5	☼	7471B	Total/NA

Client Sample ID: N-3N_2-3 — Lab Sample ID: 410-192708-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	9300		25	13	mg/Kg	2	☼	6020B	Total/NA
Antimony	2.0		0.25	0.10	mg/Kg	2	☼	6020B	Total/NA
Arsenic	16		0.51	0.17	mg/Kg	2	☼	6020B	Total/NA
Barium	330		2.5	1.2	mg/Kg	10	☼	6020B	Total/NA
Beryllium	0.76		0.13	0.030	mg/Kg	2	☼	6020B	Total/NA
Cadmium	2.0		0.13	0.051	mg/Kg	2	☼	6020B	Total/NA
Chromium	66		0.51	0.24	mg/Kg	2	☼	6020B	Total/NA
Cobalt	7.0		0.25	0.10	mg/Kg	2	☼	6020B	Total/NA
Copper	100		0.51	0.23	mg/Kg	2	☼	6020B	Total/NA
Lead	670		1.3	0.48	mg/Kg	10	☼	6020B	Total/NA
Manganese	280		0.51	0.25	mg/Kg	2	☼	6020B	Total/NA
Nickel	41		0.51	0.24	mg/Kg	2	☼	6020B	Total/NA
Silver	0.70		0.13	0.051	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.16		0.13	0.050	mg/Kg	2	☼	6020B	Total/NA
Zinc	560		190	25	mg/Kg	10	☼	6020B	Total/NA
Mercury	1.8		0.15	0.050	mg/Kg	2	☼	7471B	Total/NA

Client Sample ID: N-3S_0-1 — Lab Sample ID: 410-192708-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
alpha-Chlordane (2C)	1.3	J p	4.8	0.97	ug/Kg	5	☼	8081B	Total/NA
p,p'-DDE (1C)	5.1	J	9.7	4.0	ug/Kg	5	☼	8081B	Total/NA
Pentachlorophenol (2C)	4.7		2.0	0.38	ug/Kg	1	☼	8151A	Total/NA
Aluminum	11000		23	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.85		0.23	0.091	mg/Kg	2	☼	6020B	Total/NA
Arsenic	40		0.46	0.15	mg/Kg	2	☼	6020B	Total/NA
Barium	130		0.46	0.21	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.94		0.11	0.027	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.46		0.11	0.046	mg/Kg	2	☼	6020B	Total/NA
Chromium	84		0.46	0.22	mg/Kg	2	☼	6020B	Total/NA
Cobalt	5.7		0.23	0.091	mg/Kg	2	☼	6020B	Total/NA
Copper	23		0.46	0.20	mg/Kg	2	☼	6020B	Total/NA
Lead	98	^2	0.23	0.087	mg/Kg	2	☼	6020B	Total/NA
Manganese	200		0.46	0.23	mg/Kg	2	☼	6020B	Total/NA
Nickel	33		0.46	0.22	mg/Kg	2	☼	6020B	Total/NA
Silver	0.24		0.11	0.046	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: N-3S_0-1 (Continued) — Lab Sample ID: 410-192708-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.10	J	0.11	0.045	mg/Kg	2	☼	6020B	Total/NA
Zinc	180		34	4.6	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.15	H cn	0.066	0.022	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: N-3S_1-2 — Lab Sample ID: 410-192708-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	14000		24	12	mg/Kg	2	☼	6020B	Total/NA
Antimony	1.1		0.24	0.097	mg/Kg	2	☼	6020B	Total/NA
Arsenic	33		0.49	0.16	mg/Kg	2	☼	6020B	Total/NA
Barium	520		2.4	1.1	mg/Kg	10	☼	6020B	Total/NA
Beryllium	1.1		0.12	0.029	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.68		0.12	0.049	mg/Kg	2	☼	6020B	Total/NA
Chromium	35		0.49	0.23	mg/Kg	2	☼	6020B	Total/NA
Cobalt	11		0.24	0.097	mg/Kg	2	☼	6020B	Total/NA
Copper	88		0.49	0.22	mg/Kg	2	☼	6020B	Total/NA
Lead	170		0.24	0.092	mg/Kg	2	☼	6020B	Total/NA
Manganese	390		0.49	0.24	mg/Kg	2	☼	6020B	Total/NA
Nickel	29		0.49	0.23	mg/Kg	2	☼	6020B	Total/NA
Silver	1.4		0.12	0.049	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.099	J	0.12	0.048	mg/Kg	2	☼	6020B	Total/NA
Zinc	310		180	24	mg/Kg	10	☼	6020B	Total/NA
Mercury	0.28		0.075	0.025	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: N-3S_2-3 — Lab Sample ID: 410-192708-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	12000		27	13	mg/Kg	2	☼	6020B	Total/NA
Antimony	1.1		0.27	0.11	mg/Kg	2	☼	6020B	Total/NA
Arsenic	12		0.54	0.18	mg/Kg	2	☼	6020B	Total/NA
Barium	510		2.7	1.2	mg/Kg	10	☼	6020B	Total/NA
Beryllium	1.1		0.13	0.032	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.93		0.13	0.054	mg/Kg	2	☼	6020B	Total/NA
Chromium	22		0.54	0.26	mg/Kg	2	☼	6020B	Total/NA
Cobalt	9.1		0.27	0.11	mg/Kg	2	☼	6020B	Total/NA
Copper	1000		2.7	1.2	mg/Kg	10	☼	6020B	Total/NA
Lead	110		0.27	0.10	mg/Kg	2	☼	6020B	Total/NA
Manganese	280		0.54	0.27	mg/Kg	2	☼	6020B	Total/NA
Nickel	23		0.54	0.26	mg/Kg	2	☼	6020B	Total/NA
Silver	0.43		0.13	0.055	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.14		0.13	0.053	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.43		0.080	0.027	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: N-3W_0-1 — Lab Sample ID: 410-192708-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	16000		19	9.4	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.69		0.19	0.076	mg/Kg	2	☼	6020B	Total/NA
Arsenic	180		1.9	0.63	mg/Kg	10	☼	6020B	Total/NA
Barium	130		0.38	0.17	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.3		0.095	0.023	mg/Kg	2	☼	6020B	Total/NA
Cadmium	1.1		0.095	0.038	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: N-3W_0-1 (Continued) — Lab Sample ID: 410-192708-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	110		0.38	0.18	mg/Kg	2	☼	6020B	Total/NA
Cobalt	7.8		0.19	0.076	mg/Kg	2	☼	6020B	Total/NA
Copper	25		0.38	0.17	mg/Kg	2	☼	6020B	Total/NA
Lead	190		0.95	0.36	mg/Kg	10	☼	6020B	Total/NA
Manganese	610		0.38	0.19	mg/Kg	2	☼	6020B	Total/NA
Nickel	59		0.38	0.18	mg/Kg	2	☼	6020B	Total/NA
Silver	0.28		0.095	0.038	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.11		0.095	0.037	mg/Kg	2	☼	6020B	Total/NA
Zinc	910		140	19	mg/Kg	10	☼	6020B	Total/NA
Mercury	0.96		0.14	0.046	mg/Kg	2	☼	7471B	Total/NA
Cyanide, Total	0.34	J	0.56	0.20	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: N-3W_1-2 — Lab Sample ID: 410-192708-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	7500		28	14	mg/Kg	2	☼	6020B	Total/NA
Antimony	4.4		0.28	0.11	mg/Kg	2	☼	6020B	Total/NA
Arsenic	33		0.55	0.18	mg/Kg	2	☼	6020B	Total/NA
Barium	530		2.8	1.3	mg/Kg	10	☼	6020B	Total/NA
Beryllium	0.46		0.14	0.033	mg/Kg	2	☼	6020B	Total/NA
Cadmium	14		0.14	0.055	mg/Kg	2	☼	6020B	Total/NA
Chromium	94		0.55	0.26	mg/Kg	2	☼	6020B	Total/NA
Cobalt	17		0.28	0.11	mg/Kg	2	☼	6020B	Total/NA
Copper	190		0.55	0.25	mg/Kg	2	☼	6020B	Total/NA
Lead	1600		1.4	0.52	mg/Kg	10	☼	6020B	Total/NA
Manganese	890		0.55	0.28	mg/Kg	2	☼	6020B	Total/NA
Nickel	82		0.55	0.26	mg/Kg	2	☼	6020B	Total/NA
Silver	1.4		0.14	0.056	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.13	J	0.14	0.054	mg/Kg	2	☼	6020B	Total/NA
Zinc	5500		2100	280	mg/Kg	100	☼	6020B	Total/NA
Mercury	6.0		0.81	0.27	mg/Kg	10	☼	7471B	Total/NA
Cyanide, Total	0.89	F1 F2	0.69	0.25	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: N-3W_2-3 — Lab Sample ID: 410-192708-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	13000		17	8.4	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.46		0.17	0.068	mg/Kg	2	☼	6020B	Total/NA
Arsenic	17		0.34	0.11	mg/Kg	2	☼	6020B	Total/NA
Barium	59		0.34	0.16	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.1		0.085	0.020	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.62		0.085	0.034	mg/Kg	2	☼	6020B	Total/NA
Chromium	94		0.34	0.16	mg/Kg	2	☼	6020B	Total/NA
Cobalt	4.1		0.17	0.068	mg/Kg	2	☼	6020B	Total/NA
Copper	18		0.34	0.15	mg/Kg	2	☼	6020B	Total/NA
Lead	88		0.17	0.065	mg/Kg	2	☼	6020B	Total/NA
Manganese	140		0.34	0.17	mg/Kg	2	☼	6020B	Total/NA
Nickel	13		0.34	0.16	mg/Kg	2	☼	6020B	Total/NA
Silver	0.38		0.085	0.034	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.093		0.085	0.033	mg/Kg	2	☼	6020B	Total/NA
Zinc	410		130	17	mg/Kg	10	☼	6020B	Total/NA
Mercury	0.18		0.070	0.023	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: N-3E_0-1 — Lab Sample ID: 410-192708-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	13000		19	9.6	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.55		0.19	0.077	mg/Kg	2	☼	6020B	Total/NA
Arsenic	62		0.39	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	110		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.0		0.097	0.023	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.41		0.097	0.039	mg/Kg	2	☼	6020B	Total/NA
Chromium	110		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Cobalt	6.5		0.19	0.077	mg/Kg	2	☼	6020B	Total/NA
Copper	25		0.39	0.17	mg/Kg	2	☼	6020B	Total/NA
Lead	150		0.19	0.073	mg/Kg	2	☼	6020B	Total/NA
Manganese	150		0.39	0.19	mg/Kg	2	☼	6020B	Total/NA
Nickel	61		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Silver	630		0.48	0.20	mg/Kg	10	☼	6020B	Total/NA
Thallium	0.091	J	0.097	0.038	mg/Kg	2	☼	6020B	Total/NA
Zinc	190		140	19	mg/Kg	10	☼	6020B	Total/NA
Mercury	0.16		0.065	0.022	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: N-3E_1-2 — Lab Sample ID: 410-192708-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	12000		19	9.2	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.60		0.19	0.074	mg/Kg	2	☼	6020B	Total/NA
Arsenic	23		0.37	0.12	mg/Kg	2	☼	6020B	Total/NA
Barium	47		19	8.5	mg/Kg	100	☼	6020B	Total/NA
Beryllium	1.2		0.093	0.022	mg/Kg	2	☼	6020B	Total/NA
Cadmium	5.9		0.093	0.037	mg/Kg	2	☼	6020B	Total/NA
Chromium	36		0.37	0.18	mg/Kg	2	☼	6020B	Total/NA
Cobalt	8.8		0.19	0.074	mg/Kg	2	☼	6020B	Total/NA
Copper	100		0.37	0.17	mg/Kg	2	☼	6020B	Total/NA
Lead	1100		0.93	0.35	mg/Kg	10	☼	6020B	Total/NA
Manganese	320		0.37	0.19	mg/Kg	2	☼	6020B	Total/NA
Nickel	25		0.37	0.18	mg/Kg	2	☼	6020B	Total/NA
Silver	0.39		0.093	0.038	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.097		0.093	0.036	mg/Kg	2	☼	6020B	Total/NA
Zinc	600		140	19	mg/Kg	10	☼	6020B	Total/NA
Mercury	0.55		0.072	0.024	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: N-3E_2-3 — Lab Sample ID: 410-192708-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	8100		22	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	3.3		0.22	0.088	mg/Kg	2	☼	6020B	Total/NA
Arsenic	17		0.44	0.15	mg/Kg	2	☼	6020B	Total/NA
Barium	230		2.2	1.0	mg/Kg	10	☼	6020B	Total/NA
Beryllium	0.70		0.11	0.026	mg/Kg	2	☼	6020B	Total/NA
Cadmium	1.8		0.11	0.044	mg/Kg	2	☼	6020B	Total/NA
Chromium	58		0.44	0.21	mg/Kg	2	☼	6020B	Total/NA
Cobalt	5.7		0.22	0.088	mg/Kg	2	☼	6020B	Total/NA
Copper	56		0.44	0.20	mg/Kg	2	☼	6020B	Total/NA
Lead	780		1.1	0.42	mg/Kg	10	☼	6020B	Total/NA
Manganese	320		0.44	0.22	mg/Kg	2	☼	6020B	Total/NA
Nickel	17		0.44	0.21	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: N-3E_2-3 (Continued) — Lab Sample ID: 410-192708-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.61		0.11	0.045	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.11		0.11	0.043	mg/Kg	2	☼	6020B	Total/NA
Zinc	460		170	22	mg/Kg	10	☼	6020B	Total/NA
Mercury	0.83		0.068	0.023	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: C-2N_0-1 — Lab Sample ID: 410-192708-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
alpha-Chlordane (2C)	0.37	J p	0.91	0.19	ug/Kg	1	☼	8081B	Total/NA
gamma-BHC (Lindane) (1C)	0.29	J p	0.91	0.23	ug/Kg	1	☼	8081B	Total/NA
p,p'-DDE (1C)	1.4	J	1.9	0.76	ug/Kg	1	☼	8081B	Total/NA
p,p'-DDT (1C)	1.2	J	1.9	0.86	ug/Kg	1	☼	8081B	Total/NA
Aluminum	12000		17	8.3	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.25		0.17	0.067	mg/Kg	2	☼	6020B	Total/NA
Arsenic	72		0.34	0.11	mg/Kg	2	☼	6020B	Total/NA
Barium	42		0.34	0.15	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.75		0.084	0.020	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.12		0.084	0.034	mg/Kg	2	☼	6020B	Total/NA
Chromium	79		0.34	0.16	mg/Kg	2	☼	6020B	Total/NA
Cobalt	4.9		0.17	0.067	mg/Kg	2	☼	6020B	Total/NA
Copper	5.7		0.34	0.15	mg/Kg	2	☼	6020B	Total/NA
Lead	27		0.17	0.064	mg/Kg	2	☼	6020B	Total/NA
Manganese	130		0.34	0.17	mg/Kg	2	☼	6020B	Total/NA
Nickel	74		0.34	0.16	mg/Kg	2	☼	6020B	Total/NA
Silver	0.043	J	0.084	0.034	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.087		0.084	0.033	mg/Kg	2	☼	6020B	Total/NA
Zinc	42		25	3.4	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.069		0.062	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: C-2N_1-2 — Lab Sample ID: 410-192708-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	17000		78	39	mg/Kg	10	☼	6020B	Total/NA
Antimony	0.22		0.16	0.062	mg/Kg	2	☼	6020B	Total/NA
Arsenic	21		0.31	0.10	mg/Kg	2	☼	6020B	Total/NA
Barium	42		0.31	0.14	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.2		0.078	0.019	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.082		0.078	0.031	mg/Kg	2	☼	6020B	Total/NA
Chromium	95		0.31	0.15	mg/Kg	2	☼	6020B	Total/NA
Cobalt	3.2		0.16	0.062	mg/Kg	2	☼	6020B	Total/NA
Copper	8.2		0.31	0.14	mg/Kg	2	☼	6020B	Total/NA
Lead	16		0.16	0.059	mg/Kg	2	☼	6020B	Total/NA
Manganese	70		0.31	0.16	mg/Kg	2	☼	6020B	Total/NA
Nickel	14		0.31	0.15	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.11		0.078	0.031	mg/Kg	2	☼	6020B	Total/NA
Zinc	45		23	3.1	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.050	J	0.067	0.022	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: C-2N_2-3 — Lab Sample ID: 410-192708-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	12000		20	9.9	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: C-2N_2-3 (Continued) — Lab Sample ID: 410-192708-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.48		0.20	0.080	mg/Kg	2	☼	6020B	Total/NA
Arsenic	13		0.40	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	69		0.40	0.18	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.83		0.10	0.024	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.28		0.10	0.040	mg/Kg	2	☼	6020B	Total/NA
Chromium	77		0.40	0.19	mg/Kg	2	☼	6020B	Total/NA
Cobalt	2.5		0.20	0.080	mg/Kg	2	☼	6020B	Total/NA
Copper	14		0.40	0.18	mg/Kg	2	☼	6020B	Total/NA
Lead	93		0.20	0.076	mg/Kg	2	☼	6020B	Total/NA
Manganese	55		0.40	0.20	mg/Kg	2	☼	6020B	Total/NA
Nickel	11		0.40	0.19	mg/Kg	2	☼	6020B	Total/NA
Silver	0.13		0.10	0.041	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.10		0.10	0.039	mg/Kg	2	☼	6020B	Total/NA
Zinc	110		30	4.0	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.18	F2 F1	0.062	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: C-2S_0-1 — Lab Sample ID: 410-192708-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	14000		19	9.4	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.41	F1	0.19	0.076	mg/Kg	2	☼	6020B	Total/NA
Arsenic	31	F1	0.38	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	44		0.38	0.17	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.2		0.095	0.023	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.16		0.095	0.038	mg/Kg	2	☼	6020B	Total/NA
Chromium	89		0.38	0.18	mg/Kg	2	☼	6020B	Total/NA
Cobalt	2.8		0.19	0.076	mg/Kg	2	☼	6020B	Total/NA
Copper	9.3		0.38	0.17	mg/Kg	2	☼	6020B	Total/NA
Lead	27		0.19	0.072	mg/Kg	2	☼	6020B	Total/NA
Manganese	75	F1	0.38	0.19	mg/Kg	2	☼	6020B	Total/NA
Nickel	18		0.38	0.18	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.18		0.095	0.037	mg/Kg	2	☼	6020B	Total/NA
Zinc	50	F1	29	3.8	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.043	J	0.063	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: C-2S_1-2 — Lab Sample ID: 410-192708-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	15000		19	9.2	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.19		0.19	0.074	mg/Kg	2	☼	6020B	Total/NA
Arsenic	14		0.37	0.12	mg/Kg	2	☼	6020B	Total/NA
Barium	34		0.37	0.17	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.1		0.093	0.022	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.056	J	0.093	0.037	mg/Kg	2	☼	6020B	Total/NA
Chromium	82		0.37	0.18	mg/Kg	2	☼	6020B	Total/NA
Cobalt	2.6		0.19	0.074	mg/Kg	2	☼	6020B	Total/NA
Copper	4.3		0.37	0.17	mg/Kg	2	☼	6020B	Total/NA
Lead	9.0		0.19	0.070	mg/Kg	2	☼	6020B	Total/NA
Manganese	48		0.37	0.19	mg/Kg	2	☼	6020B	Total/NA
Nickel	13		0.37	0.18	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.10		0.093	0.036	mg/Kg	2	☼	6020B	Total/NA
Zinc	33		28	3.7	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: C-2S_1-2 (Continued) — Lab Sample ID: 410-192708-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.082		0.064	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: C-2S_2-3 — Lab Sample ID: 410-192708-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	7400		20	10	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.28		0.20	0.081	mg/Kg	2	☼	6020B	Total/NA
Arsenic	12		0.40	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	25		0.40	0.19	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.68		0.10	0.024	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.062	J	0.10	0.040	mg/Kg	2	☼	6020B	Total/NA
Chromium	59		0.40	0.19	mg/Kg	2	☼	6020B	Total/NA
Cobalt	1.7		0.20	0.081	mg/Kg	2	☼	6020B	Total/NA
Copper	4.2		0.40	0.18	mg/Kg	2	☼	6020B	Total/NA
Lead	9.5		0.20	0.077	mg/Kg	2	☼	6020B	Total/NA
Manganese	43		0.40	0.20	mg/Kg	2	☼	6020B	Total/NA
Nickel	6.1		0.40	0.19	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.075	J	0.10	0.040	mg/Kg	2	☼	6020B	Total/NA
Zinc	28	J	30	4.0	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.061	J	0.062	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: C-2E_0-1 — Lab Sample ID: 410-192708-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	6700		21	10	mg/Kg	2	☼	6020B	Total/NA
Arsenic	6.7		0.42	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	22		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.22		0.11	0.025	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.064	J	0.11	0.042	mg/Kg	2	☼	6020B	Total/NA
Chromium	320		2.1	1.0	mg/Kg	10	☼	6020B	Total/NA
Cobalt	47		0.21	0.085	mg/Kg	2	☼	6020B	Total/NA
Copper	16		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	7.3		0.21	0.081	mg/Kg	2	☼	6020B	Total/NA
Manganese	380		0.42	0.21	mg/Kg	2	☼	6020B	Total/NA
Nickel	970		2.1	1.0	mg/Kg	10	☼	6020B	Total/NA
Thallium	0.045	J	0.11	0.042	mg/Kg	2	☼	6020B	Total/NA
Zinc	24	J	32	4.2	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: C-2E_1-2 — Lab Sample ID: 410-192708-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	12000		19	9.3	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.33		0.19	0.076	mg/Kg	2	☼	6020B	Total/NA
Arsenic	39		0.38	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	34		0.38	0.17	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.83		0.094	0.022	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.10		0.094	0.038	mg/Kg	2	☼	6020B	Total/NA
Chromium	82		0.38	0.18	mg/Kg	2	☼	6020B	Total/NA
Cobalt	2.8		0.19	0.076	mg/Kg	2	☼	6020B	Total/NA
Copper	5.9		0.38	0.17	mg/Kg	2	☼	6020B	Total/NA
Lead	28		0.19	0.072	mg/Kg	2	☼	6020B	Total/NA
Manganese	59		0.38	0.19	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: C-2E_1-2 (Continued) — Lab Sample ID: 410-192708-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	14		0.38	0.18	mg/Kg	2	☼	6020B	Total/NA
Silver	0.064	J	0.094	0.038	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.095		0.094	0.037	mg/Kg	2	☼	6020B	Total/NA
Zinc	45		28	3.8	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.19		0.064	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: C-2E_2-3 — Lab Sample ID: 410-192708-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	9800		19	9.6	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.61		0.19	0.077	mg/Kg	2	☼	6020B	Total/NA
Arsenic	40		0.39	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	44		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.93		0.097	0.023	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.34		0.097	0.039	mg/Kg	2	☼	6020B	Total/NA
Chromium	99		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Cobalt	3.9		0.19	0.077	mg/Kg	2	☼	6020B	Total/NA
Copper	12		0.39	0.17	mg/Kg	2	☼	6020B	Total/NA
Lead	110		0.19	0.074	mg/Kg	2	☼	6020B	Total/NA
Manganese	140		0.39	0.19	mg/Kg	2	☼	6020B	Total/NA
Nickel	12		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Silver	0.15		0.097	0.039	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.075	J	0.097	0.038	mg/Kg	2	☼	6020B	Total/NA
Zinc	96		29	3.9	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.33		0.063	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: C-2W_0-1 — Lab Sample ID: 410-192708-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	13000		21	10	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.36		0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Arsenic	18		0.42	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	29		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.8		0.10	0.025	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.33		0.10	0.042	mg/Kg	2	☼	6020B	Total/NA
Chromium	240		2.1	0.99	mg/Kg	10	☼	6020B	Total/NA
Cobalt	5.8		0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Copper	2.1		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	10		0.21	0.080	mg/Kg	2	☼	6020B	Total/NA
Manganese	220		0.42	0.21	mg/Kg	2	☼	6020B	Total/NA
Nickel	20		0.42	0.20	mg/Kg	2	☼	6020B	Total/NA
Zinc	88		31	4.2	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: C-2W_1-2 — Lab Sample ID: 410-192708-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11000		20	9.8	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.85		0.20	0.079	mg/Kg	2	☼	6020B	Total/NA
Arsenic	250		2.0	0.66	mg/Kg	10	☼	6020B	Total/NA
Barium	36		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.1		0.099	0.023	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.32		0.099	0.039	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: C-2W_1-2 (Continued) — Lab Sample ID: 410-192708-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	130		0.39	0.19	mg/Kg	2	☼	6020B	Total/NA
Cobalt	4.9		0.20	0.079	mg/Kg	2	☼	6020B	Total/NA
Copper	4.4		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Lead	21		0.20	0.075	mg/Kg	2	☼	6020B	Total/NA
Manganese	160		0.39	0.20	mg/Kg	2	☼	6020B	Total/NA
Nickel	31		0.39	0.19	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.068	J	0.099	0.039	mg/Kg	2	☼	6020B	Total/NA
Zinc	69		30	3.9	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.050	J	0.065	0.022	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: C-2W_2-3 — Lab Sample ID: 410-192708-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	13000		21	10	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.35		0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Arsenic	290		2.1	0.70	mg/Kg	10	☼	6020B	Total/NA
Barium	37		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.86		0.10	0.025	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.26		0.10	0.042	mg/Kg	2	☼	6020B	Total/NA
Chromium	68		0.42	0.20	mg/Kg	2	☼	6020B	Total/NA
Cobalt	2.3		0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Copper	7.3		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	35		0.21	0.080	mg/Kg	2	☼	6020B	Total/NA
Manganese	100		0.42	0.21	mg/Kg	2	☼	6020B	Total/NA
Nickel	6.7		0.42	0.20	mg/Kg	2	☼	6020B	Total/NA
Silver	0.057	J	0.10	0.043	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.10		0.10	0.041	mg/Kg	2	☼	6020B	Total/NA
Zinc	130		31	4.2	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.052	J	0.060	0.020	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-110_0-1 — Lab Sample ID: 410-192708-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	43	J	370	14	ug/Kg	1	☼	8270E	Total/NA
Aluminum	15000		83	41	mg/Kg	10	☼	6020B	Total/NA
Antimony	0.36		0.17	0.066	mg/Kg	2	☼	6020B	Total/NA
Arsenic	35		0.33	0.11	mg/Kg	2	☼	6020B	Total/NA
Barium	30		0.33	0.15	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.0		0.083	0.020	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.035	J	0.083	0.033	mg/Kg	2	☼	6020B	Total/NA
Chromium	110		0.33	0.16	mg/Kg	2	☼	6020B	Total/NA
Cobalt	2.8		0.17	0.066	mg/Kg	2	☼	6020B	Total/NA
Copper	5.6		0.33	0.15	mg/Kg	2	☼	6020B	Total/NA
Lead	9.2	^2	0.17	0.063	mg/Kg	2	☼	6020B	Total/NA
Manganese	31		0.33	0.17	mg/Kg	2	☼	6020B	Total/NA
Nickel	6.9		0.33	0.16	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.12		0.083	0.033	mg/Kg	2	☼	6020B	Total/NA
Zinc	47		25	3.3	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-110_4-5 — Lab Sample ID: 410-192708-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15	J	20	5.9	ug/Kg	1	☼	8260D	Total/NA
Di-n-butyl phthalate	40	J	400	15	ug/Kg	1	☼	8270E	Total/NA
Aluminum	20000		84	42	mg/Kg	10	☼	6020B	Total/NA
Antimony	0.13	J	0.17	0.067	mg/Kg	2	☼	6020B	Total/NA
Arsenic	9.4		0.34	0.11	mg/Kg	2	☼	6020B	Total/NA
Barium	46		0.34	0.15	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.74		0.084	0.020	mg/Kg	2	☼	6020B	Total/NA
Chromium	90		0.34	0.16	mg/Kg	2	☼	6020B	Total/NA
Cobalt	2.2		0.17	0.067	mg/Kg	2	☼	6020B	Total/NA
Copper	5.1		0.34	0.15	mg/Kg	2	☼	6020B	Total/NA
Lead	11		0.17	0.064	mg/Kg	2	☼	6020B	Total/NA
Manganese	25		0.34	0.17	mg/Kg	2	☼	6020B	Total/NA
Nickel	7.1		0.34	0.16	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.14		0.084	0.033	mg/Kg	2	☼	6020B	Total/NA
Zinc	35		25	3.4	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: TB-03_20241017 — Lab Sample ID: 410-192708-53

No Detections.

Client Sample ID: SB-109_0-1 — Lab Sample ID: 410-192708-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	34		34	9.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	38		34	8.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	22	J *+	340	10	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	12	J	34	6.8	ug/Kg	1	☼	8270E	Total/NA
Chrysene	86	J	340	15	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	54	J	340	13	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	28	J	340	12	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	14	J	34	14	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	46	J	340	14	ug/Kg	1	☼	8270E	Total/NA
Pyrene	54	J	340	8.6	ug/Kg	1	☼	8270E	Total/NA
Aluminum	11000		14	7.1	mg/Kg	2	☼	6020B	Total/NA
Antimony	2.4		0.14	0.058	mg/Kg	2	☼	6020B	Total/NA
Arsenic	3.3		0.29	0.096	mg/Kg	2	☼	6020B	Total/NA
Barium	110		0.29	0.13	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.3		0.072	0.017	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.16		0.072	0.029	mg/Kg	2	☼	6020B	Total/NA
Chromium	27		0.29	0.14	mg/Kg	2	☼	6020B	Total/NA
Cobalt	2.6		0.14	0.058	mg/Kg	2	☼	6020B	Total/NA
Copper	49		0.29	0.13	mg/Kg	2	☼	6020B	Total/NA
Lead	490	^2	0.72	0.27	mg/Kg	10	☼	6020B	Total/NA
Manganese	840		1.4	0.72	mg/Kg	10	☼	6020B	Total/NA
Nickel	18		0.29	0.14	mg/Kg	2	☼	6020B	Total/NA
Silver	0.19		0.072	0.029	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.030	J	0.072	0.028	mg/Kg	2	☼	6020B	Total/NA
Zinc	55		22	2.9	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: SB-109_4-5 — Lab Sample ID: 410-192708-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	17	cn	17	3.3	ug/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-109_4-5 (Continued) — Lab Sample ID: 410-192708-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	94	cn	33	9.9	ug/Kg	1	☼	8260D	Total/NA
Benzene	18	cn	8.3	1.3	ug/Kg	1	☼	8260D	Total/NA
Chloromethane	18	cn	8.3	1.7	ug/Kg	1	☼	8260D	Total/NA
Ethylbenzene	2.9	J *3 cn	8.3	1.7	ug/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	200	*3 cn	8.3	2.5	ug/Kg	1	☼	8260D	Total/NA
Toluene	14	*3 cn	8.3	1.7	ug/Kg	1	☼	8260D	Total/NA
Trichloroethene	35	cn	8.3	1.3	ug/Kg	1	☼	8260D	Total/NA
Di-n-butyl phthalate	45	J	400	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	10	J	400	6.9	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	51	J	400	21	ug/Kg	1	☼	8270E	Total/NA
Aluminum	5000		19	9.5	mg/Kg	2	☼	6020B	Total/NA
Antimony	29		0.19	0.077	mg/Kg	2	☼	6020B	Total/NA
Arsenic	71		0.38	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	600		1.9	0.88	mg/Kg	10	☼	6020B	Total/NA
Beryllium	0.11		0.096	0.023	mg/Kg	2	☼	6020B	Total/NA
Cadmium	2.2		0.096	0.038	mg/Kg	2	☼	6020B	Total/NA
Chromium	59		0.38	0.18	mg/Kg	2	☼	6020B	Total/NA
Cobalt	23		0.19	0.077	mg/Kg	2	☼	6020B	Total/NA
Copper	2000		19	8.7	mg/Kg	100	☼	6020B	Total/NA
Lead	2000	^2	9.6	3.7	mg/Kg	100	☼	6020B	Total/NA
Manganese	1800		1.9	0.96	mg/Kg	10	☼	6020B	Total/NA
Nickel	300		1.9	0.91	mg/Kg	10	☼	6020B	Total/NA
Silver	39		0.48	0.20	mg/Kg	10	☼	6020B	Total/NA
Thallium	0.061	J	0.096	0.038	mg/Kg	2	☼	6020B	Total/NA
Zinc	4000		1400	190	mg/Kg	100	☼	6020B	Total/NA
Mercury	0.37		0.072	0.024	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.29	J	0.57	0.21	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: SB-108_0-1 — Lab Sample ID: 410-192708-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	77	J cn	170	45	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	210	J *+ cn	1700	50	ug/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	130	J cn	170	66	ug/Kg	5	☼	8270E	Total/NA
Aluminum	4100		20	9.8	mg/Kg	2	☼	6020B	Total/NA
Arsenic	2.9		0.39	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	41		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.17		0.099	0.023	mg/Kg	2	☼	6020B	Total/NA
Chromium	120		0.39	0.19	mg/Kg	2	☼	6020B	Total/NA
Cobalt	30	^2	0.20	0.079	mg/Kg	2	☼	6020B	Total/NA
Copper	3.6		0.39	0.18	mg/Kg	2	☼	6020B	Total/NA
Lead	3.7		0.20	0.075	mg/Kg	2	☼	6020B	Total/NA
Manganese	270		0.39	0.20	mg/Kg	2	☼	6020B	Total/NA
Nickel	670		2.0	0.94	mg/Kg	10	☼	6020B	Total/NA
Thallium	0.059	J	0.099	0.039	mg/Kg	2	☼	6020B	Total/NA
Zinc	20	J	30	3.9	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: SB-108_4-5 — Lab Sample ID: 410-192708-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.8	J cn	19	5.8	ug/Kg	1	☼	8260D	Total/NA
Di-n-butyl phthalate	47	J	340	13	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-108_4-5 (Continued) — Lab Sample ID: 410-192708-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	540		18	9.0	mg/Kg	2	☼	6020B	Total/NA
Arsenic	1.5		0.37	0.12	mg/Kg	2	☼	6020B	Total/NA
Barium	3.9		0.37	0.17	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.032	J	0.091	0.022	mg/Kg	2	☼	6020B	Total/NA
Chromium	6.0		0.37	0.17	mg/Kg	2	☼	6020B	Total/NA
Cobalt	0.11	J	0.18	0.073	mg/Kg	2	☼	6020B	Total/NA
Copper	9.9		0.37	0.16	mg/Kg	2	☼	6020B	Total/NA
Lead	1.2	^2	0.18	0.069	mg/Kg	2	☼	6020B	Total/NA
Manganese	2.8		0.37	0.18	mg/Kg	2	☼	6020B	Total/NA
Nickel	0.33	J	0.37	0.17	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: SB-108_16-18 — Lab Sample ID: 410-192708-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	130	J cn	230	61	ug/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	110	J cn	230	59	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	210	J *+ cn	2300	68	ug/Kg	5	☼	8270E	Total/NA
Naphthalene	57	J cn	2300	40	ug/Kg	5	☼	8270E	Total/NA
Pyrene	110	J cn	2300	57	ug/Kg	5	☼	8270E	Total/NA
Aluminum	6000		22	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	5.9		0.22	0.087	mg/Kg	2	☼	6020B	Total/NA
Arsenic	76		0.43	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	260		2.2	0.99	mg/Kg	10	☼	6020B	Total/NA
Beryllium	0.69		0.11	0.026	mg/Kg	2	☼	6020B	Total/NA
Cadmium	4.9		0.11	0.043	mg/Kg	2	☼	6020B	Total/NA
Chromium	35		0.43	0.21	mg/Kg	2	☼	6020B	Total/NA
Cobalt	4.6		0.22	0.087	mg/Kg	2	☼	6020B	Total/NA
Copper	330		2.2	0.97	mg/Kg	10	☼	6020B	Total/NA
Lead	1000		1.1	0.41	mg/Kg	10	☼	6020B	Total/NA
Manganese	220		0.43	0.22	mg/Kg	2	☼	6020B	Total/NA
Nickel	23	^2	0.43	0.21	mg/Kg	2	☼	6020B	Total/NA
Silver	0.88		0.11	0.044	mg/Kg	2	☼	6020B	Total/NA
Thallium	1.3		0.11	0.042	mg/Kg	2	☼	6020B	Total/NA
Zinc	1100		160	22	mg/Kg	10	☼	6020B	Total/NA
Mercury	10		1.9	0.64	mg/Kg	25	☼	7471B	Total/NA

Client Sample ID: SB-111_0-1 — Lab Sample ID: 410-192708-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	11	J	36	9.6	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	13	J	36	9.4	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	13	J *+	360	11	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	19	J	360	14	ug/Kg	1	☼	8270E	Total/NA
PCB-1260 (2C)	9.3	J	19	7.0	ug/Kg	1	☼	8082A	Total/NA
Aluminum	13000		21	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	3.9		0.21	0.085	mg/Kg	2	☼	6020B	Total/NA
Arsenic	19		0.43	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	240		2.1	0.97	mg/Kg	10	☼	6020B	Total/NA
Beryllium	0.31		0.11	0.025	mg/Kg	2	☼	6020B	Total/NA
Cadmium	1.0		0.11	0.043	mg/Kg	2	☼	6020B	Total/NA
Chromium	46		0.43	0.20	mg/Kg	2	☼	6020B	Total/NA
Cobalt	21		0.21	0.085	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-111_0-1 (Continued) — Lab Sample ID: 410-192708-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	140		0.43	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	530	^2	1.1	0.40	mg/Kg	10	☼	6020B	Total/NA
Manganese	650		0.43	0.21	mg/Kg	2	☼	6020B	Total/NA
Nickel	190		0.43	0.20	mg/Kg	2	☼	6020B	Total/NA
Silver	0.56		0.11	0.043	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.094	J	0.11	0.042	mg/Kg	2	☼	6020B	Total/NA
Zinc	530		160	21	mg/Kg	10	☼	6020B	Total/NA
Mercury	0.14		0.064	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-111_4-5 — Lab Sample ID: 410-192708-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	50	*3 F1 cn	23	6.9	ug/Kg	1	☼	8260D	Total/NA
Benzene	16	F1 cn	5.8	0.92	ug/Kg	1	☼	8260D	Total/NA
Carbon disulfide	2.5	J F1 cn	5.8	0.92	ug/Kg	1	☼	8260D	Total/NA
Chloromethane	1.9	J F1 cn	5.8	1.2	ug/Kg	1	☼	8260D	Total/NA
Ethylbenzene	1.5	J *3 F1 cn	5.8	1.2	ug/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	31	*3 F1 cn	5.8	1.7	ug/Kg	1	☼	8260D	Total/NA
Toluene	9.3	*3 F1 cn	5.8	1.2	ug/Kg	1	☼	8260D	Total/NA
Acenaphthene	18	J	380	11	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	58	J	380	11	ug/Kg	1	☼	8270E	Total/NA
Anthracene	130	J	380	12	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	680		38	29	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	630		38	10	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	870		38	10	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	440	*+	380	11	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	330		38	7.6	ug/Kg	1	☼	8270E	Total/NA
Carbazole	17	J	380	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	600		380	16	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	29	J	380	15	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	120		38	17	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	16	J	380	13	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	990		380	13	ug/Kg	1	☼	8270E	Total/NA
Fluorene	28	J	380	11	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	460		38	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	8.6	J	380	6.7	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	420		380	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1000		380	9.6	ug/Kg	1	☼	8270E	Total/NA
PCB-1260 (2C)	13	J p cn	20	7.4	ug/Kg	1	☼	8082A	Total/NA
Aluminum	6400		21	10	mg/Kg	2	☼	6020B	Total/NA
Antimony	1.3	F2 F1	0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Arsenic	5.7		0.42	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	110	F2 F1	0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.49		0.11	0.025	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.58		0.11	0.042	mg/Kg	2	☼	6020B	Total/NA
Chromium	33	F2 F1	0.42	0.20	mg/Kg	2	☼	6020B	Total/NA
Cobalt	5.2		0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Copper	68	F2 F1	0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	170	F2	0.21	0.080	mg/Kg	2	☼	6020B	Total/NA
Manganese	160	F2 F1	0.42	0.21	mg/Kg	2	☼	6020B	Total/NA
Nickel	21	F2 F1	0.42	0.20	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-111_4-5 (Continued) — Lab Sample ID: 410-192708-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.39	F2	0.11	0.043	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.10	J	0.11	0.041	mg/Kg	2	☼	6020B	Total/NA
Zinc	200	F2 F1	160	21	mg/Kg	10	☼	6020B	Total/NA
Mercury	0.64	F2 F1	0.065	0.022	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: FB-02_20241017 — Lab Sample ID: 410-192708-61

No Detections.

Client Sample ID: FD-03_20241017 — Lab Sample ID: 410-192708-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	90	J *+ cn	1800	54	ug/Kg	5	☼	8270E	Total/NA
Aluminum	10000		19	9.3	mg/Kg	2	☼	6020B	Total/NA
Antimony	4.0		0.19	0.075	mg/Kg	2	☼	6020B	Total/NA
Arsenic	8.5		0.37	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	250		1.9	0.86	mg/Kg	10	☼	6020B	Total/NA
Beryllium	0.42		0.094	0.022	mg/Kg	2	☼	6020B	Total/NA
Cadmium	1.2		0.094	0.037	mg/Kg	2	☼	6020B	Total/NA
Chromium	46		0.37	0.18	mg/Kg	2	☼	6020B	Total/NA
Cobalt	38		0.19	0.075	mg/Kg	2	☼	6020B	Total/NA
Copper	260	^2	1.9	0.84	mg/Kg	10	☼	6020B	Total/NA
Lead	410		0.94	0.36	mg/Kg	10	☼	6020B	Total/NA
Manganese	490		0.37	0.19	mg/Kg	2	☼	6020B	Total/NA
Nickel	57		0.37	0.18	mg/Kg	2	☼	6020B	Total/NA
Silver	0.85		0.094	0.038	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.087	J	0.094	0.037	mg/Kg	2	☼	6020B	Total/NA
Zinc	570		140	19	mg/Kg	10	☼	6020B	Total/NA
Mercury	0.40		0.063	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-112_0-1 — Lab Sample ID: 410-192708-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	15	J	360	10	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	68		36	28	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	86		36	9.7	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	120		36	9.5	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	67	J *+	360	11	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	40		36	7.2	ug/Kg	1	☼	8270E	Total/NA
Chrysene	90	J	360	15	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	35	J	360	14	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	130	J	360	13	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	68		36	14	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	59	J	360	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	120	J	360	9.1	ug/Kg	1	☼	8270E	Total/NA
Aluminum	12000		20	9.9	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.51		0.20	0.080	mg/Kg	2	☼	6020B	Total/NA
Arsenic	4.8		0.40	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	57		0.40	0.18	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.57		0.10	0.024	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.24		0.10	0.040	mg/Kg	2	☼	6020B	Total/NA
Chromium	75		0.40	0.19	mg/Kg	2	☼	6020B	Total/NA
Cobalt	16		0.20	0.080	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-112_0-1 (Continued) — Lab Sample ID: 410-192708-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	31		0.40	0.18	mg/Kg	2	☼	6020B	Total/NA
Lead	29	^2	0.20	0.076	mg/Kg	2	☼	6020B	Total/NA
Manganese	330		0.40	0.20	mg/Kg	2	☼	6020B	Total/NA
Nickel	200		2.0	0.95	mg/Kg	10	☼	6020B	Total/NA
Silver	0.079	J	0.10	0.040	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.17		0.10	0.039	mg/Kg	2	☼	6020B	Total/NA
Zinc	110		30	4.0	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.041	J	0.063	0.021	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.35	J	0.54	0.19	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: SB-112_4-5 — Lab Sample ID: 410-192708-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	3.0	J cn	11	2.1	ug/Kg	1	☼	8260D	Total/NA
Acetone	22	cn	21	6.4	ug/Kg	1	☼	8260D	Total/NA
Di-n-butyl phthalate	29	J	350	13	ug/Kg	1	☼	8270E	Total/NA
Aluminum	13000		21	10	mg/Kg	2	☼	6020B	Total/NA
Arsenic	0.62		0.42	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	31		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.72		0.11	0.025	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.042	J	0.11	0.042	mg/Kg	2	☼	6020B	Total/NA
Chromium	19		0.42	0.20	mg/Kg	2	☼	6020B	Total/NA
Cobalt	5.4		0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Copper	9.3		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	7.8	^2	0.21	0.080	mg/Kg	2	☼	6020B	Total/NA
Manganese	220		0.42	0.21	mg/Kg	2	☼	6020B	Total/NA
Nickel	17		0.42	0.20	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.18		0.11	0.041	mg/Kg	2	☼	6020B	Total/NA
Zinc	33		32	4.2	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: SB-116_0-1 — Lab Sample ID: 410-192708-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	14	J	34	8.2	ug/Kg	1	☼	8270E	Total/NA
Anthracene	38		34	6.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	450		34	6.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	490		34	6.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	580		34	6.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	260		34	6.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	250		34	6.8	ug/Kg	1	☼	8270E	Total/NA
Chrysene	500		34	6.8	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	87		34	14	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	350		34	6.8	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	220		34	8.2	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	32	J	34	8.2	ug/Kg	1	☼	8270E	Total/NA
Pyrene	340		34	6.8	ug/Kg	1	☼	8270E	Total/NA
Aluminum	4300		16	8.2	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.11	J	0.16	0.066	mg/Kg	2	☼	6020B	Total/NA
Arsenic	3.2		0.33	0.11	mg/Kg	2	☼	6020B	Total/NA
Barium	16		0.33	0.15	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.23		0.082	0.020	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.096		0.082	0.033	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-116_0-1 (Continued) — Lab Sample ID: 410-192708-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	44		0.33	0.16	mg/Kg	2	☼	6020B	Total/NA
Cobalt	11		0.16	0.066	mg/Kg	2	☼	6020B	Total/NA
Copper	12		0.33	0.15	mg/Kg	2	☼	6020B	Total/NA
Lead	14	^2	0.16	0.063	mg/Kg	2	☼	6020B	Total/NA
Manganese	130		0.33	0.16	mg/Kg	2	☼	6020B	Total/NA
Nickel	210		1.6	0.78	mg/Kg	10	☼	6020B	Total/NA
Thallium	0.040	J	0.082	0.032	mg/Kg	2	☼	6020B	Total/NA
Zinc	31		25	3.3	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: SB-116_4-5 — Lab Sample ID: 410-192708-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	2.6	J cn	11	2.3	ug/Kg	1	☼	8260D	Total/NA
Acetone	18	J cn	23	6.9	ug/Kg	1	☼	8260D	Total/NA
Tetrachloroethene	14	cn	5.7	1.7	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	13	J	380	11	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	50	J	380	11	ug/Kg	1	☼	8270E	Total/NA
Anthracene	24	J	380	11	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	140		38	28	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	180		38	10	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	200		38	9.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	64	J *+	380	11	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	100		38	7.4	ug/Kg	1	☼	8270E	Total/NA
Chrysene	160	J	380	16	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	27	J	380	14	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	20	J	38	16	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	190	J	380	13	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	62		38	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	16	J	380	6.5	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	89	J	380	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	220	J	380	9.4	ug/Kg	1	☼	8270E	Total/NA
Aluminum	6400		20	9.8	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.86		0.20	0.079	mg/Kg	2	☼	6020B	Total/NA
Arsenic	7.6		0.40	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	42		0.40	0.18	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.60		0.099	0.024	mg/Kg	2	☼	6020B	Total/NA
Cadmium	1.4		0.099	0.040	mg/Kg	2	☼	6020B	Total/NA
Chromium	65		0.40	0.19	mg/Kg	2	☼	6020B	Total/NA
Cobalt	2.8		0.20	0.079	mg/Kg	2	☼	6020B	Total/NA
Copper	18	^2	0.40	0.18	mg/Kg	2	☼	6020B	Total/NA
Lead	170	^2	0.20	0.075	mg/Kg	2	☼	6020B	Total/NA
Manganese	150		0.40	0.20	mg/Kg	2	☼	6020B	Total/NA
Nickel	7.8		0.40	0.19	mg/Kg	2	☼	6020B	Total/NA
Silver	0.086	J	0.099	0.040	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.059	J	0.099	0.039	mg/Kg	2	☼	6020B	Total/NA
Zinc	87		30	4.0	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.089		0.064	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-117_0-1 — Lab Sample ID: 410-192708-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	18	J	350	13	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-117_0-1 (Continued) — Lab Sample ID: 410-192708-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
DRO (C10-C28)	98		25	11	mg/Kg	2	☼	8015D	Total/NA
Aluminum	15000		19	9.2	mg/Kg	2	☼	6020B	Total/NA
Arsenic	2.8		0.37	0.12	mg/Kg	2	☼	6020B	Total/NA
Barium	1.2		0.37	0.17	mg/Kg	2	☼	6020B	Total/NA
Chromium	420		1.9	0.89	mg/Kg	10	☼	6020B	Total/NA
Cobalt	52		0.19	0.075	mg/Kg	2	☼	6020B	Total/NA
Copper	24		0.37	0.17	mg/Kg	2	☼	6020B	Total/NA
Lead	0.34		0.19	0.071	mg/Kg	2	☼	6020B	Total/NA
Manganese	740		0.37	0.19	mg/Kg	2	☼	6020B	Total/NA
Nickel	1100		19	8.9	mg/Kg	100	☼	6020B	Total/NA
Zinc	14	J	28	3.7	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: SB-117_4-5 — Lab Sample ID: 410-192708-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	2.4	J cn	11	2.1	ug/Kg	1	☼	8260D	Total/NA
Acetone	23	cn	21	6.4	ug/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	14	J	400	14	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	29	J	400	11	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	110	J	400	11	ug/Kg	1	☼	8270E	Total/NA
Anthracene	160	J	400	12	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	200		40	30	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	180		40	11	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	170		40	10	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	79	J *+	400	12	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	68		40	7.9	ug/Kg	1	☼	8270E	Total/NA
Chrysene	210	J	400	17	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	52	J	400	15	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	18	J	40	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	360	J	400	14	ug/Kg	1	☼	8270E	Total/NA
Fluorene	94	J	400	12	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	79		40	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	12	J	400	7.0	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	590		400	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	490		400	10	ug/Kg	1	☼	8270E	Total/NA
Aluminum	5800		21	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.26		0.21	0.085	mg/Kg	2	☼	6020B	Total/NA
Arsenic	4.2		0.43	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	28		0.43	0.19	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.44		0.11	0.025	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.23		0.11	0.043	mg/Kg	2	☼	6020B	Total/NA
Chromium	59		0.43	0.20	mg/Kg	2	☼	6020B	Total/NA
Cobalt	5.4		0.21	0.085	mg/Kg	2	☼	6020B	Total/NA
Copper	5.4		0.43	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	48	^2	0.21	0.081	mg/Kg	2	☼	6020B	Total/NA
Manganese	210		0.43	0.21	mg/Kg	2	☼	6020B	Total/NA
Nickel	77		0.43	0.20	mg/Kg	2	☼	6020B	Total/NA
Zinc	67		32	4.3	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.055	J	0.072	0.024	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-118_0-1 — Lab Sample ID: 410-192708-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	48		35	26	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	67		35	9.3	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	70		35	9.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	39	J F1 F2 *+	350	10	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	25	J	35	6.9	ug/Kg	1	☼	8270E	Total/NA
Chrysene	63	J	350	15	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	30	J	350	13	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	38	J	350	12	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	42	F1 F2	35	14	ug/Kg	1	☼	8270E	Total/NA
Pyrene	49	J	350	8.7	ug/Kg	1	☼	8270E	Total/NA
DRO (C10-C28)	180	F1 F2	64	27	mg/Kg	5	☼	8015D	Total/NA
Aluminum	6700		19	9.4	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.65	F1	0.19	0.076	mg/Kg	2	☼	6020B	Total/NA
Arsenic	8.0		0.38	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	27		0.38	0.17	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.48		0.095	0.023	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.17		0.095	0.038	mg/Kg	2	☼	6020B	Total/NA
Chromium	56		0.38	0.18	mg/Kg	2	☼	6020B	Total/NA
Cobalt	4.7	^2	0.19	0.076	mg/Kg	2	☼	6020B	Total/NA
Copper	31	F1	0.38	0.17	mg/Kg	2	☼	6020B	Total/NA
Lead	140		0.19	0.072	mg/Kg	2	☼	6020B	Total/NA
Manganese	300	F2	0.38	0.19	mg/Kg	2	☼	6020B	Total/NA
Nickel	23	F2 F1	0.38	0.18	mg/Kg	2	☼	6020B	Total/NA
Silver	0.064	J F2 F1	0.095	0.038	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.091	J	0.095	0.037	mg/Kg	2	☼	6020B	Total/NA
Zinc	53	F2 F1	28	3.8	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.052	J	0.062	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-118_4-5 — Lab Sample ID: 410-192708-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	20	cn	20	6.1	ug/Kg	1	☼	8260D	Total/NA
Methyl tertiary butyl ether	7.5		5.1	0.82	ug/Kg	1	☼	8260D	Total/NA
Benzo[a]pyrene	13	J	39	11	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	14	J	39	10	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	28	J	390	15	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	21	J	390	14	ug/Kg	1	☼	8270E	Total/NA
Pyrene	22	J	390	9.8	ug/Kg	1	☼	8270E	Total/NA
Aluminum	12000		21	10	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.68		0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Arsenic	16		0.42	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	23		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Beryllium	2.4		0.10	0.025	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.55		0.10	0.042	mg/Kg	2	☼	6020B	Total/NA
Chromium	170		0.42	0.20	mg/Kg	2	☼	6020B	Total/NA
Cobalt	5.6		0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Copper	3.0		0.42	0.19	mg/Kg	2	☼	6020B	Total/NA
Lead	24	^2	0.21	0.080	mg/Kg	2	☼	6020B	Total/NA
Manganese	370		0.42	0.21	mg/Kg	2	☼	6020B	Total/NA
Nickel	19		0.42	0.20	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.048	J	0.10	0.041	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-118_4-5 (Continued) — Lab Sample ID: 410-192708-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	150		31	4.2	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.054	J	0.069	0.023	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-119_0-1 — Lab Sample ID: 410-192708-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	20	J	35	9.4	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	22	J	35	9.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	11	J *+	350	10	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	25	J	350	13	ug/Kg	1	☼	8270E	Total/NA
Pyrene	14	J	350	8.7	ug/Kg	1	☼	8270E	Total/NA
Aluminum	3200		19	9.5	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.099	J	0.19	0.077	mg/Kg	2	☼	6020B	Total/NA
Arsenic	7.7		0.38	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	26		0.38	0.18	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.37		0.096	0.023	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.059	J	0.096	0.038	mg/Kg	2	☼	6020B	Total/NA
Chromium	230		1.9	0.91	mg/Kg	10	☼	6020B	Total/NA
Cobalt	46		0.19	0.077	mg/Kg	2	☼	6020B	Total/NA
Copper	4.4	^2	0.38	0.17	mg/Kg	2	☼	6020B	Total/NA
Lead	5.5		0.19	0.073	mg/Kg	2	☼	6020B	Total/NA
Manganese	580		0.38	0.19	mg/Kg	2	☼	6020B	Total/NA
Nickel	1000		19	9.1	mg/Kg	100	☼	6020B	Total/NA
Zinc	28	J	29	3.8	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: SB-119_4-5 — Lab Sample ID: 410-192708-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	39	cn	24	7.2	ug/Kg	1	☼	8260D	Total/NA
Benzo[a]pyrene	20	J	39	10	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	22	J	39	10	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	15	J *+	390	12	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	8.3	J	39	7.7	ug/Kg	1	☼	8270E	Total/NA
Chrysene	18	J	390	16	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	36	J	390	15	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	22	J	390	14	ug/Kg	1	☼	8270E	Total/NA
Pyrene	29	J	390	9.7	ug/Kg	1	☼	8270E	Total/NA
Aluminum	14000		23	11	mg/Kg	2	☼	6020B	Total/NA
Antimony	1.2		0.23	0.091	mg/Kg	2	☼	6020B	Total/NA
Arsenic	20		0.45	0.15	mg/Kg	2	☼	6020B	Total/NA
Barium	25		0.45	0.21	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.9		0.11	0.027	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.86		0.11	0.045	mg/Kg	2	☼	6020B	Total/NA
Chromium	240		2.3	1.1	mg/Kg	10	☼	6020B	Total/NA
Cobalt	6.3		0.23	0.091	mg/Kg	2	☼	6020B	Total/NA
Copper	2.2		0.45	0.20	mg/Kg	2	☼	6020B	Total/NA
Lead	12	^2	0.23	0.086	mg/Kg	2	☼	6020B	Total/NA
Manganese	230		0.45	0.23	mg/Kg	2	☼	6020B	Total/NA
Nickel	27		0.45	0.22	mg/Kg	2	☼	6020B	Total/NA
Zinc	140		34	4.5	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: FD-04_20241018 — Lab Sample ID: 410-192708-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	7200		20	9.9	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.10	J	0.20	0.080	mg/Kg	2	☼	6020B	Total/NA
Arsenic	3.1		0.40	0.13	mg/Kg	2	☼	6020B	Total/NA
Barium	35		0.40	0.18	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.31		0.10	0.024	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.086	J	0.10	0.040	mg/Kg	2	☼	6020B	Total/NA
Chromium	53		0.40	0.19	mg/Kg	2	☼	6020B	Total/NA
Cobalt	7.3		0.20	0.080	mg/Kg	2	☼	6020B	Total/NA
Copper	13	^2	0.40	0.18	mg/Kg	2	☼	6020B	Total/NA
Lead	8.3		0.20	0.076	mg/Kg	2	☼	6020B	Total/NA
Manganese	230		0.40	0.20	mg/Kg	2	☼	6020B	Total/NA
Nickel	80		0.40	0.19	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.073	J	0.10	0.039	mg/Kg	2	☼	6020B	Total/NA
Zinc	42		30	4.0	mg/Kg	2	☼	6020B	Total/NA

Client Sample ID: FB-04_20241018 — Lab Sample ID: 410-192708-74

No Detections.

Client Sample ID: TB-04_20241018 — Lab Sample ID: 410-192708-75

No Detections.

Client Sample ID: MW-15_20241024 — Lab Sample ID: 410-192708-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	150		25	12	ug/L	1		6020B	Total Recoverable
Arsenic	11		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	270		2.0	0.75	ug/L	1		6020B	Total Recoverable
Chromium	1.6	J	2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	0.42	J	0.50	0.16	ug/L	1		6020B	Total Recoverable
Lead	3.4		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	400		2.0	0.95	ug/L	1		6020B	Total Recoverable
Zinc	4.9	J	10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: FB-05_20241024 — Lab Sample ID: 410-192708-77

No Detections.

Client Sample ID: TB-05_20241024 — Lab Sample ID: 410-192708-78

No Detections.

Client Sample ID: EB-01_20241024 — Lab Sample ID: 410-192708-79

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-14_20241025 — Lab Sample ID: 410-192708-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	480		25	12	ug/L	1		6020B	Total Recoverable
Arsenic	9.6		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	290		2.0	0.75	ug/L	1		6020B	Total Recoverable
Chromium	7.4		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	1.2		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	1.5		1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	8.5		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	250		2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	1.2		1.0	0.40	ug/L	1		6020B	Total Recoverable
Zinc	12		10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: FD-05_20241025 — Lab Sample ID: 410-192708-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	480		25	12	ug/L	1		6020B	Total Recoverable
Arsenic	9.2		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	280		2.0	0.75	ug/L	1		6020B	Total Recoverable
Chromium	7.4		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	1.2		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	0.97	J	1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	8.6		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	240		2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	0.91	J	1.0	0.40	ug/L	1		6020B	Total Recoverable
Zinc	11		10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: MW-10_20241028 — Lab Sample ID: 410-192708-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	680		25	12	ug/L	1		6020B	Total Recoverable
Antimony	2.0		1.0	0.20	ug/L	1		6020B	Total Recoverable
Arsenic	5.7		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	1600		20	7.5	ug/L	10		6020B	Total Recoverable
Cadmium	0.35	J	0.50	0.15	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-10_20241028 (Continued) — Lab Sample ID: 410-192708-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	4.8		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	1.2		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	25		1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	140		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	470		2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	4.3		1.0	0.40	ug/L	1		6020B	Total Recoverable
Silver	0.26	J	0.50	0.10	ug/L	1		6020B	Total Recoverable
Zinc	160		10	4.0	ug/L	1		6020B	Total Recoverable
Mercury	0.20		0.20	0.079	ug/L	1		7470A	Total/NA

Client Sample ID: MW-08_20241028 — Lab Sample ID: 410-192708-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	19	J	25	12	ug/L	1		6020B	Total Recoverable
Barium	14		2.0	0.75	ug/L	1		6020B	Total Recoverable
Cobalt	3.8		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	0.41	J	1.0	0.36	ug/L	1		6020B	Total Recoverable
Manganese	1800		2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	2.7		1.0	0.40	ug/L	1		6020B	Total Recoverable
Thallium	0.43	J	0.50	0.13	ug/L	1		6020B	Total Recoverable
Zinc	7.0	J	10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: MW-07_20241028 — Lab Sample ID: 410-192708-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	1.2	J	5.0	0.30	ug/L	1		8260D	Total/NA
2-Butanone	7.0	J	10	0.50	ug/L	1		8260D	Total/NA
2-Hexanone	3.6	J	10	0.85	ug/L	1		8260D	Total/NA
4-Methyl-2-pentanone	2.7	J	10	0.50	ug/L	1		8260D	Total/NA
Acetone	8.2	J	20	0.70	ug/L	1		8260D	Total/NA
Benzene	0.31	J	1.0	0.30	ug/L	1		8260D	Total/NA
Aluminum	180		25	12	ug/L	1		6020B	Total Recoverable
Barium	42		2.0	0.75	ug/L	1		6020B	Total Recoverable
Cadmium	0.26	J	0.50	0.15	ug/L	1		6020B	Total Recoverable
Chromium	22		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	1.6		0.50	0.16	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-07_20241028 (Continued) — Lab Sample ID: 410-192708-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.49	J	1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	0.32	J	0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	82		2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	2.9		1.0	0.40	ug/L	1		6020B	Total Recoverable
Zinc	10		10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: MW-06_20241028 — Lab Sample ID: 410-192708-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	220		25	12	ug/L	1		6020B	Total Recoverable
Antimony	0.92	J	1.0	0.20	ug/L	1		6020B	Total Recoverable
Arsenic	24		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	1300		20	7.5	ug/L	10		6020B	Total Recoverable
Chromium	1.4	J	2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	1.0		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	8.2		1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	41		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	590		2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	2.4		1.0	0.40	ug/L	1		6020B	Total Recoverable
Zinc	77		10	4.0	ug/L	1		6020B	Total Recoverable
Mercury	0.14	J	0.20	0.079	ug/L	1		7470A	Total/NA

Client Sample ID: TB-06_20241028 — Lab Sample ID: 410-192708-86

No Detections.

Client Sample ID: MW-09_20241029 — Lab Sample ID: 410-192708-87

No Detections.

Client Sample ID: MW-13_20241030 — Lab Sample ID: 410-192708-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.80	J	20	0.70	ug/L	1		8260D	Total/NA
Methyl tertiary butyl ether	0.31	J	1.0	0.20	ug/L	1		8260D	Total/NA
Aluminum	5800		25	12	ug/L	1		6020B	Total Recoverable
Antimony	3.0		1.0	0.20	ug/L	1		6020B	Total Recoverable
Arsenic	13		2.0	0.68	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-13_20241030 (Continued) — Lab Sample ID: 410-192708-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	1500		2.0	0.75	ug/L	1		6020B	Total Recoverable
Beryllium	0.69		0.50	0.12	ug/L	1		6020B	Total Recoverable
Cadmium	1.1		0.50	0.15	ug/L	1		6020B	Total Recoverable
Chromium	21		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	2.9		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	80		1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	580		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	420	^2	2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	8.6	^2	1.0	0.40	ug/L	1		6020B	Total Recoverable
Silver	0.95		0.50	0.10	ug/L	1		6020B	Total Recoverable
Zinc	410		10	4.0	ug/L	1		6020B	Total Recoverable
Mercury	0.68		0.20	0.079	ug/L	1		7470A	Total/NA

Client Sample ID: TB-07_20241030 — Lab Sample ID: 410-192708-89

No Detections.

Client Sample ID: MW-03_20241030 — Lab Sample ID: 410-192708-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	28	J cn	50	15	ug/L	50		8260D	Total/NA
N-Nitrosodiphenylamine	1.0	J	10	0.89	ug/L	1		8270E	Total/NA
Aluminum	66		25	12	ug/L	1		6020B	Total Recoverable
Antimony	0.31	J	1.0	0.20	ug/L	1		6020B	Total Recoverable
Arsenic	5.5		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	2500		10	3.7	ug/L	5		6020B	Total Recoverable
Chromium	0.99	J	2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	1.3		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	0.93	J	1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	3.0		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	660		2.0	0.95	ug/L	1		6020B	Total Recoverable
Zinc	24		10	4.0	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-11_20241030 — Lab Sample ID: 410-192708-91

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	160		25	12	ug/L	1		6020B	Total Recoverable
Barium	41		2.0	0.75	ug/L	1		6020B	Total Recoverable
Cadmium	1.1		0.50	0.15	ug/L	1		6020B	Total Recoverable
Chromium	8.2		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	1.2		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	0.37	J	1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	0.29	J	0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	87	^2	2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	3.7		1.0	0.40	ug/L	1		6020B	Total Recoverable
Zinc	5.0	J	10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: MW-12_20241030 — Lab Sample ID: 410-192708-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	6.4		1.0	0.30	ug/L	1		8260D	Total/NA
Benzene	82		1.0	0.30	ug/L	1		8260D	Total/NA
Cyclohexane	2.2	J	5.0	1.0	ug/L	1		8260D	Total/NA
Aluminum	450		25	12	ug/L	1		6020B	Total Recoverable
Arsenic	0.96	J	2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	27		2.0	0.75	ug/L	1		6020B	Total Recoverable
Beryllium	0.12	J	0.50	0.12	ug/L	1		6020B	Total Recoverable
Chromium	8.7		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	6.6		0.50	0.16	ug/L	1		6020B	Total Recoverable
Lead	1.4		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	860	B	2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	6.7		1.0	0.40	ug/L	1		6020B	Total Recoverable
Zinc	32		10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: MW-04_20241031 — Lab Sample ID: 410-192708-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.74	J	20	0.70	ug/L	1		8260D	Total/NA
Chloroform	4.8		1.0	0.30	ug/L	1		8260D	Total/NA
Aluminum	29		25	12	ug/L	1		6020B	Total Recoverable
Barium	33		2.0	0.75	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-04_20241031 (Continued) — Lab Sample ID: 410-192708-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.27	J	0.50	0.15	ug/L	1		6020B	Total Recoverable
Chromium	21		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	0.98		0.50	0.16	ug/L	1		6020B	Total Recoverable
Lead	0.30	J	0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	80	B	2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	2.4		1.0	0.40	ug/L	1		6020B	Total Recoverable
Zinc	6.5	J	10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: SED-01_0-1_20241101 — Lab Sample ID: 410-192708-94

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methylphenol	1100		830	52	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	25	J	830	24	ug/Kg	1	☼	8270E	Total/NA
Anthracene	50	J	830	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	290		83	63	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	450		83	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	790		83	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	390	J	830	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	270		83	16	ug/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	80	J	830	39	ug/Kg	1	☼	8270E	Total/NA
Carbazole	100	J	830	32	ug/Kg	1	☼	8270E	Total/NA
Chrysene	500	J	830	35	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	97	J	830	31	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	59	J	83	36	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	780	J	830	29	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	400		83	33	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	41	J	830	14	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	300	J	830	34	ug/Kg	1	☼	8270E	Total/NA
Phenol	82	J	830	31	ug/Kg	1	☼	8270E	Total/NA
Pyrene	660	J	830	21	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	92	J	830	44	ug/Kg	1	☼	8270E	Total/NA
Aluminum	23000		50	25	mg/Kg	2	☼	6020B	Total/NA
Antimony	2.6	F1	0.50	0.20	mg/Kg	2	☼	6020B	Total/NA
Arsenic	25		1.0	0.34	mg/Kg	2	☼	6020B	Total/NA
Barium	150	F1	1.0	0.46	mg/Kg	2	☼	6020B	Total/NA
Beryllium	2.0		0.25	0.060	mg/Kg	2	☼	6020B	Total/NA
Cadmium	4.4		0.25	0.10	mg/Kg	2	☼	6020B	Total/NA
Chromium	260	F1	1.0	0.48	mg/Kg	2	☼	6020B	Total/NA
Cobalt	14		0.50	0.20	mg/Kg	2	☼	6020B	Total/NA
Copper	86	^2	1.0	0.45	mg/Kg	2	☼	6020B	Total/NA
Lead	210	F2	0.50	0.19	mg/Kg	2	☼	6020B	Total/NA
Manganese	350		1.0	0.50	mg/Kg	2	☼	6020B	Total/NA
Nickel	120	^2 F1	1.0	0.48	mg/Kg	2	☼	6020B	Total/NA
Silver	0.28		0.25	0.10	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.19	J	0.25	0.098	mg/Kg	2	☼	6020B	Total/NA
Zinc	810		380	50	mg/Kg	10	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-01_0-1_20241101 (Continued) — Lab Sample ID: 410-192708-94

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.12	J F1	0.15	0.050	mg/Kg	1	☼	7471B	Total/NA
Total Organic Carbon	70000		760	250	mg/Kg	1	☼	Lloyd Kahn	Total/NA
pH	5.4		0.01	0.01	S.U.	1		9045D	Soluble
Temperature	20.0		0.01	0.01	Degrees C	1		9045D	Soluble

Client Sample ID: SED-02_0-1_20241101 — Lab Sample ID: 410-192708-95

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methylphenol	270	J	440	27	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	35	J	44	33	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	32	J	44	12	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	50		44	11	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	29	J	440	13	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	17	J	44	8.6	ug/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	100	J	440	21	ug/Kg	1	☼	8270E	Total/NA
Chrysene	38	J	440	18	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	61	J	440	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	54	J	440	15	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	28	J	44	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	20	J	440	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	48	J	440	11	ug/Kg	1	☼	8270E	Total/NA
Aluminum	8300		21	10	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.56	F1 F2	0.21	0.082	mg/Kg	2	☼	6020B	Total/NA
Arsenic	13	F2	0.41	0.14	mg/Kg	2	☼	6020B	Total/NA
Barium	35		0.41	0.19	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.2	F2	0.10	0.024	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.57	F2	0.10	0.041	mg/Kg	2	☼	6020B	Total/NA
Chromium	110	F1	0.41	0.19	mg/Kg	2	☼	6020B	Total/NA
Cobalt	4.0	F2	0.21	0.082	mg/Kg	2	☼	6020B	Total/NA
Copper	7.9	F2	0.41	0.18	mg/Kg	2	☼	6020B	Total/NA
Lead	38		0.21	0.078	mg/Kg	2	☼	6020B	Total/NA
Manganese	170	F1 F2	0.41	0.21	mg/Kg	2	☼	6020B	Total/NA
Nickel	21		0.41	0.19	mg/Kg	2	☼	6020B	Total/NA
Silver	0.051	J F2	0.10	0.042	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.070	J F2	0.10	0.040	mg/Kg	2	☼	6020B	Total/NA
Zinc	100	F1	31	4.1	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.11		0.075	0.025	mg/Kg	1	☼	7471B	Total/NA
Total Organic Carbon	18000		400	130	mg/Kg	1	☼	Lloyd Kahn	Total/NA
pH	5.8		0.01	0.01	S.U.	1		9045D	Soluble
Temperature	20.0		0.01	0.01	Degrees C	1		9045D	Soluble

Client Sample ID: SED-03_0-1_20241101 — Lab Sample ID: 410-192708-96

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	22	J	49	13	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	31	J	49	13	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	22	J	490	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	13	J	49	9.6	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	33	J	490	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	27	J	490	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	19	J	49	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	29	J	490	12	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-03_0-1_20241101 (Continued) — Lab Sample ID: 410-192708-96

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	27	J	490	26	ug/Kg	1	☼	8270E	Total/NA
Aluminum	7400	^2	30	15	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.30		0.30	0.12	mg/Kg	2	☼	6020B	Total/NA
Arsenic	3.6		0.59	0.20	mg/Kg	2	☼	6020B	Total/NA
Barium	11		0.59	0.27	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.38		0.15	0.035	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.28		0.15	0.059	mg/Kg	2	☼	6020B	Total/NA
Chromium	31		0.59	0.28	mg/Kg	2	☼	6020B	Total/NA
Cobalt	1.6		0.30	0.12	mg/Kg	2	☼	6020B	Total/NA
Copper	30		0.59	0.27	mg/Kg	2	☼	6020B	Total/NA
Lead	25		0.30	0.11	mg/Kg	2	☼	6020B	Total/NA
Manganese	22		0.59	0.30	mg/Kg	2	☼	6020B	Total/NA
Nickel	11	^2	0.59	0.28	mg/Kg	2	☼	6020B	Total/NA
Silver	0.16		0.15	0.060	mg/Kg	2	☼	6020B	Total/NA
Zinc	110		44	5.9	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.052	J	0.085	0.028	mg/Kg	1	☼	7471B	Total/NA
Total Organic Carbon	21000		440	150	mg/Kg	1	☼	Lloyd Kahn	Total/NA
pH	7.1		0.01	0.01	S.U.	1		9045D	Soluble
Temperature	20.0		0.01	0.01	Degrees C	1		9045D	Soluble

Client Sample ID: FD-06_20241101 — Lab Sample ID: 410-192708-97

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	35	J	45	34	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	42	J	45	12	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	63		45	12	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	40	J	450	13	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	23	J	45	8.8	ug/Kg	1	☼	8270E	Total/NA
Chrysene	41	J	450	19	ug/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	63	J	450	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	47	J	450	16	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	38	J	45	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	24	J	450	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	52	J	450	11	ug/Kg	1	☼	8270E	Total/NA
Aluminum	9600	^2	26	13	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.39		0.26	0.11	mg/Kg	2	☼	6020B	Total/NA
Arsenic	14		0.53	0.18	mg/Kg	2	☼	6020B	Total/NA
Barium	56		0.53	0.24	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.2		0.13	0.031	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.59		0.13	0.053	mg/Kg	2	☼	6020B	Total/NA
Chromium	120		0.53	0.25	mg/Kg	2	☼	6020B	Total/NA
Cobalt	5.0		0.26	0.11	mg/Kg	2	☼	6020B	Total/NA
Copper	16		0.53	0.24	mg/Kg	2	☼	6020B	Total/NA
Lead	130		0.26	0.10	mg/Kg	2	☼	6020B	Total/NA
Manganese	130		0.53	0.26	mg/Kg	2	☼	6020B	Total/NA
Nickel	19	^2	0.53	0.25	mg/Kg	2	☼	6020B	Total/NA
Silver	0.10	J	0.13	0.054	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.052	J	0.13	0.052	mg/Kg	2	☼	6020B	Total/NA
Zinc	150		40	5.3	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.51		0.082	0.027	mg/Kg	1	☼	7471B	Total/NA
Total Organic Carbon	6500		410	140	mg/Kg	1	☼	Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: FD-06_20241101 (Continued) — Lab Sample ID: 410-192708-97

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	7.1		0.01	0.01	S.U.	1		9045D	Soluble
Temperature	20.1		0.01	0.01	Degrees C	1		9045D	Soluble

Client Sample ID: SW-01_20241101 — Lab Sample ID: 410-192708-98

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	22000		25	12	ug/L	1		6020B	Total Recoverable
Antimony	6.1		1.0	0.20	ug/L	1		6020B	Total Recoverable
Arsenic	42		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	510		2.0	0.75	ug/L	1		6020B	Total Recoverable
Beryllium	4.1		0.50	0.12	ug/L	1		6020B	Total Recoverable
Cadmium	13		0.50	0.15	ug/L	1		6020B	Total Recoverable
Chromium	310		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	28		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	180		1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	440		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	1500	B	2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	150		1.0	0.40	ug/L	1		6020B	Total Recoverable
Silver	0.28	J	0.50	0.10	ug/L	1		6020B	Total Recoverable
Thallium	0.20	J	0.50	0.13	ug/L	1		6020B	Total Recoverable
Zinc	1600		10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: SW-02_20241101 — Lab Sample ID: 410-192708-99

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	3.1	J	10	0.84	ug/L	1		8270E	Total/NA
Dimethyl phthalate	1.4	J	10	0.77	ug/L	1		8270E	Total/NA
Aluminum	3400		25	12	ug/L	1		6020B	Total Recoverable
Antimony	0.82	J	1.0	0.20	ug/L	1		6020B	Total Recoverable
Arsenic	6.2		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	74		2.0	0.75	ug/L	1		6020B	Total Recoverable
Beryllium	0.46	J	0.50	0.12	ug/L	1		6020B	Total Recoverable
Cadmium	0.97		0.50	0.15	ug/L	1		6020B	Total Recoverable
Chromium	43		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	3.2		0.50	0.16	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SW-02_20241101 (Continued) — Lab Sample ID: 410-192708-99

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	11		1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	38		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	340	B	2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	14		1.0	0.40	ug/L	1		6020B	Total Recoverable
Zinc	110		10	4.0	ug/L	1		6020B	Total Recoverable
Mercury	0.089	J	0.20	0.079	ug/L	1		7470A	Total/NA

Client Sample ID: EB-02_20241101 — Lab Sample ID: 410-192708-100

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	15	J	25	12	ug/L	1		6020B	Total Recoverable
Zinc	18		10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: FB-06_20241101 — Lab Sample ID: 410-192708-101

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	13	J	25	12	ug/L	1		6020B	Total Recoverable
Copper	0.77	J	1.0	0.36	ug/L	1		6020B	Total Recoverable

Client Sample ID: SED-04_0-1_20241104 — Lab Sample ID: 410-192708-102

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	9.1	J	32	6.4	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	11	J	32	7.7	ug/Kg	1	☼	8270E	Total/NA
Anthracene	28	J	32	6.4	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	200		32	6.4	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	350		32	6.4	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	570		32	6.4	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	310		32	6.4	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	200		32	6.4	ug/Kg	1	☼	8270E	Total/NA
Carbazole	32	J	71	32	ug/Kg	1	☼	8270E	Total/NA
Chrysene	380		32	6.4	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	72		32	13	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	520		32	6.4	ug/Kg	1	☼	8270E	Total/NA
Fluorene	9.3	J	32	6.4	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	240		32	7.7	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	14	J	32	13	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	190		32	7.7	ug/Kg	1	☼	8270E	Total/NA
Pyrene	510		32	6.4	ug/Kg	1	☼	8270E	Total/NA
Aluminum	9000	^2	33	16	mg/Kg	2	☼	6020B	Total/NA
Antimony	1.0		0.33	0.13	mg/Kg	2	☼	6020B	Total/NA
Arsenic	13		0.65	0.22	mg/Kg	2	☼	6020B	Total/NA
Barium	51	^2	0.65	0.30	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.2	B ^2	0.16	0.039	mg/Kg	2	☼	6020B	Total/NA
Cadmium	1.1		0.16	0.065	mg/Kg	2	☼	6020B	Total/NA
Chromium	120	^2	0.65	0.31	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-04_0-1_20241104 (Continued) — Lab Sample ID: 410-192708-102

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.2	^2	0.33	0.13	mg/Kg	2	☼	6020B	Total/NA
Copper	19	^2	0.65	0.29	mg/Kg	2	☼	6020B	Total/NA
Lead	41	^2	0.33	0.12	mg/Kg	2	☼	6020B	Total/NA
Manganese	200	^2	0.65	0.33	mg/Kg	2	☼	6020B	Total/NA
Nickel	23	^2	0.65	0.31	mg/Kg	2	☼	6020B	Total/NA
Silver	0.067	J	0.16	0.066	mg/Kg	2	☼	6020B	Total/NA
Zinc	180		49	6.5	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.054	J	0.11	0.037	mg/Kg	1	☼	7471B	Total/NA
Total Organic Carbon	29000		580	190	mg/Kg	1	☼	Lloyd Kahn	Total/NA

Client Sample ID: SED-05_0-1_20241104 — Lab Sample ID: 410-192708-103

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	8.2	J	24	7.2	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	5.7	J	24	4.8	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	14	J	24	5.8	ug/Kg	1	☼	8270E	Total/NA
Anthracene	25		24	4.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	150		24	4.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	200		24	4.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	260		24	4.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	180		24	4.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	90		24	4.8	ug/Kg	1	☼	8270E	Total/NA
Chrysene	190		24	4.8	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	40		24	9.7	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	290		24	4.8	ug/Kg	1	☼	8270E	Total/NA
Fluorene	8.5	J	24	4.8	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	150		24	5.8	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	14	J	24	9.7	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	130		24	5.8	ug/Kg	1	☼	8270E	Total/NA
Pyrene	270		24	4.8	ug/Kg	1	☼	8270E	Total/NA
PCB-1248 (1C)	16	J cn	25	7.7	ug/Kg	1	☼	8082A	Total/NA
Aluminum	5500	^2	24	12	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.47		0.24	0.095	mg/Kg	2	☼	6020B	Total/NA
Arsenic	8.1		0.47	0.16	mg/Kg	2	☼	6020B	Total/NA
Barium	23	^2	0.47	0.22	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.83	B ^2	0.12	0.028	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.35		0.12	0.047	mg/Kg	2	☼	6020B	Total/NA
Chromium	80	^2	0.47	0.23	mg/Kg	2	☼	6020B	Total/NA
Cobalt	2.7	^2	0.24	0.095	mg/Kg	2	☼	6020B	Total/NA
Copper	6.1	^2	0.47	0.21	mg/Kg	2	☼	6020B	Total/NA
Lead	25	^2	0.24	0.090	mg/Kg	2	☼	6020B	Total/NA
Manganese	47	^2	0.47	0.24	mg/Kg	2	☼	6020B	Total/NA
Nickel	13	^2	0.47	0.23	mg/Kg	2	☼	6020B	Total/NA
Zinc	72		36	4.7	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.039	J	0.081	0.027	mg/Kg	1	☼	7471B	Total/NA
Total Organic Carbon	17000		440	150	mg/Kg	1	☼	Lloyd Kahn	Total/NA

Client Sample ID: SED-06_0-1_20241104 — Lab Sample ID: 410-192708-104

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	13	J	26	7.8	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	15	J	26	5.2	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SED-06_0-1_20241104 (Continued) — Lab Sample ID: 410-192708-104

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	33		26	6.3	ug/Kg	1	☼	8270E	Total/NA
Anthracene	53		26	5.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	220		26	5.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	270		26	5.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	300		26	5.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	200		26	5.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	130		26	5.2	ug/Kg	1	☼	8270E	Total/NA
Carbazole	27	J	57	26	ug/Kg	1	☼	8270E	Total/NA
Chrysene	240		26	5.2	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	54		26	10	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	370		26	5.2	ug/Kg	1	☼	8270E	Total/NA
Fluorene	15	J	26	5.2	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	160		26	6.3	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	23	J	26	10	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	180		26	6.3	ug/Kg	1	☼	8270E	Total/NA
Pyrene	370		26	5.2	ug/Kg	1	☼	8270E	Total/NA
Aluminum	14000	^2	30	15	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.66		0.30	0.12	mg/Kg	2	☼	6020B	Total/NA
Arsenic	18		0.61	0.20	mg/Kg	2	☼	6020B	Total/NA
Barium	39	^2	0.61	0.28	mg/Kg	2	☼	6020B	Total/NA
Beryllium	1.5	B ^2	0.15	0.036	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.51		0.15	0.061	mg/Kg	2	☼	6020B	Total/NA
Chromium	140	^2	0.61	0.29	mg/Kg	2	☼	6020B	Total/NA
Cobalt	5.0	^2	0.30	0.12	mg/Kg	2	☼	6020B	Total/NA
Copper	16	^2	0.61	0.27	mg/Kg	2	☼	6020B	Total/NA
Lead	110	^2	0.30	0.12	mg/Kg	2	☼	6020B	Total/NA
Manganese	190	^2	0.61	0.30	mg/Kg	2	☼	6020B	Total/NA
Nickel	15	^2	0.61	0.29	mg/Kg	2	☼	6020B	Total/NA
Silver	0.17		0.15	0.062	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.084	J	0.15	0.060	mg/Kg	2	☼	6020B	Total/NA
Zinc	140		46	6.1	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.10		0.095	0.032	mg/Kg	1	☼	7471B	Total/NA
Total Organic Carbon	32000		470	160	mg/Kg	1	☼	Lloyd Kahn	Total/NA

Client Sample ID: SW-04_20241104 — Lab Sample ID: 410-192708-105

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.11	J	0.50	0.10	ug/L	1		8270E	Total/NA
Pyrene	0.10	J	0.50	0.10	ug/L	1		8270E	Total/NA
Aluminum	270		25	12	ug/L	1		6020B	Total Recoverable
Arsenic	1.6	J	2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	41		2.0	0.75	ug/L	1		6020B	Total Recoverable
Cadmium	0.25	J	0.50	0.15	ug/L	1		6020B	Total Recoverable
Chromium	2.8		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	1.3		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	2.8		1.0	0.36	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SW-04_20241104 (Continued) — Lab Sample ID: 410-192708-105

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.9		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	270		2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	4.4		1.0	0.40	ug/L	1		6020B	Total Recoverable
Zinc	25		10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: SW-05_20241104 — Lab Sample ID: 410-192708-106

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	530		25	12	ug/L	1		6020B	Total Recoverable
Arsenic	2.4		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	49		2.0	0.75	ug/L	1		6020B	Total Recoverable
Cadmium	0.29	J	0.50	0.15	ug/L	1		6020B	Total Recoverable
Chromium	5.5		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	1.7		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	4.1		1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	14		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	310		2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	5.3		1.0	0.40	ug/L	1		6020B	Total Recoverable
Zinc	39		10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: SW-06_20241104 — Lab Sample ID: 410-192708-107

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	2.6	J	5.2	2.1	ug/L	1		8270E	Total/NA
Aluminum	150		25	12	ug/L	1		6020B	Total Recoverable
Arsenic	0.88	J	2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	48		2.0	0.75	ug/L	1		6020B	Total Recoverable
Chromium	1.8	J	2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	0.53		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	0.74	J	1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	2.4		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	160		2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	2.6		1.0	0.40	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SW-06_20241104 (Continued) — Lab Sample ID: 410-192708-107

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	11		10	4.0	ug/L	1		6020B	Total Recoverable

Client Sample ID: MW-05_20241104 — Lab Sample ID: 410-192708-108

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	1.9		0.51	0.10	ug/L	1		8270E	Total/NA
Anthracene	0.12	J	0.51	0.10	ug/L	1		8270E	Total/NA
Fluorene	0.51		0.51	0.12	ug/L	1		8270E	Total/NA
Phenanthrene	0.59		0.51	0.11	ug/L	1		8270E	Total/NA
Aluminum	15	J	25	12	ug/L	1		6020B	Total Recoverable
Arsenic	1.2	J	2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	200		2.0	0.75	ug/L	1		6020B	Total Recoverable
Cobalt	0.44	J	0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	0.51	J	1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	1.6		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	180		2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	0.69	J	1.0	0.40	ug/L	1		6020B	Total Recoverable
Zinc	7.8	J	10	4.0	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-105_4-5

Date Collected: 10/14/24 09:00
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-1

Matrix: Solid
Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
1,1,2-Trichloroethane	ND		5.7	0.80	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
1,1-Dichloroethane	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
1,1-Dichloroethene	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
1,2,4-Trichlorobenzene	ND		11	5.7	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
1,2-Dibromo-3-Chloropropane	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
1,2-Dibromoethane	ND		5.7	0.80	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
1,2-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
1,2-Dichloroethane	ND		5.7	0.68	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
1,2-Dichloropropane	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
1,3-Dichlorobenzene	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
2-Butanone	**4.4**	**J**	11	2.3	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
2-Hexanone	ND		11	2.8	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
4-Methyl-2-pentanone	ND		11	2.3	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Acetone	**31**		23	6.8	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Benzene	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Bromodichloromethane	ND		5.7	0.80	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Bromoform	ND		11	5.7	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Bromomethane	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Carbon disulfide	**1.5**	**J**	5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Carbon tetrachloride	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Chloroethane	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Chloroform	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Chloromethane	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
cis-1,2-Dichloroethene	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
cis-1,3-Dichloropropene	ND		5.7	0.68	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Cyclohexane	ND		5.7	1.0	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Dibromochloromethane	ND		5.7	0.57	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Dichlorodifluoromethane	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Ethylbenzene	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Freon 113	ND		11	1.0	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Isopropylbenzene	ND		5.7	1.7	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Methyl acetate	**2.9**	**J**	5.7	1.1	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Methyl tertiary butyl ether	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Methylcyclohexane	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Methylene Chloride	ND		5.7	2.3	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Styrene	ND		5.7	1.0	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Tetrachloroethene	ND		5.7	1.7	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Toluene	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
trans-1,2-Dichloroethene	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
trans-1,3-Dichloropropene	ND		5.7	0.68	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Trichloroethene	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Trichlorofluoromethane	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Vinyl chloride	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1
Xylenes, Total	ND		11	0.80	ug/Kg	☼	10/19/24 10:33	10/22/24 16:41	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-105_4-5

Date Collected: 10/14/24 09:00
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-1

Matrix: Solid
Percent Solids: 83.4

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	10/19/24 10:33	10/22/24 16:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		54 - 135	10/19/24 10:33	10/22/24 16:41	1
Dibromofluoromethane (Surr)	100		50 - 141	10/19/24 10:33	10/22/24 16:41	1
4-Bromofluorobenzene (Surr)	94		50 - 131	10/19/24 10:33	10/22/24 16:41	1
Toluene-d8 (Surr)	98		52 - 141	10/19/24 10:33	10/22/24 16:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**25**	**J**	44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2,2'-oxybis[1-chloropropane]	ND		52	24	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2,4,5-Trichlorophenol	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2,4,6-Trichlorophenol	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2,4-Dichlorophenol	ND		52	24	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2,4-Dimethylphenol	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2,4-Dinitrophenol	ND		1200	500	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2,4-Dinitrotoluene	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2,6-Dinitrotoluene	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2-Chloronaphthalene	ND		40	16	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2-Chlorophenol	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2-Methylnaphthalene	**74**		20	5.9	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2-Methylphenol	ND		59	24	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2-Nitroaniline	ND		59	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
2-Nitrophenol	ND		59	24	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
3,3'-Dichlorobenzidine	ND		400	200	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
3-Nitroaniline	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
4,6-Dinitro-2-methylphenol	ND		590	200	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
4-Bromophenyl phenyl ether	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
4-Chloro-3-methylphenol	ND		59	24	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
4-Chloroaniline	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
4-Chlorophenyl phenyl ether	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
4-Methylphenol	ND		59	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
4-Nitroaniline	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
4-Nitrophenol	ND	cn	590	200	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Acenaphthene	**83**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Acenaphthylene	**25**		20	4.8	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Acetophenone	ND		59	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Anthracene	**100**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Atrazine	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Benzaldehyde	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Benzo[a]anthracene	**220**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Benzo[a]pyrene	**240**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Benzo[b]fluoranthene	**290**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Benzo[g,h,i]perylene	**160**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Benzo[k]fluoranthene	**110**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Bis(2-chloroethoxy)methane	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Bis(2-chloroethyl)ether	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Bis(2-ethylhexyl) phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Butyl benzyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-105_4-5

Date Collected: 10/14/24 09:00
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-1

Matrix: Solid
Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Carbazole	**21**	**J**	44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Chrysene	**230**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Di-n-butyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Di-n-octyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Dibenz(a,h)anthracene	**52**		20	7.9	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Dibenzofuran	**61**		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Diethyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Dimethyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Fluoranthene	**550**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Fluorene	**80**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Hexachlorobenzene	ND		40	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Hexachlorobutadiene	ND		59	24	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Hexachlorocyclopentadiene	ND		590	200	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Hexachloroethane	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Indeno[1,2,3-cd]pyrene	**150**		20	4.8	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Isophorone	ND		79	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
N-Nitrosodi-n-propylamine	ND		79	40	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
N-Nitrosodiphenylamine	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Naphthalene	**110**		20	7.9	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Nitrobenzene	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Pentachlorophenol	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Phenanthrene	**350**		20	4.8	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Phenol	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1
Pyrene	**500**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 02:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*460*	*T J B*	*ug/Kg*	☼	*1.38*	*N/A*	*10/25/24 11:30*	*11/12/24 02:38*	*1*
Unknown	*1400*	*T J B*	*ug/Kg*	☼	*3.70*	*N/A*	*10/25/24 11:30*	*11/12/24 02:38*	*1*
Unknown	*260*	*T J B*	*ug/Kg*	☼	*4.50*	*N/A*	*10/25/24 11:30*	*11/12/24 02:38*	*1*
Anthracene, 2-methyl-	*180*	*T J N*	*ug/Kg*	☼	*10.10*	*613-12-7*	*10/25/24 11:30*	*11/12/24 02:38*	*1*
Heptadecanoic acid	*420*	*T J N*	*ug/Kg*	☼	*10.20*	*506-12-7*	*10/25/24 11:30*	*11/12/24 02:38*	*1*
Tricosane, 2-methyl-	*160*	*T J N*	*ug/Kg*	☼	*13.46*	*1928-30-9*	*10/25/24 11:30*	*11/12/24 02:38*	*1*
Benzo[e]pyrene	*200*	*T J N*	*ug/Kg*	☼	*13.50*	*192-97-2*	*10/25/24 11:30*	*11/12/24 02:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*74*		*29 - 120*	*10/25/24 11:30*	*11/12/24 02:38*	*1*
2-Fluorophenol (Surr)	*70*		*18 - 120*	*10/25/24 11:30*	*11/12/24 02:38*	*1*
Nitrobenzene-d5 (Surr)	*72*		*22 - 120*	*10/25/24 11:30*	*11/12/24 02:38*	*1*
p-Terphenyl-d14 (Surr)	*77*		*36 - 123*	*10/25/24 11:30*	*11/12/24 02:38*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*13 - 127*	*10/25/24 11:30*	*11/12/24 02:38*	*1*
Phenol-d5 (Surr)	*72*		*20 - 120*	*10/25/24 11:30*	*11/12/24 02:38*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND		1.4	0.57	mg/Kg	☼	10/19/24 10:59	10/21/24 13:05	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*92*		*50 - 142*	*10/19/24 10:59*	*10/21/24 13:05*	*25*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-105_4-5

Date Collected: 10/14/24 09:00
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-1

Matrix: Solid
Percent Solids: 83.4

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	34		14	5.9	mg/Kg	☼	10/22/24 16:45	10/23/24 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr)	*73*		*49 - 154*	*10/22/24 16:45*	*10/23/24 08:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	6.3	ug/Kg	☼	10/21/24 15:50	10/22/24 06:58	1
PCB-1221 (1C)	ND		20	6.3	ug/Kg	☼	10/21/24 15:50	10/22/24 06:58	1
PCB-1232 (1C)	ND		20	6.3	ug/Kg	☼	10/21/24 15:50	10/22/24 06:58	1
PCB-1242 (1C)	ND		20	6.3	ug/Kg	☼	10/21/24 15:50	10/22/24 06:58	1
PCB-1248 (1C)	ND		20	6.3	ug/Kg	☼	10/21/24 15:50	10/22/24 06:58	1
PCB-1254 (1C)	ND		20	7.7	ug/Kg	☼	10/21/24 15:50	10/22/24 06:58	1
PCB-1260 (1C)	ND		20	7.7	ug/Kg	☼	10/21/24 15:50	10/22/24 06:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*66*		*66 - 130*	*10/21/24 15:50*	*10/22/24 06:58*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*76*		*66 - 130*	*10/21/24 15:50*	*10/22/24 06:58*	*1*
Tetrachloro-m-xylene (1C)	*81*		*68 - 130*	*10/21/24 15:50*	*10/22/24 06:58*	*1*
Tetrachloro-m-xylene (2C)	*69*		*68 - 130*	*10/21/24 15:50*	*10/22/24 06:58*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		23	11	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Antimony	0.72		0.23	0.092	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Arsenic	18		0.46	0.15	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Barium	28		0.46	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Beryllium	1.9		0.12	0.027	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Cadmium	1.6		0.12	0.046	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Chromium	230		2.3	1.1	mg/Kg	☼	10/22/24 21:30	11/08/24 13:20	10
Cobalt	7.0		0.23	0.092	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Copper	3.1		0.46	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Lead	75		0.23	0.088	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Manganese	350		0.46	0.23	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Nickel	28		0.46	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Silver	ND		0.12	0.047	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Thallium	ND		0.12	0.045	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2
Zinc	130		35	4.6	mg/Kg	☼	10/22/24 21:30	11/08/24 13:18	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.097		0.071	0.024	mg/Kg	☼	10/29/24 23:20	11/04/24 09:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	*+ cn	0.55	0.20	mg/Kg	☼	10/24/24 15:00	10/24/24 20:04	1
Percent Moisture (EPA Moisture)	16.6		1.0	1.0	%			10/18/24 22:27	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-107_0-1

Date Collected: 10/14/24 10:15
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-2

Matrix: Solid
Percent Solids: 83.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Acenaphthylene	ND		20	4.8	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Anthracene	ND		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Benzo[a]anthracene	ND		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Benzo[a]pyrene	**4.1**	**J**	20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Benzo[b]fluoranthene	**4.1**	**J**	20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Benzo[g,h,i]perylene	**5.3**	**J**	20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Benzo[k]fluoranthene	**4.1**	**J**	20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Chrysene	ND		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Dibenz(a,h)anthracene	ND		20	7.9	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Fluoranthene	ND		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Fluorene	ND		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Indeno[1,2,3-cd]pyrene	**5.6**	**J**	20	4.8	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Naphthalene	ND		20	7.9	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Phenanthrene	ND		20	4.8	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1
Pyrene	ND		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*29 - 120*	*10/25/24 11:30*	*11/12/24 03:00*	*1*
Nitrobenzene-d5 (Surr)	*73*		*22 - 120*	*10/25/24 11:30*	*11/12/24 03:00*	*1*
p-Terphenyl-d14 (Surr)	*85*		*36 - 123*	*10/25/24 11:30*	*11/12/24 03:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	6.3	ug/Kg	☼	10/21/24 15:50	10/22/24 07:09	1
PCB-1221 (1C)	ND		20	6.3	ug/Kg	☼	10/21/24 15:50	10/22/24 07:09	1
PCB-1232 (1C)	ND		20	6.3	ug/Kg	☼	10/21/24 15:50	10/22/24 07:09	1
PCB-1242 (1C)	ND		20	6.3	ug/Kg	☼	10/21/24 15:50	10/22/24 07:09	1
PCB-1248 (1C)	ND		20	6.3	ug/Kg	☼	10/21/24 15:50	10/22/24 07:09	1
PCB-1254 (1C)	ND		20	7.6	ug/Kg	☼	10/21/24 15:50	10/22/24 07:09	1
PCB-1260 (1C)	ND		20	7.6	ug/Kg	☼	10/21/24 15:50	10/22/24 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*66*		*66 - 130*	*10/21/24 15:50*	*10/22/24 07:09*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*76*		*66 - 130*	*10/21/24 15:50*	*10/22/24 07:09*	*1*
Tetrachloro-m-xylene (1C)	*86*		*68 - 130*	*10/21/24 15:50*	*10/22/24 07:09*	*1*
Tetrachloro-m-xylene (2C)	*80*		*68 - 130*	*10/21/24 15:50*	*10/22/24 07:09*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7900**		23	11	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2
Antimony	**0.14**	**J**	0.23	0.091	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2
Arsenic	**2.1**		0.45	0.15	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2
Barium	**17**		0.45	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2
Beryllium	**0.34**		0.11	0.027	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2
Cadmium	ND		0.11	0.045	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2
Chromium	**47**		0.45	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2
Cobalt	**0.73**		0.23	0.091	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2
Copper	**2.2**		0.45	0.20	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2
Lead	**4.7**		0.23	0.086	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2

Client Sample ID: SB-107_0-1

Lab Sample ID: 410-192708-2
Date Collected: 10/14/24 10:15
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 83.1

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**11**		0.45	0.23	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2
Nickel	**2.1**		0.45	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2
Silver	ND		0.11	0.046	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2
Thallium	**0.078**	**J**	0.11	0.045	mg/Kg	☼	10/22/24 21:30	11/18/24 10:52	2
Zinc	**12**	**J**	34	4.5	mg/Kg	☼	10/22/24 21:30	11/08/24 13:14	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.071	0.024	mg/Kg	☼	10/29/24 23:20	11/04/24 08:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	*+ cn	0.58	0.21	mg/Kg	☼	10/24/24 15:00	10/24/24 20:05	1
Percent Moisture (EPA Moisture)	**16.9**		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: SB-107_4-5

Lab Sample ID: 410-192708-3
Date Collected: 10/14/24 10:20
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		19	3.7	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Acenaphthylene	ND		19	4.4	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Anthracene	ND		19	3.7	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Benzo[a]anthracene	ND		19	3.7	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Benzo[a]pyrene	ND		19	3.7	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Benzo[b]fluoranthene	ND		19	3.7	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Benzo[g,h,i]perylene	ND		19	3.7	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Benzo[k]fluoranthene	ND		19	3.7	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Chrysene	ND		19	3.7	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Dibenz(a,h)anthracene	ND		19	7.4	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Fluoranthene	ND		19	3.7	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Fluorene	ND		19	3.7	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Indeno[1,2,3-cd]pyrene	ND		19	4.4	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Naphthalene	ND		19	7.4	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Phenanthrene	ND		19	4.4	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1
Pyrene	ND		19	3.7	ug/Kg	☼	10/25/24 11:30	11/12/24 03:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*29 - 120*	*10/25/24 11:30*	*11/12/24 03:21*	*1*
Nitrobenzene-d5 (Surr)	*69*		*22 - 120*	*10/25/24 11:30*	*11/12/24 03:21*	*1*
p-Terphenyl-d14 (Surr)	*72*		*36 - 123*	*10/25/24 11:30*	*11/12/24 03:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND	cn	19	6.0	ug/Kg	☼	10/21/24 15:50	10/22/24 07:21	1
PCB-1221 (1C)	ND	cn	19	6.0	ug/Kg	☼	10/21/24 15:50	10/22/24 07:21	1
PCB-1232 (1C)	ND	cn	19	6.0	ug/Kg	☼	10/21/24 15:50	10/22/24 07:21	1
PCB-1242 (1C)	ND	cn	19	6.0	ug/Kg	☼	10/21/24 15:50	10/22/24 07:21	1
PCB-1248 (1C)	ND	cn	19	6.0	ug/Kg	☼	10/21/24 15:50	10/22/24 07:21	1
PCB-1254 (1C)	ND	cn	19	7.2	ug/Kg	☼	10/21/24 15:50	10/22/24 07:21	1

Client Sample ID: SB-107_4-5

Lab Sample ID: 410-192708-3
Date Collected: 10/14/24 10:20
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260 (1C)	ND	cn	19	7.2	ug/Kg	☼	10/21/24 15:50	10/22/24 07:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*35*	*S1- cn*	*66 - 130*	*10/21/24 15:50*	*10/22/24 07:21*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*34*	*S1- cn*	*66 - 130*	*10/21/24 15:50*	*10/22/24 07:21*	*1*
Tetrachloro-m-xylene (1C)	*67*	*S1- cn*	*68 - 130*	*10/21/24 15:50*	*10/22/24 07:21*	*1*
Tetrachloro-m-xylene (2C)	*64*	*S1- cn*	*68 - 130*	*10/21/24 15:50*	*10/22/24 07:21*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		17	8.6	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Antimony	**0.099**	**J**	0.17	0.069	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Arsenic	**8.3**		0.35	0.12	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Barium	**37**		0.35	0.16	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Beryllium	**0.50**		0.087	0.021	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Cadmium	ND		0.087	0.035	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Chromium	**54**		0.35	0.17	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Cobalt	**1.6**		0.17	0.069	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Copper	**3.9**		0.35	0.16	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Lead	**6.2**		0.17	0.066	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Manganese	**21**		0.35	0.17	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Nickel	**4.6**		0.35	0.17	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Silver	ND		0.087	0.035	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2
Thallium	**0.10**		0.087	0.034	mg/Kg	☼	10/22/24 21:30	11/18/24 10:54	2
Zinc	**21**	**J**	26	3.5	mg/Kg	☼	10/22/24 21:30	11/08/24 13:32	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.065	0.022	mg/Kg	☼	10/29/24 23:20	11/04/24 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	*+ cn	0.55	0.20	mg/Kg	☼	10/24/24 15:00	10/24/24 20:05	1
Percent Moisture (EPA Moisture)	**11.4**		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: SB-104_0-1

Lab Sample ID: 410-192708-4
Date Collected: 10/14/24 10:45
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2,2'-oxybis[1-chloropropane]	ND	cn	250	120	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2,4,5-Trichlorophenol	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2,4,6-Trichlorophenol	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2,4-Dichlorophenol	ND	cn	250	120	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2,4-Dimethylphenol	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2,4-Dinitrophenol	ND	cn	5800	2400	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2,4-Dinitrotoluene	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2,6-Dinitrotoluene	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2-Chloronaphthalene	ND	cn	190	77	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5

Client Sample ID: SB-104_0-1

Date Collected: 10/14/24 10:45
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-4

Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2-Methylnaphthalene	**60**	**J cn**	96	29	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2-Methylphenol	ND	cn	290	120	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2-Nitroaniline	ND	cn	290	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
2-Nitrophenol	ND	cn	290	120	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
3,3'-Dichlorobenzidine	ND	cn	1900	960	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
3-Nitroaniline	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
4,6-Dinitro-2-methylphenol	ND	cn	2900	960	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
4-Bromophenyl phenyl ether	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
4-Chloro-3-methylphenol	ND	cn	290	120	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
4-Chloroaniline	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
4-Chlorophenyl phenyl ether	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
4-Methylphenol	ND	cn	290	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
4-Nitroaniline	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
4-Nitrophenol	ND	cn	2900	960	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Acenaphthene	**60**	**J cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Acenaphthylene	**46**	**J cn**	96	23	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Acetophenone	ND	cn	290	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Anthracene	**160**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Atrazine	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Benzaldehyde	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Benzo[a]anthracene	**420**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Benzo[a]pyrene	**520**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Benzo[b]fluoranthene	**530**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Benzo[g,h,i]perylene	**380**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Benzo[k]fluoranthene	**250**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Bis(2-chloroethoxy)methane	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Bis(2-chloroethyl)ether	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Bis(2-ethylhexyl) phthalate	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Butyl benzyl phthalate	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Caprolactam	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Carbazole	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Chrysene	**500**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Di-n-butyl phthalate	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Di-n-octyl phthalate	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Dibenz(a,h)anthracene	**100**	**cn**	96	38	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Dibenzofuran	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Diethyl phthalate	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Dimethyl phthalate	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Fluoranthene	**810**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Fluorene	**53**	**J cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Hexachlorobenzene	ND	cn	190	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Hexachlorobutadiene	ND	cn	290	120	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Hexachlorocyclopentadiene	ND	cn	2900	960	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Hexachloroethane	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Indeno[1,2,3-cd]pyrene	**310**	**cn**	96	23	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Isophorone	ND	cn	380	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
N-Nitrosodi-n-propylamine	ND	cn	380	190	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
N-Nitrosodiphenylamine	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5

Client Sample ID: SB-104_0-1

Date Collected: 10/14/24 10:45
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-4

Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**68**	**J cn**	96	38	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Nitrobenzene	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Pentachlorophenol	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Phenanthrene	**730**	**cn**	96	23	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Phenol	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5
Pyrene	**990**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 03:43	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2100*	*T J B cn*	*ug/Kg*	☼	*3.68*	*N/A*	*10/25/24 11:30*	*11/12/24 03:43*	*5*
Octacosane	*840*	*T J N cn*	*ug/Kg*	☼	*14.13*	*630-02-4*	*10/25/24 11:30*	*11/12/24 03:43*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*72*	*cn*	*29 - 120*	*10/25/24 11:30*	*11/12/24 03:43*	*5*
2-Fluorophenol (Surr)	*62*	*cn*	*18 - 120*	*10/25/24 11:30*	*11/12/24 03:43*	*5*
Nitrobenzene-d5 (Surr)	*66*	*cn*	*22 - 120*	*10/25/24 11:30*	*11/12/24 03:43*	*5*
p-Terphenyl-d14 (Surr)	*72*	*cn*	*36 - 123*	*10/25/24 11:30*	*11/12/24 03:43*	*5*
2,4,6-Tribromophenol (Surr)	*71*	*cn*	*13 - 127*	*10/25/24 11:30*	*11/12/24 03:43*	*5*
Phenol-d5 (Surr)	*65*	*cn*	*20 - 120*	*10/25/24 11:30*	*11/12/24 03:43*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		21	11	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Antimony	**0.45**		0.21	0.086	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Arsenic	**16**		0.43	0.14	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Barium	**43**		0.43	0.20	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Beryllium	**1.7**		0.11	0.025	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Cadmium	**0.58**		0.11	0.043	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Chromium	**150**		0.43	0.20	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Cobalt	**4.3**		0.21	0.086	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Copper	**6.6**		0.43	0.19	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Lead	**62**		0.21	0.081	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Manganese	**240**		0.43	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Nickel	**14**		0.43	0.20	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Silver	**0.064**	**J**	0.11	0.043	mg/Kg	☼	10/22/24 21:30	11/08/24 13:45	2
Thallium	**0.072**	**J**	0.11	0.042	mg/Kg	☼	10/22/24 21:30	11/18/24 10:58	2
Zinc	**570**		160	21	mg/Kg	☼	10/22/24 21:30	11/08/24 13:47	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.18**		0.068	0.023	mg/Kg	☼	10/29/24 23:20	11/04/24 09:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	*+ cn	0.59	0.21	mg/Kg	☼	10/24/24 15:00	10/24/24 20:05	1
Percent Moisture (EPA Moisture)	**13.5**		1.0	1.0	%			10/18/24 22:27	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-104_4-5

Date Collected: 10/14/24 10:50
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-5

Matrix: Solid
Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
1,1,2-Trichloroethane	ND		5.3	0.75	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
1,1-Dichloroethane	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
1,1-Dichloroethene	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
1,2,4-Trichlorobenzene	ND		11	5.3	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
1,2-Dibromo-3-Chloropropane	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
1,2-Dibromoethane	ND		5.3	0.75	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
1,2-Dichlorobenzene	ND		5.3	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
1,2-Dichloroethane	ND		5.3	0.64	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
1,2-Dichloropropane	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
1,3-Dichlorobenzene	ND		5.3	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
1,4-Dichlorobenzene	ND		5.3	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
2-Butanone	**15**		11	2.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
2-Hexanone	ND		11	2.7	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
4-Methyl-2-pentanone	ND		11	2.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Acetone	**110**		21	6.4	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Benzene	**1.4**	**J**	5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Bromodichloromethane	ND		5.3	0.75	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Bromoform	ND		11	5.3	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Bromomethane	ND		5.3	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Carbon disulfide	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Carbon tetrachloride	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Chlorobenzene	ND		5.3	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Chloroethane	ND		5.3	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Chloroform	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Chloromethane	ND		5.3	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
cis-1,2-Dichloroethene	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
cis-1,3-Dichloropropene	ND		5.3	0.64	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Cyclohexane	ND		5.3	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Dibromochloromethane	ND		5.3	0.53	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Dichlorodifluoromethane	ND		5.3	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Freon 113	ND		11	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Isopropylbenzene	ND		5.3	1.6	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Methyl acetate	**3.1**	**J**	5.3	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Methyl tertiary butyl ether	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Methylcyclohexane	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Methylene Chloride	ND		5.3	2.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Styrene	ND		5.3	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Tetrachloroethene	ND		5.3	1.6	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Toluene	ND		5.3	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
trans-1,2-Dichloroethene	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
trans-1,3-Dichloropropene	ND		5.3	0.64	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Trichloroethene	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Trichlorofluoromethane	ND		5.3	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Vinyl chloride	ND		5.3	0.85	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1
Xylenes, Total	ND		11	0.75	ug/Kg	☼	10/19/24 10:59	10/22/24 17:03	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-104_4-5

Date Collected: 10/14/24 10:50
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-5

Matrix: Solid
Percent Solids: 83.2

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	30	T J	ug/Kg	☼	11.50	N/A	10/19/24 10:59	10/22/24 17:03	1
Unknown	30	T J	ug/Kg	☼	11.56	N/A	10/19/24 10:59	10/22/24 17:03	1
Unknown	22	T J	ug/Kg	☼	11.94	N/A	10/19/24 10:59	10/22/24 17:03	1
Unknown	57	T J	ug/Kg	☼	12.09	N/A	10/19/24 10:59	10/22/24 17:03	1
Unknown	14	T J	ug/Kg	☼	12.36	N/A	10/19/24 10:59	10/22/24 17:03	1
Unknown	9.0	T J	ug/Kg	☼	12.42	N/A	10/19/24 10:59	10/22/24 17:03	1
Unknown	19	T J	ug/Kg	☼	12.56	N/A	10/19/24 10:59	10/22/24 17:03	1
Unknown	12	T J	ug/Kg	☼	12.85	N/A	10/19/24 10:59	10/22/24 17:03	1
Naphthalene, decahydro-, trans-	14	T J N	ug/Kg	☼	12.97	493-02-7	10/19/24 10:59	10/22/24 17:03	1
Unknown	9.4	T J	ug/Kg	☼	13.09	N/A	10/19/24 10:59	10/22/24 17:03	1
Benzene, 2-ethyl-1,4-dimethyl-	14	T J N	ug/Kg	☼	13.18	1758-88-9	10/19/24 10:59	10/22/24 17:03	1
Benzene, 1-methyl-4-(2-propenyl)-	14	T J N	ug/Kg	☼	13.27	3333-13-9	10/19/24 10:59	10/22/24 17:03	1
Unknown	19	T J	ug/Kg	☼	13.44	N/A	10/19/24 10:59	10/22/24 17:03	1
Naphthalene, decahydro-2-methyl-	16	T J N	ug/Kg	☼	13.56	2958-76-1	10/19/24 10:59	10/22/24 17:03	1
Benzene, (2-chloro-2-butenyl)-	12	T J N	ug/Kg	☼	14.10	54411-12-0	10/19/24 10:59	10/22/24 17:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		54 - 135	10/19/24 10:59	10/22/24 17:03	1
Dibromofluoromethane (Surr)	103		50 - 141	10/19/24 10:59	10/22/24 17:03	1
4-Bromofluorobenzene (Surr)	91		50 - 131	10/19/24 10:59	10/22/24 17:03	1
Toluene-d8 (Surr)	104		52 - 141	10/19/24 10:59	10/22/24 17:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2,2'-oxybis[1-chloropropane]	ND		51	24	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2,4,5-Trichlorophenol	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2,4,6-Trichlorophenol	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2,4-Dichlorophenol	ND		51	24	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2,4-Dimethylphenol	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2,4-Dinitrophenol	ND		1200	500	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2,4-Dinitrotoluene	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2,6-Dinitrotoluene	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2-Chloronaphthalene	ND		40	16	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2-Chlorophenol	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2-Methylnaphthalene	**22**		20	5.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2-Methylphenol	ND		59	24	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2-Nitroaniline	ND		59	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
2-Nitrophenol	ND		59	24	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
3,3'-Dichlorobenzidine	ND		400	200	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
3-Nitroaniline	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
4,6-Dinitro-2-methylphenol	ND		590	200	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
4-Bromophenyl phenyl ether	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
4-Chloro-3-methylphenol	ND		59	24	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
4-Chloroaniline	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
4-Chlorophenyl phenyl ether	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
4-Methylphenol	ND		59	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
4-Nitroaniline	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
4-Nitrophenol	ND	cn	590	200	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Acenaphthene	**11**	**J**	20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1

Client Sample ID: SB-104_4-5

Date Collected: 10/14/24 10:50
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-5

Matrix: Solid
Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**10**	**J**	20	4.7	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Acetophenone	ND		59	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Anthracene	**13**	**J**	20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Atrazine	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Benzaldehyde	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Benzo[a]anthracene	**51**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Benzo[a]pyrene	**63**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Benzo[b]fluoranthene	**87**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Benzo[g,h,i]perylene	**58**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Benzo[k]fluoranthene	**30**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Bis(2-chloroethoxy)methane	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Bis(2-chloroethyl)ether	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Bis(2-ethylhexyl) phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Butyl benzyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Caprolactam	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Carbazole	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Chrysene	**61**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Di-n-butyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Di-n-octyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Dibenz(a,h)anthracene	**15**	**J**	20	7.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Dibenzofuran	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Diethyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Dimethyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Fluoranthene	**99**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Fluorene	**59**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Hexachlorobenzene	ND		40	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Hexachlorobutadiene	ND		59	24	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Hexachlorocyclopentadiene	ND		590	200	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Hexachloroethane	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Indeno[1,2,3-cd]pyrene	**48**		20	4.7	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Isophorone	ND		79	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
N-Nitrosodi-n-propylamine	ND		79	40	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
N-Nitrosodiphenylamine	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Naphthalene	**19**	**J**	20	7.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Nitrobenzene	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Pentachlorophenol	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Phenanthrene	**140**		20	4.7	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Phenol	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1
Pyrene	**88**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/12/24 04:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*350*	*T J B*	*ug/Kg*	☼	*1.37*	*N/A*	*10/25/24 11:30*	*11/12/24 04:04*	*1*
Unknown	*1700*	*T J B*	*ug/Kg*	☼	*3.70*	*N/A*	*10/25/24 11:30*	*11/12/24 04:04*	*1*
Unknown	*260*	*T J B*	*ug/Kg*	☼	*4.50*	*N/A*	*10/25/24 11:30*	*11/12/24 04:04*	*1*
Unknown	*160*	*T J B*	*ug/Kg*	☼	*4.78*	*N/A*	*10/25/24 11:30*	*11/12/24 04:04*	*1*
n-Hexadecanoic acid	*390*	*T J N*	*ug/Kg*	☼	*10.21*	*57-10-3*	*10/25/24 11:30*	*11/12/24 04:04*	*1*
1-Docosene	*270*	*T J N*	*ug/Kg*	☼	*12.11*	*1599-67-3*	*10/25/24 11:30*	*11/12/24 04:04*	*1*
Docosanoic acid	*210*	*T J N*	*ug/Kg*	☼	*12.35*	*112-85-6*	*10/25/24 11:30*	*11/12/24 04:04*	*1*
3-Eicosene, (E)-	*390*	*T J N*	*ug/Kg*	☼	*12.80*	*74685-33-9*	*10/25/24 11:30*	*11/12/24 04:04*	*1*
Heneicosanoic acid	*190*	*T J N*	*ug/Kg*	☼	*13.03*	*2363-71-5*	*10/25/24 11:30*	*11/12/24 04:04*	*1*

Client Sample ID: SB-104_4-5

Lab Sample ID: 410-192708-5
Date Collected: 10/14/24 10:50
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 83.2

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Docosane, 9-butyl-	640	T J N	ug/Kg	☼	13.46	55282-14-9	10/25/24 11:30	11/12/24 04:04	1
Hexatriacontane	790	T J N	ug/Kg	☼	14.13	630-06-8	10/25/24 11:30	11/12/24 04:04	1
Heptacosane	220	T J N	ug/Kg	☼	14.87	593-49-7	10/25/24 11:30	11/12/24 04:04	1
Stigmasterol, 22,23-dihydro-	290	T J N	ug/Kg	☼	15.10	1000214-20-7	10/25/24 11:30	11/12/24 04:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	85		29 - 120	10/25/24 11:30	11/12/24 04:04	1
2-Fluorophenol (Surr)	80		18 - 120	10/25/24 11:30	11/12/24 04:04	1
Nitrobenzene-d5 (Surr)	79		22 - 120	10/25/24 11:30	11/12/24 04:04	1
p-Terphenyl-d14 (Surr)	92		36 - 123	10/25/24 11:30	11/12/24 04:04	1
2,4,6-Tribromophenol (Surr)	97		13 - 127	10/25/24 11:30	11/12/24 04:04	1
Phenol-d5 (Surr)	82		20 - 120	10/25/24 11:30	11/12/24 04:04	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7000**		24	12	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Antimony	**0.42**		0.24	0.094	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Arsenic	**6.5**		0.47	0.16	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Barium	**55**		0.47	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Beryllium	**0.71**		0.12	0.028	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Cadmium	**0.25**		0.12	0.047	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Chromium	**53**		0.47	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Cobalt	**2.1**		0.24	0.094	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Copper	**8.9**		0.47	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Lead	**79**		0.24	0.090	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Manganese	**86**		0.47	0.24	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Nickel	**5.5**		0.47	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Silver	**0.12**		0.12	0.048	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2
Thallium	**0.062**	**J**	0.12	0.046	mg/Kg	☼	10/22/24 21:30	11/23/24 10:03	2
Zinc	**120**		35	4.7	mg/Kg	☼	10/22/24 21:30	11/08/24 14:07	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.18**		0.072	0.024	mg/Kg	☼	10/29/24 23:20	11/04/24 09:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.58	0.21	mg/Kg	☼	10/25/24 16:15	10/25/24 20:50	1
Percent Moisture (EPA Moisture)	**16.8**		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: SB-106_0-1

Lab Sample ID: 410-192708-6
Date Collected: 10/14/24 11:45
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2,2'-oxybis[1-chloropropane]	ND	cn	250	110	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2,4,5-Trichlorophenol	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2,4,6-Trichlorophenol	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5

Client Sample ID: SB-106_0-1

Date Collected: 10/14/24 11:45
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-6

Matrix: Solid
Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND	cn	250	110	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2,4-Dimethylphenol	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2,4-Dinitrophenol	ND	cn	5700	2400	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2,4-Dinitrotoluene	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2,6-Dinitrotoluene	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2-Chloronaphthalene	ND	cn	190	77	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2-Chlorophenol	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2-Methylnaphthalene	ND	cn	96	29	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2-Methylphenol	ND	cn	290	110	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2-Nitroaniline	ND	cn	290	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
2-Nitrophenol	ND	cn	290	110	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
3,3'-Dichlorobenzidine	ND	cn	1900	960	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
3-Nitroaniline	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
4,6-Dinitro-2-methylphenol	ND	cn	2900	960	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
4-Bromophenyl phenyl ether	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
4-Chloro-3-methylphenol	ND	cn	290	110	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
4-Chloroaniline	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
4-Chlorophenyl phenyl ether	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
4-Methylphenol	ND	cn	290	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
4-Nitroaniline	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
4-Nitrophenol	ND	cn	2900	960	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Acenaphthene	ND	cn	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Acenaphthylene	**330**	**cn**	96	23	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Acetophenone	ND	cn	290	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Anthracene	**180**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Atrazine	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Benzaldehyde	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Benzo[a]anthracene	**110**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Benzo[a]pyrene	**950**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Benzo[b]fluoranthene	**780**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Benzo[g,h,i]perylene	**820**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Benzo[k]fluoranthene	**230**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Bis(2-chloroethoxy)methane	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Bis(2-chloroethyl)ether	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Bis(2-ethylhexyl) phthalate	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Butyl benzyl phthalate	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Caprolactam	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Carbazole	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Chrysene	**280**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Di-n-butyl phthalate	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Di-n-octyl phthalate	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Dibenz(a,h)anthracene	**360**	**cn**	96	38	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Dibenzofuran	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Diethyl phthalate	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Dimethyl phthalate	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Fluoranthene	**110**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Fluorene	**48**	**J cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Hexachlorobenzene	ND	cn	190	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Hexachlorobutadiene	ND	cn	290	110	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5

Client Sample ID: SB-106_0-1

Date Collected: 10/14/24 11:45
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-6

Matrix: Solid
Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND	cn	2900	960	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Hexachloroethane	ND	cn	960	190	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Indeno[1,2,3-cd]pyrene	**740**	**cn**	96	23	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Isophorone	ND	cn	380	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
N-Nitrosodi-n-propylamine	ND	cn	380	190	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
N-Nitrosodiphenylamine	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Naphthalene	ND	cn	96	38	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Nitrobenzene	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Pentachlorophenol	ND	cn	960	380	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Phenanthrene	**56**	**J cn**	96	23	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Phenol	ND	cn	210	96	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5
Pyrene	**590**	**cn**	96	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:25	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*870*	*T J B cn*	*ug/Kg*	☼	*1.36*	*N/A*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Unknown	*1600*	*T J B cn*	*ug/Kg*	☼	*3.68*	*N/A*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Unknown	*1000*	*T J cn*	*ug/Kg*	☼	*9.93*	*N/A*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Unknown	*2200*	*T J cn*	*ug/Kg*	☼	*10.02*	*N/A*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Unknown	*1700*	*T J cn*	*ug/Kg*	☼	*10.21*	*N/A*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Unknown	*1300*	*T J cn*	*ug/Kg*	☼	*10.28*	*N/A*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Unknown	*1200*	*T J cn*	*ug/Kg*	☼	*10.33*	*N/A*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Unknown	*1800*	*T J cn*	*ug/Kg*	☼	*10.44*	*N/A*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Unknown	*1500*	*T J cn*	*ug/Kg*	☼	*10.63*	*N/A*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Unknown	*850*	*T J cn*	*ug/Kg*	☼	*11.12*	*N/A*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Unknown	*780*	*T J cn*	*ug/Kg*	☼	*11.28*	*N/A*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Benzo[e]pyrene	*1400*	*T J N cn*	*ug/Kg*	☼	*13.51*	*192-97-2*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Unknown	*890*	*T J cn*	*ug/Kg*	☼	*14.55*	*N/A*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
1,2:3,4-Dibenzopyrene	*870*	*T J N cn*	*ug/Kg*	☼	*16.38*	*191-30-0*	*10/25/24 11:30*	*11/12/24 04:25*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*	*cn*	*29 - 120*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
2-Fluorophenol (Surr)	*66*	*cn*	*18 - 120*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Nitrobenzene-d5 (Surr)	*69*	*cn*	*22 - 120*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
p-Terphenyl-d14 (Surr)	*84*	*cn*	*36 - 123*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
2,4,6-Tribromophenol (Surr)	*82*	*cn*	*13 - 127*	*10/25/24 11:30*	*11/12/24 04:25*	*5*
Phenol-d5 (Surr)	*71*	*cn*	*20 - 120*	*10/25/24 11:30*	*11/12/24 04:25*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		18	8.8	mg/Kg	☼	10/22/24 21:30	11/08/24 13:10	2
Antimony	**0.73**		0.18	0.071	mg/Kg	☼	10/22/24 21:30	11/08/24 13:10	2
Arsenic	**15**		0.35	0.12	mg/Kg	☼	10/22/24 21:30	11/08/24 13:10	2
Barium	**56**		0.35	0.16	mg/Kg	☼	10/22/24 21:30	11/08/24 13:10	2
Beryllium	**1.6**		0.089	0.021	mg/Kg	☼	10/22/24 21:30	11/08/24 13:10	2
Cadmium	**0.65**		0.089	0.035	mg/Kg	☼	10/22/24 21:30	11/08/24 13:10	2
Chromium	**170**		1.8	0.84	mg/Kg	☼	10/22/24 21:30	11/08/24 13:12	10
Cobalt	**7.1**		0.18	0.071	mg/Kg	☼	10/22/24 21:30	11/08/24 13:10	2
Copper	**12**		0.35	0.16	mg/Kg	☼	10/22/24 21:30	11/08/24 13:10	2
Lead	**310**		0.89	0.34	mg/Kg	☼	10/22/24 21:30	11/08/24 13:12	10
Manganese	**250**		0.35	0.18	mg/Kg	☼	10/22/24 21:30	11/08/24 13:10	2

Client Sample ID: SB-106_0-1

Lab Sample ID: 410-192708-6
Date Collected: 10/14/24 11:45
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 86.1

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**27**		0.35	0.17	mg/Kg	☼	10/22/24 21:30	11/08/24 13:10	2
Silver	**0.084**	**J**	0.089	0.036	mg/Kg	☼	10/22/24 21:30	11/08/24 13:10	2
Thallium	**0.069**	**J**	0.089	0.035	mg/Kg	☼	10/22/24 21:30	11/18/24 10:50	2
Zinc	**140**		27	3.5	mg/Kg	☼	10/22/24 21:30	11/08/24 13:10	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.37**		0.065	0.022	mg/Kg	☼	10/29/24 23:20	11/04/24 08:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.58	0.21	mg/Kg	☼	10/25/24 16:15	10/25/24 20:57	1
Percent Moisture (EPA Moisture)	**13.9**		1.0	1.0	%			10/23/24 12:55	1

Client Sample ID: SB-106_4-5

Lab Sample ID: 410-192708-7
Date Collected: 10/14/24 11:50
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
1,1,2,2-Tetrachloroethane	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
1,1,2-Trichloroethane	ND		5.1	0.71	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
1,1-Dichloroethane	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
1,1-Dichloroethene	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
1,2,4-Trichlorobenzene	ND		10	5.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
1,2-Dibromo-3-Chloropropane	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
1,2-Dibromoethane	ND		5.1	0.71	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
1,2-Dichlorobenzene	ND		5.1	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
1,2-Dichloroethane	ND		5.1	0.61	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
1,2-Dichloropropane	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
1,3-Dichlorobenzene	ND		5.1	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
1,4-Dichlorobenzene	ND		5.1	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
2-Butanone	**2.7**	**J**	10	2.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
2-Hexanone	ND		10	2.5	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
4-Methyl-2-pentanone	ND		10	2.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Acetone	**23**		20	6.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Benzene	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Bromodichloromethane	ND		5.1	0.71	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Bromoform	ND		10	5.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Bromomethane	ND		5.1	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Carbon disulfide	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Carbon tetrachloride	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Chlorobenzene	ND		5.1	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Chloroform	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Chloromethane	ND		5.1	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
cis-1,2-Dichloroethene	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
cis-1,3-Dichloropropene	ND		5.1	0.61	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Cyclohexane	ND		5.1	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1

Client Sample ID: SB-106_4-5

Date Collected: 10/14/24 11:50
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-7

Matrix: Solid
Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		5.1	0.51	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Dichlorodifluoromethane	ND		5.1	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Ethylbenzene	ND		5.1	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Freon 113	ND		10	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Isopropylbenzene	ND		5.1	1.5	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Methyl acetate	**1.6**	**J**	5.1	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Methyl tertiary butyl ether	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Methylcyclohexane	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Methylene Chloride	ND		5.1	2.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Styrene	ND		5.1	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Tetrachloroethene	ND		5.1	1.5	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Toluene	ND		5.1	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
trans-1,2-Dichloroethene	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
trans-1,3-Dichloropropene	ND		5.1	0.61	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Trichloroethene	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Trichlorofluoromethane	ND		5.1	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Vinyl chloride	ND		5.1	0.81	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1
Xylenes, Total	ND		10	0.71	ug/Kg	☼	10/19/24 10:59	10/22/24 17:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/19/24 10:59*	*10/22/24 17:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*10/19/24 10:59*	*10/22/24 17:26*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*10/19/24 10:59*	*10/22/24 17:26*	*1*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*10/19/24 10:59*	*10/22/24 17:26*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*10/19/24 10:59*	*10/22/24 17:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2,2'-oxybis[1-chloropropane]	ND		50	23	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2,4,5-Trichlorophenol	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2,4,6-Trichlorophenol	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2,4-Dichlorophenol	ND		50	23	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2,4-Dimethylphenol	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2,4-Dinitrophenol	ND		1200	490	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2,4-Dinitrotoluene	ND		190	39	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2,6-Dinitrotoluene	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2-Chloronaphthalene	ND		39	16	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2-Chlorophenol	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2-Methylnaphthalene	**27**		19	5.8	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2-Methylphenol	ND		58	23	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2-Nitroaniline	ND		58	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
2-Nitrophenol	ND		58	23	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
3,3'-Dichlorobenzidine	ND		390	190	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
3-Nitroaniline	ND		190	39	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
4,6-Dinitro-2-methylphenol	ND		580	190	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
4-Bromophenyl phenyl ether	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
4-Chloro-3-methylphenol	ND		58	23	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1

Client Sample ID: SB-106_4-5

Date Collected: 10/14/24 11:50
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-7

Matrix: Solid
Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	ND		190	39	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
4-Chlorophenyl phenyl ether	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
4-Methylphenol	ND		58	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
4-Nitroaniline	ND		190	39	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
4-Nitrophenol	ND	cn	580	190	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Acenaphthene	**38**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Acenaphthylene	**57**		19	4.7	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Acetophenone	ND		58	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Anthracene	**110**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Atrazine	ND		190	78	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Benzaldehyde	ND		190	39	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Benzo[a]anthracene	**320**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Benzo[a]pyrene	**370**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Benzo[b]fluoranthene	**430**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Benzo[g,h,i]perylene	**280**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Benzo[k]fluoranthene	**170**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Bis(2-chloroethoxy)methane	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Bis(2-chloroethyl)ether	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Bis(2-ethylhexyl) phthalate	ND		190	78	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Butyl benzyl phthalate	ND		190	78	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Caprolactam	ND		190	39	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Carbazole	**54**		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Chrysene	**380**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Di-n-butyl phthalate	ND		190	78	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Di-n-octyl phthalate	ND		190	78	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Dibenz(a,h)anthracene	**83**		19	7.8	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Dibenzofuran	**42**	**J**	43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Diethyl phthalate	ND		190	78	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Dimethyl phthalate	ND		190	78	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Fluoranthene	**660**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Fluorene	**45**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Hexachlorobenzene	ND		39	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Hexachlorobutadiene	ND		58	23	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Hexachlorocyclopentadiene	ND		580	190	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Hexachloroethane	ND		190	39	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Indeno[1,2,3-cd]pyrene	**230**		19	4.7	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Isophorone	ND		78	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
N-Nitrosodi-n-propylamine	ND		78	39	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
N-Nitrosodiphenylamine	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Naphthalene	**44**		19	7.8	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Nitrobenzene	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Pentachlorophenol	ND		190	78	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Phenanthrene	**410**		19	4.7	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Phenol	ND		43	19	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1
Pyrene	**590**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 04:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*480*	*T J B*	*ug/Kg*	☼	*1.36*	*N/A*	*10/25/24 11:30*	*11/12/24 04:47*	*1*
Unknown	*2000*	*T J B*	*ug/Kg*	☼	*3.70*	*N/A*	*10/25/24 11:30*	*11/12/24 04:47*	*1*
Unknown	*230*	*T J B*	*ug/Kg*	☼	*4.50*	*N/A*	*10/25/24 11:30*	*11/12/24 04:47*	*1*

Client Sample ID: SB-106_4-5

Lab Sample ID: 410-192708-7
Date Collected: 10/14/24 11:50
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 84.7

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	180	T J	ug/Kg	☼	4.77	N/A	10/25/24 11:30	11/12/24 04:47	1
Unknown	360	T J	ug/Kg	☼	10.20	N/A	10/25/24 11:30	11/12/24 04:47	1
Perylene	310	T J N	ug/Kg	☼	13.51	198-55-0	10/25/24 11:30	11/12/24 04:47	1
Unknown	160	T J	ug/Kg	☼	13.70	N/A	10/25/24 11:30	11/12/24 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	88		29 - 120	10/25/24 11:30	11/12/24 04:47	1
2-Fluorophenol (Surr)	80		18 - 120	10/25/24 11:30	11/12/24 04:47	1
Nitrobenzene-d5 (Surr)	76		22 - 120	10/25/24 11:30	11/12/24 04:47	1
p-Terphenyl-d14 (Surr)	94		36 - 123	10/25/24 11:30	11/12/24 04:47	1
2,4,6-Tribromophenol (Surr)	94		13 - 127	10/25/24 11:30	11/12/24 04:47	1
Phenol-d5 (Surr)	84		20 - 120	10/25/24 11:30	11/12/24 04:47	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		23	11	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Antimony	**0.81**		0.23	0.093	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Arsenic	**17**		0.46	0.15	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Barium	**27**		0.46	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Beryllium	**1.6**		0.12	0.028	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Cadmium	**0.52**		0.12	0.046	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Chromium	**220**		2.3	1.1	mg/Kg	☼	10/22/24 21:30	11/08/24 13:38	10
Cobalt	**5.6**		0.23	0.093	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Copper	**4.1**		0.46	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Lead	**33**		0.23	0.088	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Manganese	**200**		0.46	0.23	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Nickel	**20**		0.46	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Silver	ND		0.12	0.047	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Thallium	ND		0.12	0.045	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2
Zinc	**120**		35	4.6	mg/Kg	☼	10/22/24 21:30	11/08/24 13:36	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.23**		0.070	0.023	mg/Kg	☼	10/29/24 23:20	11/04/24 08:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.60	0.21	mg/Kg	☼	10/25/24 16:15	10/25/24 20:58	1
Percent Moisture (EPA Moisture)	**15.3**		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: SB-103_0-1

Lab Sample ID: 410-192708-8
Date Collected: 10/14/24 13:30
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2,2'-oxybis[1-chloropropane]	ND	cn	250	110	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2,4,5-Trichlorophenol	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2,4,6-Trichlorophenol	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5

Client Sample ID: SB-103_0-1

Date Collected: 10/14/24 13:30
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-8

Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND	cn	250	110	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2,4-Dimethylphenol	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2,4-Dinitrophenol	ND	cn	5700	2400	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2,4-Dinitrotoluene	ND	cn	950	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2,6-Dinitrotoluene	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2-Chloronaphthalene	ND	cn	190	76	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2-Chlorophenol	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2-Methylnaphthalene	**280**	**cn**	95	29	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2-Methylphenol	ND	cn	290	110	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2-Nitroaniline	ND	cn	290	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
2-Nitrophenol	ND	cn	290	110	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
3,3'-Dichlorobenzidine	ND	cn	1900	960	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
3-Nitroaniline	ND	cn	950	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
4,6-Dinitro-2-methylphenol	ND	cn	2900	950	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
4-Bromophenyl phenyl ether	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
4-Chloro-3-methylphenol	ND	cn	290	110	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
4-Chloroaniline	ND	cn	950	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
4-Chlorophenyl phenyl ether	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
4-Methylphenol	ND	cn	290	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
4-Nitroaniline	ND	cn	950	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
4-Nitrophenol	ND	cn	2900	950	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Acenaphthene	**500**	**cn**	95	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Acenaphthylene	**180**	**cn**	95	23	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Acetophenone	ND	cn	290	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Anthracene	**1800**	**cn**	95	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Atrazine	ND	cn	950	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Benzaldehyde	ND	cn	950	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Benzo[a]anthracene	**4700**	**cn**	95	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Benzo[a]pyrene	**4400**	**cn**	95	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Benzo[b]fluoranthene	**4800**	**cn**	95	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Benzo[g,h,i]perylene	**2400**	**cn**	95	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Benzo[k]fluoranthene	**1800**	**cn**	95	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Bis(2-chloroethoxy)methane	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Bis(2-chloroethyl)ether	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Bis(2-ethylhexyl) phthalate	ND	cn	950	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Butyl benzyl phthalate	ND	cn	950	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Caprolactam	ND	cn	950	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Carbazole	**620**	**cn**	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Chrysene	**5300**	**cn**	95	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Di-n-butyl phthalate	ND	cn	950	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Di-n-octyl phthalate	ND	cn	950	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Dibenz(a,h)anthracene	**690**	**cn**	95	38	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Dibenzofuran	**370**	**cn**	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Diethyl phthalate	ND	cn	950	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Dimethyl phthalate	ND	cn	950	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Fluoranthene	**11000**	**cn**	95	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Fluorene	**670**	**cn**	95	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Hexachlorobenzene	ND	cn	190	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Hexachlorobutadiene	ND	cn	290	110	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5

Client Sample ID: SB-103_0-1

Date Collected: 10/14/24 13:30
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-8

Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND	cn	2900	950	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Hexachloroethane	ND	cn	950	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Indeno[1,2,3-cd]pyrene	**2200**	**cn**	95	23	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Isophorone	ND	cn	380	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
N-Nitrosodi-n-propylamine	ND	cn	380	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
N-Nitrosodiphenylamine	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Naphthalene	**320**	**cn**	95	38	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Nitrobenzene	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Pentachlorophenol	ND	cn	950	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Phenanthrene	**9000**	**cn**	95	23	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Phenol	ND	cn	210	95	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5
Pyrene	**11000**	**cn**	95	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:08	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1400*	*T J B cn*	*ug/Kg*	☼	*3.68*	*N/A*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Anthracene, 2-methyl-	*1600*	*T J N cn*	*ug/Kg*	☼	*10.10*	*613-12-7*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Phenanthrene, 2-methyl-	*1900*	*T J N cn*	*ug/Kg*	☼	*10.13*	*2531-84-2*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Anthracene, 9-methyl-	*2600*	*T J N cn*	*ug/Kg*	☼	*10.20*	*779-02-2*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
1H-Cyclopropa[l]phenanthrene,1a,9b -dihydro-	*1400*	*T J N cn*	*ug/Kg*	☼	*10.23*	*949-41-7*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
2-Phenylnaphthalene	*2100*	*T J N cn*	*ug/Kg*	☼	*10.39*	*35465-71-5*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Phenanthrene, 2,5-dimethyl-	*1400*	*T J N cn*	*ug/Kg*	☼	*10.63*	*3674-66-6*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Phenanthrene, 3,6-dimethyl-	*1800*	*T J N cn*	*ug/Kg*	☼	*10.68*	*1576-67-6*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Cyclic octaatomic sulfur	*1700*	*T J N cn*	*ug/Kg*	☼	*10.81*	*10544-50-0*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Pyrene, 1-methyl-	*1500*	*T J N cn*	*ug/Kg*	☼	*11.21*	*2381-21-7*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Fluoranthene, 2-methyl-	*1100*	*T J N cn*	*ug/Kg*	☼	*11.29*	*33543-31-6*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
11H-Benzo[a]fluorene	*1300*	*T J N cn*	*ug/Kg*	☼	*11.31*	*238-84-6*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Pyrene, 2-methyl-	*2000*	*T J N cn*	*ug/Kg*	☼	*11.41*	*3442-78-2*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Unknown	*1200*	*T J cn*	*ug/Kg*	☼	*11.71*	*N/A*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
7H-Benz[de]anthracen-7-one	*1900*	*T J N cn*	*ug/Kg*	☼	*11.80*	*82-05-3*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Unknown	*1500*	*T J cn*	*ug/Kg*	☼	*11.91*	*N/A*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Unknown	*2000*	*T J cn*	*ug/Kg*	☼	*11.94*	*N/A*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Unknown	*1200*	*T J cn*	*ug/Kg*	☼	*12.01*	*N/A*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
11H-Benzo[a]carbazole	*1200*	*T J N cn*	*ug/Kg*	☼	*12.42*	*239-01-0*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Triphenylene, 2-methyl-	*1500*	*T J N cn*	*ug/Kg*	☼	*12.58*	*1705-84-6*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Benzo[j]fluoranthene	*1300*	*T J N cn*	*ug/Kg*	☼	*13.34*	*205-82-3*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Benzo[e]pyrene	*3200*	*T J N cn*	*ug/Kg*	☼	*13.51*	*192-97-2*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Perylene	*1500*	*T J N cn*	*ug/Kg*	☼	*13.65*	*198-55-0*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
N-[4-Amino-3-nitrophenyl]-N-nitroso-4-chlorobenzylamine	*1100*	*T J N cn*	*ug/Kg*	☼	*14.56*	*1000213-60-7*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
di(p-Nitrophenyl) sulfide	*1100*	*T J N cn*	*ug/Kg*	☼	*15.10*	*1223-31-0*	*10/25/24 11:30*	*11/12/24 05:08*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*	*cn*	*29 - 120*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
2-Fluorophenol (Surr)	*75*	*cn*	*18 - 120*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Nitrobenzene-d5 (Surr)	*74*	*cn*	*22 - 120*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
p-Terphenyl-d14 (Surr)	*83*	*cn*	*36 - 123*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
2,4,6-Tribromophenol (Surr)	*82*	*cn*	*13 - 127*	*10/25/24 11:30*	*11/12/24 05:08*	*5*
Phenol-d5 (Surr)	*75*	*cn*	*20 - 120*	*10/25/24 11:30*	*11/12/24 05:08*	*5*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-103_0-1

Lab Sample ID: 410-192708-8
Date Collected: 10/14/24 13:30
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 86.5

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6700		20	9.7	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2
Antimony	0.38		0.20	0.078	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2
Arsenic	9.8		0.39	0.13	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2
Barium	38		0.39	0.18	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2
Beryllium	0.93		0.098	0.023	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2
Cadmium	0.25		0.098	0.039	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2
Chromium	160		0.39	0.19	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2
Cobalt	19		0.20	0.078	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2
Copper	20		0.39	0.18	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2
Lead	93		0.20	0.074	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2
Manganese	200		0.39	0.20	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2
Nickel	340		2.0	0.93	mg/Kg	☼	10/22/24 21:30	11/08/24 13:43	10
Silver	ND		0.098	0.040	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2
Thallium	0.052	J	0.098	0.038	mg/Kg	☼	10/22/24 21:30	11/18/24 10:56	2
Zinc	84		29	3.9	mg/Kg	☼	10/22/24 21:30	11/08/24 13:41	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.065	0.022	mg/Kg	☼	10/29/24 23:20	11/04/24 09:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.56	0.20	mg/Kg	☼	10/25/24 16:15	10/25/24 20:58	1
Percent Moisture (EPA Moisture)	13.5		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: SB-103_4-5

Lab Sample ID: 410-192708-9
Date Collected: 10/14/24 13:35
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
1,1,2-Trichloroethane	ND		5.7	0.80	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
1,1-Dichloroethane	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
1,1-Dichloroethene	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
1,2,4-Trichlorobenzene	ND		11	5.7	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
1,2-Dibromo-3-Chloropropane	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
1,2-Dibromoethane	ND		5.7	0.80	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
1,2-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
1,2-Dichloroethane	ND		5.7	0.68	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
1,2-Dichloropropane	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
1,3-Dichlorobenzene	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
2-Butanone	ND		11	2.3	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
2-Hexanone	ND		11	2.8	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
4-Methyl-2-pentanone	ND		11	2.3	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Acetone	20	J	23	6.8	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Benzene	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Bromodichloromethane	ND		5.7	0.80	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1

Client Sample ID: SB-103_4-5

Date Collected: 10/14/24 13:35
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-9

Matrix: Solid
Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		11	5.7	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Bromomethane	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Carbon disulfide	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Carbon tetrachloride	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Chloroethane	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Chloroform	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Chloromethane	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
cis-1,2-Dichloroethene	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
cis-1,3-Dichloropropene	ND		5.7	0.68	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Cyclohexane	ND		5.7	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Dibromochloromethane	ND		5.7	0.57	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Dichlorodifluoromethane	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Ethylbenzene	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Freon 113	ND		11	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Isopropylbenzene	ND		5.7	1.7	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Methyl acetate	**1.4**	**J**	5.7	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Methyl tertiary butyl ether	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Methylcyclohexane	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Methylene Chloride	ND		5.7	2.3	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Styrene	ND		5.7	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Tetrachloroethene	ND		5.7	1.7	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Toluene	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
trans-1,2-Dichloroethene	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
trans-1,3-Dichloropropene	ND		5.7	0.68	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Trichloroethene	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Trichlorofluoromethane	ND		5.7	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Vinyl chloride	ND		5.7	0.91	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1
Xylenes, Total	ND		11	0.80	ug/Kg	☼	10/19/24 10:59	10/22/24 17:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/19/24 10:59*	*10/22/24 17:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*10/19/24 10:59*	*10/22/24 17:49*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*10/19/24 10:59*	*10/22/24 17:49*	*1*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*10/19/24 10:59*	*10/22/24 17:49*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*10/19/24 10:59*	*10/22/24 17:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2,2'-oxybis[1-chloropropane]	ND	cn	250	120	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2,4,5-Trichlorophenol	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2,4,6-Trichlorophenol	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2,4-Dichlorophenol	ND	cn	250	120	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2,4-Dimethylphenol	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2,4-Dinitrophenol	ND	cn	5800	2400	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2,4-Dinitrotoluene	ND	cn	970	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2,6-Dinitrotoluene	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5

Client Sample ID: SB-103_4-5

Date Collected: 10/14/24 13:35
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-9

Matrix: Solid
Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND	cn	190	77	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2-Chlorophenol	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2-Methylnaphthalene	**120**	**cn**	97	29	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2-Methylphenol	ND	cn	290	120	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2-Nitroaniline	ND	cn	290	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
2-Nitrophenol	ND	cn	290	120	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
3,3'-Dichlorobenzidine	ND	cn	1900	970	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
3-Nitroaniline	ND	cn	970	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
4,6-Dinitro-2-methylphenol	ND	cn	2900	970	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
4-Bromophenyl phenyl ether	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
4-Chloro-3-methylphenol	ND	cn	290	120	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
4-Chloroaniline	ND	cn	970	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
4-Chlorophenyl phenyl ether	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
4-Methylphenol	ND	cn	290	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
4-Nitroaniline	ND	cn	970	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
4-Nitrophenol	ND	cn	2900	970	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Acenaphthene	**49**	**J cn**	97	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Acenaphthylene	**110**	**cn**	97	23	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Acetophenone	ND	cn	290	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Anthracene	**170**	**cn**	97	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Atrazine	ND	cn	970	390	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Benzaldehyde	ND	cn	970	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Benzo[a]anthracene	**710**	**cn**	97	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Benzo[a]pyrene	**750**	**cn**	97	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Benzo[b]fluoranthene	**910**	**cn**	97	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Benzo[g,h,i]perylene	**400**	**cn**	97	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Benzo[k]fluoranthene	**330**	**cn**	97	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Bis(2-chloroethoxy)methane	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Bis(2-chloroethyl)ether	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Bis(2-ethylhexyl) phthalate	ND	cn	970	390	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Butyl benzyl phthalate	ND	cn	970	390	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Caprolactam	ND	cn	970	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Carbazole	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Chrysene	**760**	**cn**	97	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Di-n-butyl phthalate	ND	cn	970	390	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Di-n-octyl phthalate	ND	cn	970	390	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Dibenz(a,h)anthracene	**130**	**cn**	97	39	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Dibenzofuran	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Diethyl phthalate	ND	cn	970	390	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Dimethyl phthalate	ND	cn	970	390	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Fluoranthene	**1200**	**cn**	97	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Fluorene	**47**	**J cn**	97	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Hexachlorobenzene	ND	cn	190	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Hexachlorobutadiene	ND	cn	290	120	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Hexachlorocyclopentadiene	ND	cn	2900	970	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Hexachloroethane	ND	cn	970	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Indeno[1,2,3-cd]pyrene	**360**	**cn**	97	23	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Isophorone	ND	cn	390	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
N-Nitrosodi-n-propylamine	ND	cn	390	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5

Client Sample ID: SB-103_4-5

Date Collected: 10/14/24 13:35
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-9

Matrix: Solid
Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Naphthalene	**74**	**J cn**	97	39	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Nitrobenzene	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Pentachlorophenol	ND	cn	970	390	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Phenanthrene	**520**	**cn**	97	23	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Phenol	ND	cn	210	97	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5
Pyrene	**1100**	**cn**	97	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:30	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1000*	*T J B cn*	*ug/Kg*	☼	*3.68*	*N/A*	*10/25/24 11:30*	*11/12/24 05:30*	*5*
Unknown	*1100*	*T J cn*	*ug/Kg*	☼	*14.47*	*N/A*	*10/25/24 11:30*	*11/12/24 05:30*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*71*	*cn*	*29 - 120*	*10/25/24 11:30*	*11/12/24 05:30*	*5*
2-Fluorophenol (Surr)	*61*	*cn*	*18 - 120*	*10/25/24 11:30*	*11/12/24 05:30*	*5*
Nitrobenzene-d5 (Surr)	*67*	*cn*	*22 - 120*	*10/25/24 11:30*	*11/12/24 05:30*	*5*
p-Terphenyl-d14 (Surr)	*78*	*cn*	*36 - 123*	*10/25/24 11:30*	*11/12/24 05:30*	*5*
2,4,6-Tribromophenol (Surr)	*75*	*cn*	*13 - 127*	*10/25/24 11:30*	*11/12/24 05:30*	*5*
Phenol-d5 (Surr)	*63*	*cn*	*20 - 120*	*10/25/24 11:30*	*11/12/24 05:30*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5000**		23	11	mg/Kg	☼	10/22/24 21:30	11/08/24 13:55	2
Antimony	**0.65**		0.23	0.092	mg/Kg	☼	10/22/24 21:30	11/08/24 13:55	2
Arsenic	**8.1**		0.46	0.15	mg/Kg	☼	10/22/24 21:30	11/08/24 13:55	2
Barium	**68**		0.46	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 13:55	2
Beryllium	**0.64**		0.12	0.028	mg/Kg	☼	10/22/24 21:30	11/08/24 13:55	2
Cadmium	**0.51**		0.12	0.046	mg/Kg	☼	10/22/24 21:30	11/08/24 13:55	2
Chromium	**70**		0.46	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 13:55	2
Cobalt	**2.9**		0.23	0.092	mg/Kg	☼	10/22/24 21:30	11/08/24 13:55	2
Copper	**19**		0.46	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 13:55	2
Lead	**980**		1.2	0.44	mg/Kg	☼	10/22/24 21:30	11/08/24 13:57	10
Manganese	**170**		0.46	0.23	mg/Kg	☼	10/22/24 21:30	11/08/24 13:55	2
Nickel	**8.0**		0.46	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 13:55	2
Silver	**0.062**	**J**	0.12	0.047	mg/Kg	☼	10/22/24 21:30	11/08/24 13:55	2
Thallium	ND		0.12	0.045	mg/Kg	☼	10/22/24 21:30	11/18/24 11:00	2
Zinc	**350**		170	23	mg/Kg	☼	10/22/24 21:30	11/08/24 13:57	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.32**		0.066	0.022	mg/Kg	☼	10/29/24 23:20	11/04/24 09:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.57	0.21	mg/Kg	☼	10/25/24 16:15	10/25/24 21:01	1
Percent Moisture (EPA Moisture)	**14.4**		1.0	1.0	%			10/18/24 22:27	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: FD-01_20241014

Date Collected: 10/14/24 13:40
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-10

Matrix: Solid
Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	320	45	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,1,2,2-Tetrachloroethane	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,1,2-Trichloroethane	ND	cn	320	32	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,1-Dichloroethane	ND	cn	320	32	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,1-Dichloroethene	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,1,1-Trichloroethane	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
1,2,4-Trichlorobenzene	ND	cn	650	320	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,1,2,2-Tetrachloroethane	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
1,2-Dibromo-3-Chloropropane	ND	cn	320	65	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,1,2-Trichloroethane	ND		4.8	0.67	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
1,2-Dibromoethane	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,1-Dichloroethane	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
1,2-Dichlorobenzene	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,1-Dichloroethene	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
1,2-Dichloroethane	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,2,4-Trichlorobenzene	ND		9.6	4.8	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
1,2-Dichloropropane	ND	cn	320	32	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,2-Dibromo-3-Chloropropane	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
1,3-Dichlorobenzene	ND	cn	320	32	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,2-Dibromoethane	ND		4.8	0.67	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
1,4-Dichlorobenzene	ND	cn	320	32	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,2-Dichlorobenzene	ND		4.8	0.86	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
2-Butanone	ND	cn	650	130	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,2-Dichloroethane	ND		4.8	0.57	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
2-Hexanone	ND	cn	650	97	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,2-Dichloropropane	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
4-Methyl-2-pentanone	ND	cn	650	97	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,3-Dichlorobenzene	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Acetone	ND	cn	1300	390	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
1,4-Dichlorobenzene	ND		4.8	0.86	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Benzene	ND	cn	320	32	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
2-Butanone	ND		9.6	1.9	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Bromodichloromethane	ND	cn	320	45	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
2-Hexanone	ND		9.6	2.4	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Bromoform	ND	*- cn	650	320	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
4-Methyl-2-pentanone	ND		9.6	1.9	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Bromomethane	ND	cn	320	100	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Acetone	**13**	**J**	19	5.7	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Carbon disulfide	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Benzene	**1.6**	**J**	4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Carbon tetrachloride	ND	*- cn	320	130	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Bromodichloromethane	ND		4.8	0.67	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Chlorobenzene	ND	cn	320	32	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Bromoform	ND		9.6	4.8	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Chloroethane	ND	cn	320	97	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Bromomethane	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Chloroform	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Carbon disulfide	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Chloromethane	ND	cn	320	58	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50

Client Sample ID: FD-01_20241014

Date Collected: 10/14/24 13:40
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-10

Matrix: Solid
Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
cis-1,2-Dichloroethene	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Chlorobenzene	ND		4.8	0.86	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
cis-1,3-Dichloropropene	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Chloroethane	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Cyclohexane	ND	cn	320	32	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Chloroform	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Dibromochloromethane	ND	cn	320	130	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Chloromethane	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Dichlorodifluoromethane	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
cis-1,2-Dichloroethene	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Ethylbenzene	ND	cn	320	26	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
cis-1,3-Dichloropropene	ND		4.8	0.57	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Freon 113	ND	cn	650	45	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Cyclohexane	ND		4.8	0.86	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Isopropylbenzene	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Dibromochloromethane	ND		4.8	0.48	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Methyl acetate	ND	cn	320	65	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Dichlorodifluoromethane	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Methyl tertiary butyl ether	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Ethylbenzene	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Methylcyclohexane	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Freon 113	ND		9.6	0.86	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Methylene Chloride	ND	cn	320	130	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Isopropylbenzene	ND		4.8	1.4	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Styrene	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Methyl acetate	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Tetrachloroethene	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Methyl tertiary butyl ether	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Toluene	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Methylcyclohexane	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
trans-1,2-Dichloroethene	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Methylene Chloride	ND		4.8	1.9	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
trans-1,3-Dichloropropene	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Styrene	ND		4.8	0.86	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Trichloroethene	ND	cn	320	39	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Tetrachloroethene	ND		4.8	1.4	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Trichlorofluoromethane	ND	cn	320	52	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
Toluene	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Vinyl chloride	ND	cn	320	52	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
trans-1,2-Dichloroethene	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Xylenes, Total	ND	cn	320	91	ug/Kg	☼	10/22/24 14:22	10/24/24 00:09	50
trans-1,3-Dichloropropene	ND		4.8	0.57	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Trichloroethene	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Trichlorofluoromethane	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Vinyl chloride	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1
Xylenes, Total	ND		9.6	0.67	ug/Kg	☼	10/19/24 10:59	10/23/24 18:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/19/24 10:59*	*10/23/24 18:56*	*1*

Client Sample ID: FD-01_20241014

Date Collected: 10/14/24 13:40
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-10

Matrix: Solid
Percent Solids: 87.4

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None	cn	ug/Kg	☼		N/A	10/22/24 14:22	10/24/24 00:09	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		54 - 135	10/19/24 10:59	10/23/24 18:56	1
Dibromofluoromethane (Surr)	103		50 - 141	10/19/24 10:59	10/23/24 18:56	1
4-Bromofluorobenzene (Surr)	90		50 - 131	10/19/24 10:59	10/23/24 18:56	1
Toluene-d8 (Surr)	99		52 - 141	10/19/24 10:59	10/23/24 18:56	1
1,2-Dichloroethane-d4 (Surr)	94	cn	54 - 135	10/22/24 14:22	10/24/24 00:09	50
4-Bromofluorobenzene (Surr)	100	cn	50 - 131	10/22/24 14:22	10/24/24 00:09	50
Dibromofluoromethane (Surr)	94	cn	50 - 141	10/22/24 14:22	10/24/24 00:09	50
Toluene-d8 (Surr)	98	cn	52 - 141	10/22/24 14:22	10/24/24 00:09	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2,2'-oxybis[1-chloropropane]	ND	cn	240	110	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2,4,5-Trichlorophenol	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2,4,6-Trichlorophenol	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2,4-Dichlorophenol	ND	cn	240	110	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2,4-Dimethylphenol	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2,4-Dinitrophenol	ND	cn	5600	2400	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2,4-Dinitrotoluene	ND	cn	940	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2,6-Dinitrotoluene	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2-Chloronaphthalene	ND	cn	190	75	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2-Chlorophenol	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2-Methylnaphthalene	**46**	**J cn**	94	28	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2-Methylphenol	ND	cn	280	110	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2-Nitroaniline	ND	cn	280	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
2-Nitrophenol	ND	cn	280	110	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
3,3'-Dichlorobenzidine	ND	cn	1900	940	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
3-Nitroaniline	ND	cn	940	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
4,6-Dinitro-2-methylphenol	ND	cn	2800	940	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
4-Bromophenyl phenyl ether	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
4-Chloro-3-methylphenol	ND	cn	280	110	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
4-Chloroaniline	ND	cn	940	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
4-Chlorophenyl phenyl ether	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
4-Methylphenol	ND	cn	280	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
4-Nitroaniline	ND	cn	940	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
4-Nitrophenol	ND	cn	2800	940	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Acenaphthene	**20**	**J cn**	94	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Acenaphthylene	**58**	**J cn**	94	23	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Acetophenone	ND	cn	280	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Anthracene	**73**	**J cn**	94	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Atrazine	ND	cn	940	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Benzaldehyde	ND	cn	940	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Benzo[a]anthracene	**210**	**cn**	94	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Benzo[a]pyrene	**250**	**cn**	94	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Benzo[b]fluoranthene	**260**	**cn**	94	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Benzo[g,h,i]perylene	**180**	**cn**	94	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5

Client Sample ID: FD-01_20241014

Date Collected: 10/14/24 13:40
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-10

Matrix: Solid
Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	**110**	**cn**	94	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Bis(2-chloroethoxy)methane	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Bis(2-chloroethyl)ether	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Bis(2-ethylhexyl) phthalate	ND	cn	940	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Butyl benzyl phthalate	ND	cn	940	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Caprolactam	ND	cn	940	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Carbazole	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Chrysene	**230**	**cn**	94	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Di-n-butyl phthalate	ND	cn	940	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Di-n-octyl phthalate	ND	cn	940	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Dibenz(a,h)anthracene	**52**	**J cn**	94	38	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Dibenzofuran	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Diethyl phthalate	ND	cn	940	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Dimethyl phthalate	ND	cn	940	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Fluoranthene	**390**	**cn**	94	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Fluorene	**28**	**J cn**	94	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Hexachlorobenzene	ND	cn	190	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Hexachlorobutadiene	ND	cn	280	110	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Hexachlorocyclopentadiene	ND	cn	2800	940	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Hexachloroethane	ND	cn	940	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Indeno[1,2,3-cd]pyrene	**140**	**cn**	94	23	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Isophorone	ND	cn	380	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
N-Nitrosodi-n-propylamine	ND	cn	380	190	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
N-Nitrosodiphenylamine	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Naphthalene	ND	cn	94	38	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Nitrobenzene	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Pentachlorophenol	ND	cn	940	380	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Phenanthrene	**230**	**cn**	94	23	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Phenol	ND	cn	210	94	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5
Pyrene	**370**	**cn**	94	19	ug/Kg	☼	10/25/24 11:30	11/12/24 05:51	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*870*	*T J B cn*	*ug/Kg*	☼	*3.68*	*N/A*	*10/25/24 11:30*	*11/12/24 05:51*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*	*cn*	*29 - 120*	*10/25/24 11:30*	*11/12/24 05:51*	*5*
2-Fluorophenol (Surr)	*72*	*cn*	*18 - 120*	*10/25/24 11:30*	*11/12/24 05:51*	*5*
Nitrobenzene-d5 (Surr)	*72*	*cn*	*22 - 120*	*10/25/24 11:30*	*11/12/24 05:51*	*5*
p-Terphenyl-d14 (Surr)	*82*	*cn*	*36 - 123*	*10/25/24 11:30*	*11/12/24 05:51*	*5*
2,4,6-Tribromophenol (Surr)	*86*	*cn*	*13 - 127*	*10/25/24 11:30*	*11/12/24 05:51*	*5*
Phenol-d5 (Surr)	*74*	*cn*	*20 - 120*	*10/25/24 11:30*	*11/12/24 05:51*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7300**		17	8.3	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Antimony	**0.48**		0.17	0.067	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Arsenic	**9.4**		0.33	0.11	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Barium	**41**		0.33	0.15	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Beryllium	**0.91**		0.084	0.020	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Cadmium	**0.22**		0.084	0.033	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2

Client Sample ID: FD-01_20241014

Lab Sample ID: 410-192708-10

Date Collected: 10/14/24 13:40
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 87.4

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	130		0.33	0.16	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Cobalt	13		0.17	0.067	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Copper	12		0.33	0.15	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Lead	230	^2	0.17	0.063	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Manganese	160		0.33	0.17	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Nickel	240		0.33	0.16	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Silver	0.041	J	0.084	0.034	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Thallium	0.039	J	0.084	0.033	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2
Zinc	110		25	3.3	mg/Kg	☼	11/15/24 20:00	11/22/24 13:16	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11	H cn	0.066	0.022	mg/Kg	☼	11/16/24 07:30	11/19/24 13:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.34	J	0.56	0.20	mg/Kg	☼	10/25/24 16:15	10/25/24 21:01	1
Percent Moisture (EPA Moisture)	12.6		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: TB-01_20241014

Lab Sample ID: 410-192708-11

Date Collected: 10/14/24 00:00
Matrix: Water
Date Received: 10/16/24 16:20

Method: SW846 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	0.30	ug/L			10/24/24 10:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/24/24 10:49	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/24/24 10:49	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/24/24 10:49	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/24/24 10:49	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			10/24/24 10:49	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			10/24/24 10:49	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			10/24/24 10:49	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			10/24/24 10:49	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/24/24 10:49	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/24/24 10:49	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			10/24/24 10:49	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			10/24/24 10:49	1
2-Butanone	ND	cn	10	0.50	ug/L			10/24/24 10:49	1
2-Hexanone	ND	cn	10	0.85	ug/L			10/24/24 10:49	1
4-Methyl-2-pentanone	ND	cn	10	0.50	ug/L			10/24/24 10:49	1
Acetone	ND		20	0.70	ug/L			10/24/24 10:49	1
Benzene	ND		1.0	0.30	ug/L			10/24/24 10:49	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/24/24 10:49	1
Bromoform	ND		4.0	1.0	ug/L			10/24/24 10:49	1
Bromomethane	ND		1.0	0.30	ug/L			10/24/24 10:49	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/24/24 10:49	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/24/24 10:49	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/24/24 10:49	1
Chloroethane	ND		1.0	0.30	ug/L			10/24/24 10:49	1

Client Sample ID: TB-01_20241014

Lab Sample ID: 410-192708-11

Date Collected: 10/14/24 00:00
Matrix: Water
Date Received: 10/16/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.30	ug/L			10/24/24 10:49	1
Chloromethane	ND		2.0	0.55	ug/L			10/24/24 10:49	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/24/24 10:49	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/24/24 10:49	1
Cyclohexane	ND		5.0	1.0	ug/L			10/24/24 10:49	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/24/24 10:49	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			10/24/24 10:49	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/24/24 10:49	1
Freon 113	ND		10	0.30	ug/L			10/24/24 10:49	1
Isopropylbenzene	ND		5.0	0.30	ug/L			10/24/24 10:49	1
Methyl acetate	ND	cn	5.0	0.30	ug/L			10/24/24 10:49	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			10/24/24 10:49	1
Methylcyclohexane	ND		5.0	0.50	ug/L			10/24/24 10:49	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/24/24 10:49	1
Styrene	ND		5.0	0.30	ug/L			10/24/24 10:49	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/24/24 10:49	1
Toluene	ND		1.0	0.30	ug/L			10/24/24 10:49	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/24/24 10:49	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/24/24 10:49	1
Trichloroethene	ND		1.0	0.30	ug/L			10/24/24 10:49	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			10/24/24 10:49	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/24/24 10:49	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/24/24 10:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/24/24 10:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*10/24/24 10:49*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/24/24 10:49*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/24/24 10:49*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/24/24 10:49*	*1*

Client Sample ID: SB-102_0-1

Lab Sample ID: 410-192708-12

Date Collected: 10/14/24 14:20
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**5.8**	**J**	19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Acenaphthylene	**24**		19	4.7	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Anthracene	**23**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Benzo[a]anthracene	**55**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Benzo[a]pyrene	**65**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Benzo[b]fluoranthene	**69**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Benzo[g,h,i]perylene	**52**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Benzo[k]fluoranthene	**25**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Chrysene	**71**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Dibenz(a,h)anthracene	**12**	**J**	19	7.8	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Fluoranthene	**110**		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1

Client Sample ID: SB-102_0-1

Lab Sample ID: 410-192708-12

Date Collected: 10/14/24 14:20
Date Received: 10/16/24 16:20

Matrix: Solid
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	11	J	19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Indeno[1,2,3-cd]pyrene	37		19	4.7	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Naphthalene	22		19	7.8	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Phenanthrene	85		19	4.7	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1
Pyrene	140		19	3.9	ug/Kg	☼	10/25/24 11:30	11/12/24 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*29 - 120*	*10/25/24 11:30*	*11/12/24 06:12*	*1*
Nitrobenzene-d5 (Surr)	*79*		*22 - 120*	*10/25/24 11:30*	*11/12/24 06:12*	*1*
p-Terphenyl-d14 (Surr)	*94*		*36 - 123*	*10/25/24 11:30*	*11/12/24 06:12*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9700		22	11	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Antimony	0.79		0.22	0.086	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Arsenic	15		0.43	0.14	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Barium	9.8		0.43	0.20	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Beryllium	1.9		0.11	0.026	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Cadmium	0.65		0.11	0.043	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Chromium	180		0.43	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Cobalt	4.9		0.22	0.086	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Copper	1.7		0.43	0.19	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Lead	11		0.22	0.082	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Manganese	210		0.43	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Nickel	21		0.43	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Silver	ND		0.11	0.044	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Thallium	ND		0.11	0.042	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2
Zinc	120		32	4.3	mg/Kg	☼	10/22/24 21:30	11/08/24 14:03	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.070	0.023	mg/Kg	☼	10/29/24 23:20	11/04/24 09:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.54	0.19	mg/Kg	☼	10/25/24 16:15	10/25/24 21:01	1
Percent Moisture (EPA Moisture)	15.1		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: SB-102_4-5

Lab Sample ID: 410-192708-13

Date Collected: 10/14/24 14:25
Date Received: 10/16/24 16:20

Matrix: Solid
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		20	4.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Acenaphthylene	ND		20	4.9	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Anthracene	ND		20	4.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Benzo[a]anthracene	5.5	J	20	4.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Benzo[a]pyrene	5.9	J	20	4.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Benzo[b]fluoranthene	5.6	J	20	4.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Benzo[g,h,i]perylene	4.2	J	20	4.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1

Client Sample ID: SB-102_4-5

Lab Sample ID: 410-192708-13
Date Collected: 10/14/24 14:25
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		20	4.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Chrysene	**6.5**	**J**	20	4.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Dibenz(a,h)anthracene	ND		20	8.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Fluoranthene	**14**	**J**	20	4.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Fluorene	**4.2**	**J**	20	4.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Indeno[1,2,3-cd]pyrene	ND		20	4.9	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Naphthalene	**42**		20	8.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Phenanthrene	**24**		20	4.9	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1
Pyrene	**17**	**J**	20	4.1	ug/Kg	☼	10/25/24 11:30	11/13/24 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*29 - 120*	*10/25/24 11:30*	*11/13/24 04:21*	*1*
Nitrobenzene-d5 (Surr)	*77*		*22 - 120*	*10/25/24 11:30*	*11/13/24 04:21*	*1*
p-Terphenyl-d14 (Surr)	*93*		*36 - 123*	*10/25/24 11:30*	*11/13/24 04:21*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		23	11	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Antimony	**0.77**		0.23	0.092	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Arsenic	**15**		0.46	0.15	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Barium	**12**		0.46	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Beryllium	**2.2**		0.11	0.027	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Cadmium	**0.69**		0.11	0.046	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Chromium	**190**		0.46	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Cobalt	**6.1**		0.23	0.092	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Copper	**1.1**		0.46	0.21	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Lead	**8.5**		0.23	0.087	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Manganese	**290**		0.46	0.23	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Nickel	**21**		0.46	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Silver	ND		0.11	0.047	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Thallium	ND		0.11	0.045	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2
Zinc	**130**		34	4.6	mg/Kg	☼	10/22/24 21:30	11/08/24 13:22	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.069	0.023	mg/Kg	☼	10/29/24 23:20	11/04/24 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.57	0.21	mg/Kg	☼	10/25/24 16:15	10/25/24 21:06	1
Percent Moisture (EPA Moisture)	**18.6**		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: SB-100_0-1

Lab Sample ID: 410-192708-14
Date Collected: 10/14/24 15:20
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2,2'-oxybis[1-chloropropane]	ND	cn	260	120	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2,4,5-Trichlorophenol	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5

Client Sample ID: SB-100_0-1

Date Collected: 10/14/24 15:20
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-14

Matrix: Solid
Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2,4-Dichlorophenol	ND	cn	260	120	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2,4-Dimethylphenol	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2,4-Dinitrophenol	ND	cn	5900	2500	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2,4-Dinitrotoluene	ND	cn	990	200	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2,6-Dinitrotoluene	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2-Chloronaphthalene	ND	cn	200	79	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2-Chlorophenol	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2-Methylnaphthalene	ND	cn	99	30	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2-Methylphenol	ND	cn	300	120	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2-Nitroaniline	ND	cn	300	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
2-Nitrophenol	ND	cn	300	120	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
3,3'-Dichlorobenzidine	ND	cn	2000	990	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
3-Nitroaniline	ND	cn	990	200	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
4,6-Dinitro-2-methylphenol	ND	cn	3000	990	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
4-Bromophenyl phenyl ether	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
4-Chloro-3-methylphenol	ND	cn	300	120	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
4-Chloroaniline	ND	cn	990	200	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
4-Chlorophenyl phenyl ether	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
4-Methylphenol	ND	cn	300	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
4-Nitroaniline	ND	cn	990	200	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
4-Nitrophenol	ND	cn	3000	990	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Acenaphthene	**26**	**J cn**	99	20	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Acenaphthylene	ND	cn	99	24	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Acetophenone	ND	cn	300	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Anthracene	**67**	**J cn**	99	20	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Atrazine	ND	cn	990	400	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Benzaldehyde	ND	cn	990	200	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Benzo[a]anthracene	**150**	**cn**	99	20	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Benzo[a]pyrene	**160**	**cn**	99	20	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Benzo[b]fluoranthene	**180**	**cn**	99	20	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Benzo[g,h,i]perylene	**100**	**cn**	99	20	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Benzo[k]fluoranthene	**85**	**J cn**	99	20	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Bis(2-chloroethoxy)methane	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Bis(2-chloroethyl)ether	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Bis(2-ethylhexyl) phthalate	ND	cn	990	400	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Butyl benzyl phthalate	ND	cn	990	400	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Caprolactam	ND	cn	990	200	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Carbazole	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Chrysene	**170**	**cn**	99	20	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Di-n-butyl phthalate	ND	cn	990	400	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Di-n-octyl phthalate	ND	cn	990	400	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Dibenz(a,h)anthracene	ND	cn	99	40	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Dibenzofuran	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Diethyl phthalate	ND	cn	990	400	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Dimethyl phthalate	ND	cn	990	400	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Fluoranthene	**330**	**cn**	99	20	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Fluorene	**37**	**J cn**	99	20	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Hexachlorobenzene	ND	cn	200	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5

Client Sample ID: SB-100_0-1

Date Collected: 10/14/24 15:20
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-14

Matrix: Solid
Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND	cn	300	120	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Hexachlorocyclopentadiene	ND	cn	3000	990	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Hexachloroethane	ND	cn	990	200	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Indeno[1,2,3-cd]pyrene	**92**	**J cn**	99	24	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Isophorone	ND	cn	400	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
N-Nitrosodi-n-propylamine	ND	cn	400	200	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
N-Nitrosodiphenylamine	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Naphthalene	ND	cn	99	40	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Nitrobenzene	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Pentachlorophenol	ND	cn	990	400	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Phenanthrene	**250**	**cn**	99	24	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Phenol	ND	cn	220	99	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5
Pyrene	**270**	**cn**	99	20	ug/Kg	☼	10/25/24 11:30	11/12/24 06:55	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1500*	*T J B cn*	*ug/Kg*	☼	*3.68*	*N/A*	*10/25/24 11:30*	*11/12/24 06:55*	*5*
Cyclic octaatomic sulfur	*1500*	*T J N cn*	*ug/Kg*	☼	*10.81*	*10544-50-0*	*10/25/24 11:30*	*11/12/24 06:55*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*	*cn*	*29 - 120*	*10/25/24 11:30*	*11/12/24 06:55*	*5*
2-Fluorophenol (Surr)	*76*	*cn*	*18 - 120*	*10/25/24 11:30*	*11/12/24 06:55*	*5*
Nitrobenzene-d5 (Surr)	*78*	*cn*	*22 - 120*	*10/25/24 11:30*	*11/12/24 06:55*	*5*
p-Terphenyl-d14 (Surr)	*86*	*cn*	*36 - 123*	*10/25/24 11:30*	*11/12/24 06:55*	*5*
2,4,6-Tribromophenol (Surr)	*83*	*cn*	*13 - 127*	*10/25/24 11:30*	*11/12/24 06:55*	*5*
Phenol-d5 (Surr)	*78*	*cn*	*20 - 120*	*10/25/24 11:30*	*11/12/24 06:55*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6700**		20	9.9	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Antimony	**0.48**		0.20	0.080	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Arsenic	**14**		0.40	0.13	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Barium	**14**		0.40	0.18	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Beryllium	**1.1**		0.10	0.024	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Cadmium	**0.16**		0.10	0.040	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Chromium	**130**		0.40	0.19	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Cobalt	**4.5**		0.20	0.080	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Copper	**4.3**		0.40	0.18	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Lead	**12**		0.20	0.076	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Manganese	**48**		0.40	0.20	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Nickel	**17**		0.40	0.19	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Silver	ND		0.10	0.041	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Thallium	ND		0.10	0.039	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2
Zinc	**59**		30	4.0	mg/Kg	☼	10/22/24 21:30	11/08/24 14:21	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.041**	**J**	0.068	0.023	mg/Kg	☼	10/29/24 23:20	11/04/24 09:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.59	0.21	mg/Kg	☼	10/25/24 16:15	10/25/24 21:09	1

Client Sample ID: SB-100_0-1

Lab Sample ID: 410-192708-14
Date Collected: 10/14/24 15:20
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 83.9

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.1		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: SB-100_4-5

Lab Sample ID: 410-192708-15
Date Collected: 10/14/24 15:30
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
1,1,2-Trichloroethane	ND		5.6	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
1,1-Dichloroethane	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
1,1-Dichloroethene	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
1,2,4-Trichlorobenzene	ND		11	5.6	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
1,2-Dibromo-3-Chloropropane	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
1,2-Dibromoethane	ND		5.6	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
1,2-Dichlorobenzene	ND		5.6	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
1,2-Dichloroethane	ND		5.6	0.67	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
1,2-Dichloropropane	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
1,3-Dichlorobenzene	ND		5.6	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
1,4-Dichlorobenzene	ND		5.6	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
2-Butanone	ND		11	2.2	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
2-Hexanone	ND		11	2.8	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
4-Methyl-2-pentanone	ND		11	2.2	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Acetone	19	J	22	6.7	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Benzene	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Bromodichloromethane	ND		5.6	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Bromoform	ND		11	5.6	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Bromomethane	ND		5.6	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Carbon disulfide	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Carbon tetrachloride	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Chlorobenzene	ND		5.6	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Chloroethane	ND		5.6	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Chloroform	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Chloromethane	ND		5.6	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
cis-1,2-Dichloroethene	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
cis-1,3-Dichloropropene	ND		5.6	0.67	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Cyclohexane	ND		5.6	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Dibromochloromethane	ND		5.6	0.56	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Dichlorodifluoromethane	ND		5.6	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Ethylbenzene	ND		5.6	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Freon 113	ND		11	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Isopropylbenzene	ND		5.6	1.7	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Methyl acetate	ND		5.6	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Methyl tertiary butyl ether	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Methylcyclohexane	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Methylene Chloride	ND		5.6	2.2	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Styrene	ND		5.6	1.0	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Tetrachloroethene	ND		5.6	1.7	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Toluene	ND		5.6	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1

Client Sample ID: SB-100_4-5

Date Collected: 10/14/24 15:30
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-15

Matrix: Solid
Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
trans-1,3-Dichloropropene	ND		5.6	0.67	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Trichloroethene	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Trichlorofluoromethane	ND		5.6	1.1	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Vinyl chloride	ND		5.6	0.90	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1
Xylenes, Total	ND		11	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 14:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/19/24 10:59*	*10/22/24 14:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*	*10/19/24 10:59*	*10/22/24 14:25*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 141*	*10/19/24 10:59*	*10/22/24 14:25*	*1*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*	*10/19/24 10:59*	*10/22/24 14:25*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*10/19/24 10:59*	*10/22/24 14:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2,2'-oxybis[1-chloropropane]	ND	cn	250	120	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2,4,5-Trichlorophenol	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2,4,6-Trichlorophenol	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2,4-Dichlorophenol	ND	cn	250	120	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2,4-Dimethylphenol	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2,4-Dinitrophenol	ND	F1 cn	5900	2500	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2,4-Dinitrotoluene	ND	cn	980	200	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2,6-Dinitrotoluene	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2-Chloronaphthalene	ND	cn	200	78	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2-Chlorophenol	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2-Methylnaphthalene	ND	cn	98	29	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2-Methylphenol	ND	cn	290	120	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2-Nitroaniline	ND	cn	290	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
2-Nitrophenol	ND	cn	290	120	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
3,3'-Dichlorobenzidine	ND	cn	2000	980	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
3-Nitroaniline	ND	cn	980	200	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
4,6-Dinitro-2-methylphenol	ND	F1 cn	2900	980	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
4-Bromophenyl phenyl ether	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
4-Chloro-3-methylphenol	ND	cn	290	120	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
4-Chloroaniline	ND	cn	980	200	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
4-Chlorophenyl phenyl ether	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
4-Methylphenol	ND	cn	290	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
4-Nitroaniline	ND	cn	980	200	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
4-Nitrophenol	ND	cn	2900	980	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Acenaphthene	**35**	**J cn**	98	20	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Acenaphthylene	ND	cn	98	23	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Acetophenone	ND	cn	290	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Anthracene	**180**	**cn**	98	20	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Atrazine	ND	cn	980	390	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Benzaldehyde	ND	cn	980	200	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Benzo[a]anthracene	**530**	**F1 cn**	98	20	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5

Client Sample ID: SB-100_4-5

Date Collected: 10/14/24 15:30
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-15

Matrix: Solid
Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**650**	**F1 cn**	98	20	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Benzo[b]fluoranthene	**730**	**F1 cn**	98	20	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Benzo[g,h,i]perylene	**380**	**F1 cn**	98	20	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Benzo[k]fluoranthene	**230**	**cn**	98	20	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Bis(2-chloroethoxy)methane	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Bis(2-chloroethyl)ether	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Bis(2-ethylhexyl) phthalate	ND	cn	980	390	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Butyl benzyl phthalate	ND	cn	980	390	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Caprolactam	ND	cn	980	200	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Carbazole	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Chrysene	**550**	**F1 cn**	98	20	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Di-n-butyl phthalate	ND	cn	980	390	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Di-n-octyl phthalate	ND	cn	980	390	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Dibenz(a,h)anthracene	**110**	**F1 cn**	98	39	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Dibenzofuran	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Diethyl phthalate	ND	cn	980	390	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Dimethyl phthalate	ND	cn	980	390	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Fluoranthene	**1000**	**F1 cn**	98	20	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Fluorene	**45**	**J cn**	98	20	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Hexachlorobenzene	ND	cn	200	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Hexachlorobutadiene	ND	cn	290	120	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Hexachlorocyclopentadiene	ND	F1 cn	2900	980	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Hexachloroethane	ND	cn	980	200	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Indeno[1,2,3-cd]pyrene	**350**	**F1 cn**	98	23	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Isophorone	ND	cn	390	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
N-Nitrosodi-n-propylamine	ND	cn	390	200	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
N-Nitrosodiphenylamine	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Naphthalene	**40**	**J cn**	98	39	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Nitrobenzene	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Pentachlorophenol	ND	cn	980	390	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Phenanthrene	**550**	**F1 cn**	98	23	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Phenol	ND	cn	210	98	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5
Pyrene	**960**	**F1 cn**	98	20	ug/Kg	☼	10/25/24 11:30	11/12/24 07:17	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1100*	*T J B cn*	*ug/Kg*	☼	*3.68*	*N/A*	*10/25/24 11:30*	*11/12/24 07:17*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*	*cn*	*29 - 120*	*10/25/24 11:30*	*11/12/24 07:17*	*5*
2-Fluorophenol (Surr)	*82*	*cn*	*18 - 120*	*10/25/24 11:30*	*11/12/24 07:17*	*5*
Nitrobenzene-d5 (Surr)	*84*	*cn*	*22 - 120*	*10/25/24 11:30*	*11/12/24 07:17*	*5*
p-Terphenyl-d14 (Surr)	*87*	*cn*	*36 - 123*	*10/25/24 11:30*	*11/12/24 07:17*	*5*
2,4,6-Tribromophenol (Surr)	*89*	*cn*	*13 - 127*	*10/25/24 11:30*	*11/12/24 07:17*	*5*
Phenol-d5 (Surr)	*82*	*cn*	*20 - 120*	*10/25/24 11:30*	*11/12/24 07:17*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7900**	**F2**	19	9.6	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2
Antimony	**0.40**	**F1**	0.19	0.078	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2
Arsenic	**7.1**		0.39	0.13	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2

Client Sample ID: SB-100_4-5

Lab Sample ID: 410-192708-15

Date Collected: 10/14/24 15:30
Date Received: 10/16/24 16:20

Matrix: Solid
Percent Solids: 84.5

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	46	F1	0.39	0.18	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2
Beryllium	0.69	F2 F1	0.097	0.023	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2
Cadmium	0.45		0.097	0.039	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2
Chromium	110	F2 F1	0.39	0.18	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2
Cobalt	18	F2 F1	0.19	0.078	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2
Copper	27	F1	0.39	0.17	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2
Lead	88	F2	0.19	0.074	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2
Manganese	400	F2	0.39	0.19	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2
Nickel	330	F2	1.9	0.92	mg/Kg	☼	10/22/24 21:30	11/08/24 12:33	10
Silver	0.11		0.097	0.039	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2
Thallium	0.065	J	0.097	0.038	mg/Kg	☼	10/22/24 21:30	11/18/24 10:31	2
Zinc	93	F2 F1	29	3.9	mg/Kg	☼	10/22/24 21:30	11/08/24 12:31	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.077	F1	0.071	0.024	mg/Kg	☼	10/29/24 23:20	11/04/24 08:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.57	0.20	mg/Kg	☼	10/25/24 16:15	10/25/24 21:05	1
Percent Moisture (EPA Moisture)	15.5		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: SB-100_18-20

Lab Sample ID: 410-192708-16

Date Collected: 10/14/24 16:40
Date Received: 10/16/24 16:20

Matrix: Solid
Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
1,1,2,2-Tetrachloroethane	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
1,1,2-Trichloroethane	ND		4.8	0.68	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
1,1-Dichloroethane	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
1,1-Dichloroethene	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
1,2,4-Trichlorobenzene	ND		9.6	4.8	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
1,2-Dibromo-3-Chloropropane	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
1,2-Dibromoethane	ND		4.8	0.68	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
1,2-Dichlorobenzene	ND		4.8	0.87	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
1,2-Dichloroethane	ND		4.8	0.58	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
1,2-Dichloropropane	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
1,3-Dichlorobenzene	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
1,4-Dichlorobenzene	ND		4.8	0.87	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
2-Butanone	ND		9.6	1.9	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
2-Hexanone	ND		9.6	2.4	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
4-Methyl-2-pentanone	ND		9.6	1.9	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Acetone	13	J	19	5.8	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Benzene	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Bromodichloromethane	ND		4.8	0.68	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Bromoform	ND		9.6	4.8	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Bromomethane	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Carbon disulfide	1.2	J	4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1

Client Sample ID: SB-100_18-20

Date Collected: 10/14/24 16:40
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-16

Matrix: Solid
Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Chlorobenzene	ND		4.8	0.87	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Chloroethane	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Chloroform	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Chloromethane	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
cis-1,2-Dichloroethene	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
cis-1,3-Dichloropropene	ND		4.8	0.58	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Cyclohexane	ND		4.8	0.87	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Dibromochloromethane	ND		4.8	0.48	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Dichlorodifluoromethane	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Ethylbenzene	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Freon 113	ND		9.6	0.87	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Isopropylbenzene	ND		4.8	1.4	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Methyl acetate	**2.5**	**J**	4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Methyl tertiary butyl ether	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Methylcyclohexane	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Methylene Chloride	ND		4.8	1.9	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Styrene	ND		4.8	0.87	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Tetrachloroethene	ND		4.8	1.4	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Toluene	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
trans-1,2-Dichloroethene	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
trans-1,3-Dichloropropene	ND		4.8	0.58	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Trichloroethene	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Trichlorofluoromethane	ND		4.8	0.96	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Vinyl chloride	ND		4.8	0.77	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1
Xylenes, Total	ND		9.6	0.68	ug/Kg	☼	10/19/24 10:59	10/22/24 18:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclotrisiloxane, hexamethyl-	*7.0*	*T J N*	*ug/Kg*	☼	*9.73*	*541-05-9*	*10/19/24 10:59*	*10/22/24 18:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*10/19/24 10:59*	*10/22/24 18:11*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*10/19/24 10:59*	*10/22/24 18:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*10/19/24 10:59*	*10/22/24 18:11*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*10/19/24 10:59*	*10/22/24 18:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2,2'-oxybis[1-chloropropane]	ND		51	24	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2,4,5-Trichlorophenol	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2,4,6-Trichlorophenol	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2,4-Dichlorophenol	ND		51	24	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2,4-Dimethylphenol	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2,4-Dinitrophenol	ND		1200	500	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2,4-Dinitrotoluene	ND		200	39	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2,6-Dinitrotoluene	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2-Chloronaphthalene	ND		39	16	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2-Chlorophenol	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2-Methylnaphthalene	**51**		20	5.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1

Client Sample ID: SB-100_18-20

Date Collected: 10/14/24 16:40
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-16

Matrix: Solid
Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		59	24	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2-Nitroaniline	ND		59	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
2-Nitrophenol	ND		59	24	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
3,3'-Dichlorobenzidine	ND		390	200	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
3-Nitroaniline	ND		200	39	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
4,6-Dinitro-2-methylphenol	ND		590	200	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
4-Bromophenyl phenyl ether	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
4-Chloro-3-methylphenol	ND		59	24	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
4-Chloroaniline	ND		200	39	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
4-Chlorophenyl phenyl ether	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
4-Methylphenol	ND		59	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
4-Nitroaniline	ND		200	39	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
4-Nitrophenol	ND	cn	590	200	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Acenaphthene	**26**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Acenaphthylene	**63**		20	4.7	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Acetophenone	ND		59	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Anthracene	**59**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Atrazine	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Benzaldehyde	**87**	**J**	200	39	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Benzo[a]anthracene	**200**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Benzo[a]pyrene	**290**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Benzo[b]fluoranthene	**390**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Benzo[g,h,i]perylene	**190**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Benzo[k]fluoranthene	**120**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Bis(2-chloroethoxy)methane	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Bis(2-chloroethyl)ether	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Bis(2-ethylhexyl) phthalate	**3200**		200	79	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Butyl benzyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Caprolactam	ND		200	39	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Carbazole	**20**	**J**	43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Chrysene	**270**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Di-n-butyl phthalate	**510**		200	79	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Di-n-octyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Dibenz(a,h)anthracene	**55**		20	7.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Dibenzofuran	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Diethyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Dimethyl phthalate	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Fluoranthene	**300**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Fluorene	**30**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Hexachlorobenzene	ND		39	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Hexachlorobutadiene	ND		59	24	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Hexachlorocyclopentadiene	ND	cn	590	200	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Hexachloroethane	ND		200	39	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Indeno[1,2,3-cd]pyrene	**150**		20	4.7	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Isophorone	ND		79	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
N-Nitrosodi-n-propylamine	ND		79	39	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
N-Nitrosodiphenylamine	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Naphthalene	**49**		20	7.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Nitrobenzene	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1

Client Sample ID: SB-100_18-20

Date Collected: 10/14/24 16:40
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-16

Matrix: Solid
Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		200	79	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Phenanthrene	**150**		20	4.7	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Phenol	ND		43	20	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1
Pyrene	**330**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/15/24 18:54	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3700*	*T J B*	*ug/Kg*	☼	*3.55*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*1500*	*T J*	*ug/Kg*	☼	*7.37*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Heptadecane	*2500*	*T J N*	*ug/Kg*	☼	*9.01*	*629-78-7*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*2100*	*T J*	*ug/Kg*	☼	*9.13*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*3800*	*T J*	*ug/Kg*	☼	*9.22*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
4b,8-Dimethyl-2-isopropylphenanthrene, 4b,5,6,7,8,8a,9,10-oc	*2800*	*T J N*	*ug/Kg*	☼	*10.41*	*1000197-14-1*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*35000*	*T J*	*ug/Kg*	☼	*10.73*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
9-Octadecenoic acid, (E)-	*5400*	*T J N*	*ug/Kg*	☼	*10.78*	*112-79-8*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
1,2-Benzenedicarboxylic acid, butyl cyclohexyl ester	*5700*	*T J N*	*ug/Kg*	☼	*11.11*	*84-64-0*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*3200*	*T J*	*ug/Kg*	☼	*11.15*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*1400*	*T J*	*ug/Kg*	☼	*11.30*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*12000*	*T J*	*ug/Kg*	☼	*11.47*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*6400*	*T J*	*ug/Kg*	☼	*11.54*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*11000*	*T J*	*ug/Kg*	☼	*11.59*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*8600*	*T J*	*ug/Kg*	☼	*11.65*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*1900*	*T J*	*ug/Kg*	☼	*11.70*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*33000*	*T J*	*ug/Kg*	☼	*11.81*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*15000*	*T J*	*ug/Kg*	☼	*11.87*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*14000*	*T J*	*ug/Kg*	☼	*11.93*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Selenolo[3,4-b][1]benzoselenophen-3(1H)-one	*43000*	*T J N*	*ug/Kg*	☼	*12.16*	*39827-01-5*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
1-Phenanthrenecarboxylic acid, 1,2,3,4,4	*2500*	*T J N*	*ug/Kg*	☼	*12.21*	*1235-74-1*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Docosanoic acid	*2100*	*T J N*	*ug/Kg*	☼	*12.26*	*112-85-6*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*6000*	*T J*	*ug/Kg*	☼	*12.28*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Tricosanoic acid	*1900*	*T J N*	*ug/Kg*	☼	*12.58*	*2433-96-7*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Unknown	*3200*	*T J*	*ug/Kg*	☼	*12.93*	*N/A*	*10/25/24 11:30*	*11/15/24 18:54*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*29 - 120*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
2-Fluorophenol (Surr)	*67*		*18 - 120*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Nitrobenzene-d5 (Surr)	*68*		*22 - 120*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
p-Terphenyl-d14 (Surr)	*81*		*36 - 123*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*13 - 127*	*10/25/24 11:30*	*11/15/24 18:54*	*1*
Phenol-d5 (Surr)	*70*		*20 - 120*	*10/25/24 11:30*	*11/15/24 18:54*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8200**		22	11	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2
Antimony	**1.1**		0.22	0.086	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2
Arsenic	**8.9**		0.43	0.14	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2
Barium	**65**		0.43	0.20	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2
Beryllium	**0.89**		0.11	0.026	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2

Client Sample ID: SB-100_18-20

Lab Sample ID: 410-192708-16

Date Collected: 10/14/24 16:40
Date Received: 10/16/24 16:20

Matrix: Solid
Percent Solids: 83.8

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.31		0.11	0.043	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2
Chromium	190		0.43	0.20	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2
Cobalt	4.1		0.22	0.086	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2
Copper	27		0.43	0.19	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2
Lead	580		1.1	0.41	mg/Kg	☼	10/22/24 21:30	11/08/24 14:01	10
Manganese	240		0.43	0.22	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2
Nickel	11		0.43	0.20	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2
Silver	0.085	J	0.11	0.044	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2
Thallium	0.054	J	0.11	0.042	mg/Kg	☼	10/22/24 21:30	11/18/24 11:02	2
Zinc	190		32	4.3	mg/Kg	☼	10/22/24 21:30	11/08/24 13:59	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.26		0.067	0.022	mg/Kg	☼	10/29/24 23:20	11/04/24 09:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.55	0.20	mg/Kg	☼	10/25/24 16:15	10/25/24 21:09	1
Percent Moisture (EPA Moisture)	16.2		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: SB-101_4-5

Lab Sample ID: 410-192708-17

Date Collected: 10/15/24 08:30
Date Received: 10/16/24 16:20

Matrix: Solid
Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
1,1,2,2-Tetrachloroethane	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
1,1,2-Trichloroethane	ND		4.9	0.69	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
1,1-Dichloroethane	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
1,1-Dichloroethene	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
1,2,4-Trichlorobenzene	ND		9.9	4.9	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
1,2-Dibromo-3-Chloropropane	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
1,2-Dibromoethane	ND		4.9	0.69	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
1,2-Dichlorobenzene	ND		4.9	0.89	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
1,2-Dichloroethane	ND		4.9	0.59	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
1,2-Dichloropropane	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
1,3-Dichlorobenzene	ND		4.9	0.99	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
1,4-Dichlorobenzene	ND		4.9	0.89	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
2-Butanone	5.7	J	9.9	2.0	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
2-Hexanone	ND		9.9	2.5	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
4-Methyl-2-pentanone	ND		9.9	2.0	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Acetone	29		20	5.9	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Benzene	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Bromodichloromethane	ND		4.9	0.69	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Bromoform	ND		9.9	4.9	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Bromomethane	ND		4.9	0.99	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Carbon disulfide	1.1	J	4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Carbon tetrachloride	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Chlorobenzene	ND		4.9	0.89	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1

Client Sample ID: SB-101_4-5

Date Collected: 10/15/24 08:30
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-17

Matrix: Solid
Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		4.9	0.99	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Chloroform	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Chloromethane	ND		4.9	0.99	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
cis-1,2-Dichloroethene	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
cis-1,3-Dichloropropene	ND		4.9	0.59	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Cyclohexane	ND		4.9	0.89	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Dibromochloromethane	ND		4.9	0.49	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Dichlorodifluoromethane	ND		4.9	0.99	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Ethylbenzene	ND		4.9	0.99	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Freon 113	ND		9.9	0.89	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Isopropylbenzene	ND		4.9	1.5	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Methyl acetate	**1.4**	**J**	4.9	0.99	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Methyl tertiary butyl ether	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Methylcyclohexane	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Methylene Chloride	ND		4.9	2.0	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Styrene	ND		4.9	0.89	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Tetrachloroethene	ND		4.9	1.5	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Toluene	ND		4.9	0.99	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
trans-1,2-Dichloroethene	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
trans-1,3-Dichloropropene	ND		4.9	0.59	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Trichloroethene	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Trichlorofluoromethane	ND		4.9	0.99	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Vinyl chloride	ND		4.9	0.79	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1
Xylenes, Total	ND		9.9	0.69	ug/Kg	☼	10/19/24 10:59	10/22/24 18:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/19/24 10:59*	*10/22/24 18:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*10/19/24 10:59*	*10/22/24 18:34*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*10/19/24 10:59*	*10/22/24 18:34*	*1*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*10/19/24 10:59*	*10/22/24 18:34*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*10/19/24 10:59*	*10/22/24 18:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2,2'-oxybis[1-chloropropane]	ND		52	24	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2,4,5-Trichlorophenol	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2,4,6-Trichlorophenol	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2,4-Dichlorophenol	ND		52	24	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2,4-Dimethylphenol	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2,4-Dinitrophenol	ND		1200	510	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2,4-Dinitrotoluene	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2,6-Dinitrotoluene	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2-Chloronaphthalene	ND		40	16	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2-Chlorophenol	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2-Methylnaphthalene	**13**	**J**	20	6.0	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2-Methylphenol	ND		60	24	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
2-Nitroaniline	ND		60	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1

Client Sample ID: SB-101_4-5

Date Collected: 10/15/24 08:30
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-17

Matrix: Solid
Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		60	24	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
3,3'-Dichlorobenzidine	ND		400	200	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
3-Nitroaniline	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
4,6-Dinitro-2-methylphenol	ND		600	200	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
4-Bromophenyl phenyl ether	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
4-Chloro-3-methylphenol	ND		60	24	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
4-Chloroaniline	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
4-Chlorophenyl phenyl ether	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
4-Methylphenol	ND		60	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
4-Nitroaniline	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
4-Nitrophenol	ND		600	200	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Acenaphthene	ND		20	4.0	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Acenaphthylene	**41**		20	4.8	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Acetophenone	ND		60	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Anthracene	**24**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Atrazine	ND		200	81	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Benzaldehyde	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Benzo[a]anthracene	**76**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Benzo[a]pyrene	**110**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Benzo[b]fluoranthene	**120**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Benzo[g,h,i]perylene	**86**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Benzo[k]fluoranthene	**43**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Bis(2-chloroethoxy)methane	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Bis(2-chloroethyl)ether	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Bis(2-ethylhexyl) phthalate	ND		200	81	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Butyl benzyl phthalate	ND		200	81	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Caprolactam	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Carbazole	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Chrysene	**110**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Di-n-butyl phthalate	ND		200	81	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Di-n-octyl phthalate	ND		200	81	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Dibenz(a,h)anthracene	**27**		20	8.1	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Dibenzofuran	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Diethyl phthalate	ND		200	81	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Dimethyl phthalate	ND		200	81	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Fluoranthene	**140**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Fluorene	**11**	**J**	20	4.0	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Hexachlorobenzene	ND		40	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Hexachlorobutadiene	ND		60	24	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Hexachlorocyclopentadiene	ND		600	200	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Hexachloroethane	ND		200	40	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Indeno[1,2,3-cd]pyrene	**70**		20	4.8	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Isophorone	ND		81	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
N-Nitrosodi-n-propylamine	ND		81	40	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
N-Nitrosodiphenylamine	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Naphthalene	**16**	**J**	20	8.1	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Nitrobenzene	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Pentachlorophenol	ND		200	81	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Phenanthrene	**85**		20	4.8	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1

Client Sample ID: SB-101_4-5

Date Collected: 10/15/24 08:30
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-17

Matrix: Solid
Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		44	20	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1
Pyrene	**170**		20	4.0	ug/Kg	☼	10/25/24 11:30	11/13/24 05:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*340*	*T J*	*ug/Kg*	☼	*2.94*	*N/A*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Unknown	*1700*	*T J B*	*ug/Kg*	☼	*3.67*	*N/A*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Unknown	*270*	*T J B*	*ug/Kg*	☼	*4.47*	*N/A*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Unknown	*210*	*T J*	*ug/Kg*	☼	*4.74*	*N/A*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Unknown	*270*	*T J*	*ug/Kg*	☼	*8.11*	*N/A*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Unknown	*390*	*T J*	*ug/Kg*	☼	*9.43*	*N/A*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
n-Hexadecanoic acid	*350*	*T J N*	*ug/Kg*	☼	*10.18*	*57-10-3*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Cyclic octaatomic sulfur	*380*	*T J N*	*ug/Kg*	☼	*10.78*	*10544-50-0*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Unknown	*400*	*T J*	*ug/Kg*	☼	*12.53*	*N/A*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Octadecane	*160*	*T J N*	*ug/Kg*	☼	*14.10*	*593-45-3*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Unknown	*180*	*T J*	*ug/Kg*	☼	*14.13*	*N/A*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Unknown	*200*	*T J*	*ug/Kg*	☼	*14.43*	*N/A*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Unknown	*200*	*T J*	*ug/Kg*	☼	*14.81*	*N/A*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
D-Friedoolean-14-en-3-one	*510*	*T J N*	*ug/Kg*	☼	*15.07*	*514-07-8*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Unknown	*180*	*T J*	*ug/Kg*	☼	*15.23*	*N/A*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Friedelin	*690*	*T J N*	*ug/Kg*	☼	*16.30*	*559-74-0*	*10/25/24 11:30*	*11/13/24 05:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*29 - 120*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
2-Fluorophenol (Surr)	*75*		*18 - 120*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Nitrobenzene-d5 (Surr)	*66*		*22 - 120*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
p-Terphenyl-d14 (Surr)	*93*		*36 - 123*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
2,4,6-Tribromophenol (Surr)	*94*		*13 - 127*	*10/25/24 11:30*	*11/13/24 05:05*	*1*
Phenol-d5 (Surr)	*82*		*20 - 120*	*10/25/24 11:30*	*11/13/24 05:05*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		20	9.7	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Antimony	**0.38**		0.20	0.079	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Arsenic	**17**		0.39	0.13	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Barium	**26**		0.39	0.18	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Beryllium	**1.4**		0.098	0.023	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Cadmium	**0.28**		0.098	0.039	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Chromium	**130**		0.39	0.19	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Cobalt	**5.3**		0.20	0.079	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Copper	**7.0**		0.39	0.18	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Lead	**130**		0.20	0.075	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Manganese	**62**		0.39	0.20	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Nickel	**51**		0.39	0.19	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Silver	**0.041**	**J**	0.098	0.040	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2
Thallium	**0.082**	**J**	0.098	0.038	mg/Kg	☼	10/22/24 21:30	11/18/24 11:04	2
Zinc	**98**		29	3.9	mg/Kg	☼	10/22/24 21:30	11/08/24 14:17	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.082**		0.073	0.024	mg/Kg	☼	10/29/24 23:20	11/04/24 09:15	1

Client Sample ID: SB-101_4-5

Lab Sample ID: 410-192708-17
Date Collected: 10/15/24 08:30
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 82.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.58	0.21	mg/Kg	☼	10/25/24 16:15	10/25/24 21:10	1
Percent Moisture (EPA Moisture)	**17.8**		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: SB-113_0-1

Lab Sample ID: 410-192708-18
Date Collected: 10/15/24 12:10
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Acenaphthylene	**22**		20	4.7	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Anthracene	**12**	**J**	20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Benzo[a]anthracene	**40**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Benzo[a]pyrene	**51**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Benzo[b]fluoranthene	**53**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Benzo[g,h,i]perylene	**37**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Benzo[k]fluoranthene	**17**	**J**	20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Chrysene	**53**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Dibenz(a,h)anthracene	**10**	**J**	20	7.8	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Fluoranthene	**56**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Fluorene	ND		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Indeno[1,2,3-cd]pyrene	**27**		20	4.7	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Naphthalene	ND		20	7.8	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Phenanthrene	**37**		20	4.7	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1
Pyrene	**89**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*29 - 120*	*10/25/24 11:30*	*11/13/24 05:27*	*1*
Nitrobenzene-d5 (Surr)	*72*		*22 - 120*	*10/25/24 11:30*	*11/13/24 05:27*	*1*
p-Terphenyl-d14 (Surr)	*88*		*36 - 123*	*10/25/24 11:30*	*11/13/24 05:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		20	6.2	ug/Kg	☼	10/25/24 15:50	10/29/24 05:11	1
PCB-1221 (1C)	ND		20	6.2	ug/Kg	☼	10/25/24 15:50	10/29/24 05:11	1
PCB-1232 (1C)	ND		20	6.2	ug/Kg	☼	10/25/24 15:50	10/29/24 05:11	1
PCB-1242 (1C)	ND		20	6.2	ug/Kg	☼	10/25/24 15:50	10/29/24 05:11	1
PCB-1248 (1C)	ND		20	6.2	ug/Kg	☼	10/25/24 15:50	10/29/24 05:11	1
PCB-1254 (1C)	ND		20	7.5	ug/Kg	☼	10/25/24 15:50	10/29/24 05:11	1
PCB-1260 (1C)	ND		20	7.5	ug/Kg	☼	10/25/24 15:50	10/29/24 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*72*		*66 - 130*	*10/25/24 15:50*	*10/29/24 05:11*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*81*		*66 - 130*	*10/25/24 15:50*	*10/29/24 05:11*	*1*
Tetrachloro-m-xylene (1C)	*72*		*68 - 130*	*10/25/24 15:50*	*10/29/24 05:11*	*1*
Tetrachloro-m-xylene (2C)	*82*		*68 - 130*	*10/25/24 15:50*	*10/29/24 05:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.6**		1.0	1.0	%			10/23/24 12:55	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-113_4-5

Date Collected: 10/15/24 12:20
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-19

Matrix: Solid
Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F2 cn	330	46	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
1,1,2,2-Tetrachloroethane	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
1,1,2-Trichloroethane	ND	cn	330	33	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
1,1-Dichloroethane	ND	cn	330	33	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
1,1-Dichloroethene	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
1,2,4-Trichlorobenzene	ND	cn	660	330	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
1,2-Dibromo-3-Chloropropane	ND	cn	330	66	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
1,2-Dibromoethane	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
1,2-Dichlorobenzene	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
1,2-Dichloroethane	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
1,2-Dichloropropane	ND	cn	330	33	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
1,3-Dichlorobenzene	ND	cn	330	33	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
1,4-Dichlorobenzene	ND	cn	330	33	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
2-Butanone	ND	cn	660	130	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
2-Hexanone	ND	F1 cn	660	99	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
4-Methyl-2-pentanone	ND	F1 cn	660	99	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Acetone	ND	cn	1300	390	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Benzene	ND	cn	330	33	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Bromodichloromethane	ND	F2 cn	330	46	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Bromoform	ND	*- F1 F2 cn	660	330	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Bromomethane	ND	cn	330	110	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Carbon disulfide	ND	F1 cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Carbon tetrachloride	ND	*- F1 F2 cn	330	130	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Chlorobenzene	ND	cn	330	33	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Chloroethane	ND	cn	330	99	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Chloroform	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Chloromethane	ND	cn	330	59	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
cis-1,2-Dichloroethene	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
cis-1,3-Dichloropropene	ND	F2 cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Cyclohexane	ND	cn	330	33	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Dibromochloromethane	ND	F1 F2 cn	330	130	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Dichlorodifluoromethane	ND	F1 cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Ethylbenzene	ND	cn	330	26	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Freon 113	ND	cn	660	46	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Isopropylbenzene	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Methyl acetate	**99**	**J cn**	330	66	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Methyl tertiary butyl ether	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Methylcyclohexane	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Methylene Chloride	ND	cn	330	130	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Styrene	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Tetrachloroethene	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Toluene	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
trans-1,2-Dichloroethene	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
trans-1,3-Dichloropropene	ND	F2 cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Trichloroethene	ND	cn	330	39	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Trichlorofluoromethane	ND	cn	330	53	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Vinyl chloride	ND	cn	330	53	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50
Xylenes, Total	ND	cn	330	92	ug/Kg	☼	10/19/24 10:59	10/24/24 00:30	50

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-113_4-5

Date Collected: 10/15/24 12:20
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-19

Matrix: Solid
Percent Solids: 84.7

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	1200	T J cn	ug/Kg	☼	1.74	N/A	10/19/24 10:59	10/24/24 00:30	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90	cn	54 - 135	10/19/24 10:59	10/24/24 00:30	50
4-Bromofluorobenzene (Surr)	88	cn	50 - 131	10/19/24 10:59	10/24/24 00:30	50
Dibromofluoromethane (Surr)	84	cn	50 - 141	10/19/24 10:59	10/24/24 00:30	50
Toluene-d8 (Surr)	88	cn	52 - 141	10/19/24 10:59	10/24/24 00:30	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Acenaphthylene	ND		20	4.7	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Anthracene	ND		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Benzo[a]anthracene	ND	F1	20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Benzo[a]pyrene	ND		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Benzo[b]fluoranthene	ND		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Benzo[g,h,i]perylene	ND	F1	20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Benzo[k]fluoranthene	ND		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Chrysene	ND		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Dibenz(a,h)anthracene	ND	F1	20	7.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Fluoranthene	**28**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Fluorene	**17**	**J**	20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Indeno[1,2,3-cd]pyrene	ND	F1	20	4.7	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Naphthalene	ND		20	7.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Phenanthrene	**47**		20	4.7	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1
Pyrene	**82**		20	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 05:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	44		29 - 120	10/25/24 11:30	11/13/24 05:49	1
Nitrobenzene-d5 (Surr)	39		22 - 120	10/25/24 11:30	11/13/24 05:49	1
p-Terphenyl-d14 (Surr)	46		36 - 123	10/25/24 11:30	11/13/24 05:49	1

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND	cn	91	37	mg/Kg	☼	10/19/24 10:59	10/22/24 12:37	2000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	0	S1- cn	50 - 142	10/19/24 10:59	10/22/24 12:37	2000

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	**350**	**F1 F2**	14	5.8	mg/Kg	☼	10/22/24 16:45	10/23/24 09:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o- terphenyl (Surr)	69		49 - 154	10/22/24 16:45	10/23/24 09:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND	F1 cn	20	6.2	ug/Kg	☼	10/21/24 15:50	10/22/24 03:03	1
PCB-1221 (1C)	ND	cn	20	6.2	ug/Kg	☼	10/21/24 15:50	10/22/24 03:03	1
PCB-1232 (1C)	ND	cn	20	6.2	ug/Kg	☼	10/21/24 15:50	10/22/24 03:03	1
PCB-1242 (1C)	ND	cn	20	6.2	ug/Kg	☼	10/21/24 15:50	10/22/24 03:03	1

Client Sample ID: SB-113_4-5

Lab Sample ID: 410-192708-19
Date Collected: 10/15/24 12:20
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248 (1C)	ND	cn	20	6.2	ug/Kg	☼	10/21/24 15:50	10/22/24 03:03	1
PCB-1254 (1C)	ND	cn	20	7.5	ug/Kg	☼	10/21/24 15:50	10/22/24 03:03	1
PCB-1260 (1C)	ND	F1 cn	20	7.5	ug/Kg	☼	10/21/24 15:50	10/22/24 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*42*	*S1- cn*	*66 - 130*	*10/21/24 15:50*	*10/22/24 03:03*	*1*
Tetrachloro-m-xylene (1C)	*49*	*S1- cn*	*68 - 130*	*10/21/24 15:50*	*10/22/24 03:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.3**		1.0	1.0	%			10/18/24 22:27	1

Client Sample ID: SB-114_10-12

Lab Sample ID: 410-192708-20
Date Collected: 10/15/24 13:45
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
1,1,2,2-Tetrachloroethane	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
1,1,2-Trichloroethane	ND		5.4	0.75	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
1,1-Dichloroethane	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
1,1-Dichloroethene	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
1,2,4-Trichlorobenzene	ND		11	5.4	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
1,2-Dibromo-3-Chloropropane	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
1,2-Dibromoethane	ND		5.4	0.75	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
1,2-Dichlorobenzene	ND		5.4	0.97	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
1,2-Dichloroethane	ND		5.4	0.65	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
1,2-Dichloropropane	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
1,3-Dichlorobenzene	ND		5.4	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
1,4-Dichlorobenzene	ND		5.4	0.97	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
2-Butanone	ND		11	2.2	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
2-Hexanone	ND		11	2.7	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
4-Methyl-2-pentanone	ND		11	2.2	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Acetone	ND		22	6.5	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Benzene	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Bromodichloromethane	ND		5.4	0.75	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Bromoform	ND		11	5.4	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Bromomethane	ND		5.4	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Carbon disulfide	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Carbon tetrachloride	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Chlorobenzene	ND		5.4	0.97	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Chloroethane	ND		5.4	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Chloroform	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Chloromethane	ND		5.4	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
cis-1,2-Dichloroethene	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
cis-1,3-Dichloropropene	ND		5.4	0.65	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Cyclohexane	ND		5.4	0.97	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Dibromochloromethane	ND		5.4	0.54	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Dichlorodifluoromethane	ND		5.4	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1

Client Sample ID: SB-114_10-12

Date Collected: 10/15/24 13:45
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-20

Matrix: Solid
Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.4	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Freon 113	ND		11	0.97	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Isopropylbenzene	ND		5.4	1.6	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Methyl acetate	ND		5.4	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Methyl tertiary butyl ether	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Methylcyclohexane	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Methylene Chloride	ND		5.4	2.2	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Styrene	ND		5.4	0.97	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Tetrachloroethene	ND		5.4	1.6	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Toluene	ND		5.4	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
trans-1,2-Dichloroethene	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
trans-1,3-Dichloropropene	ND		5.4	0.65	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Trichloroethene	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Trichlorofluoromethane	ND		5.4	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Vinyl chloride	ND		5.4	0.86	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1
Xylenes, Total	ND		11	0.75	ug/Kg	☼	10/19/24 11:15	10/22/24 18:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclotrisiloxane, hexamethyl-	*12*	*T J N*	*ug/Kg*	☼	*9.73*	*541-05-9*	*10/19/24 11:15*	*10/22/24 18:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*10/19/24 11:15*	*10/22/24 18:56*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*10/19/24 11:15*	*10/22/24 18:56*	*1*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*10/19/24 11:15*	*10/22/24 18:56*	*1*
Toluene-d8 (Surr)	*98*		*52 - 141*	*10/19/24 11:15*	*10/22/24 18:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		19	3.8	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Acenaphthylene	ND		19	4.6	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Anthracene	ND		19	3.8	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Benzo[a]anthracene	ND		19	3.8	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Benzo[a]pyrene	ND		19	3.8	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Benzo[b]fluoranthene	ND		19	3.8	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Benzo[g,h,i]perylene	ND		19	3.8	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Benzo[k]fluoranthene	ND		19	3.8	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Chrysene	ND		19	3.8	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Dibenz(a,h)anthracene	ND		19	7.6	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Fluoranthene	ND		19	3.8	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Fluorene	ND		19	3.8	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Indeno[1,2,3-cd]pyrene	ND		19	4.6	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Naphthalene	ND		19	7.6	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Phenanthrene	ND		19	4.6	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1
Pyrene	ND		19	3.8	ug/Kg	☼	10/25/24 11:30	11/13/24 06:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*29 - 120*	*10/25/24 11:30*	*11/13/24 06:54*	*1*
Nitrobenzene-d5 (Surr)	*64*		*22 - 120*	*10/25/24 11:30*	*11/13/24 06:54*	*1*
p-Terphenyl-d14 (Surr)	*80*		*36 - 123*	*10/25/24 11:30*	*11/13/24 06:54*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-114_10-12

Lab Sample ID: 410-192708-20
Date Collected: 10/15/24 13:45
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 87.4

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND		1.2	0.50	mg/Kg	☼	10/19/24 11:15	10/21/24 13:42	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*84*		*50 - 142*	*10/19/24 11:15*	*10/21/24 13:42*	*25*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		14	5.7	mg/Kg	☼	10/22/24 16:45	10/23/24 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr)	*74*		*49 - 154*	*10/22/24 16:45*	*10/23/24 03:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.6**		1.0	1.0	%			10/19/24 00:36	1

Client Sample ID: FD-02_20241015

Lab Sample ID: 410-192708-21
Date Collected: 10/15/24 13:45
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
1,1,2,2-Tetrachloroethane	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
1,1,2-Trichloroethane	ND		6.7	0.93	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
1,1-Dichloroethane	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
1,1-Dichloroethene	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
1,2,4-Trichlorobenzene	ND		13	6.7	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
1,2-Dibromo-3-Chloropropane	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
1,2-Dibromoethane	ND		6.7	0.93	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
1,2-Dichlorobenzene	ND		6.7	1.2	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
1,2-Dichloroethane	ND		6.7	0.80	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
1,2-Dichloropropane	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
1,3-Dichlorobenzene	ND		6.7	1.3	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
1,4-Dichlorobenzene	ND		6.7	1.2	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
2-Butanone	ND		13	2.7	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
2-Hexanone	ND		13	3.3	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
4-Methyl-2-pentanone	ND		13	2.7	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Acetone	**9.9**	**J**	27	8.0	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Benzene	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Bromodichloromethane	ND		6.7	0.93	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Bromoform	ND		13	6.7	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Bromomethane	ND		6.7	1.3	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Carbon disulfide	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Carbon tetrachloride	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Chlorobenzene	ND		6.7	1.2	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Chloroethane	ND		6.7	1.3	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Chloroform	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Chloromethane	ND		6.7	1.3	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
cis-1,2-Dichloroethene	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
cis-1,3-Dichloropropene	ND		6.7	0.80	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1

Client Sample ID: FD-02_20241015

Date Collected: 10/15/24 13:45
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-21

Matrix: Solid
Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		6.7	1.2	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Dibromochloromethane	ND		6.7	0.67	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Dichlorodifluoromethane	ND		6.7	1.3	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Ethylbenzene	ND		6.7	1.3	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Freon 113	ND		13	1.2	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Isopropylbenzene	ND		6.7	2.0	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Methyl acetate	ND		6.7	1.3	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Methyl tertiary butyl ether	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Methylcyclohexane	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Methylene Chloride	ND		6.7	2.7	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Styrene	ND		6.7	1.2	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Tetrachloroethene	ND		6.7	2.0	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Toluene	ND		6.7	1.3	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
trans-1,2-Dichloroethene	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
trans-1,3-Dichloropropene	ND		6.7	0.80	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Trichloroethene	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Trichlorofluoromethane	ND		6.7	1.3	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Vinyl chloride	ND		6.7	1.1	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1
Xylenes, Total	ND		13	0.93	ug/Kg	☼	10/19/24 11:15	10/22/24 19:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclotrisiloxane, hexamethyl-	*12*	*T J N*	*ug/Kg*	☼	*9.73*	*541-05-9*	*10/19/24 11:15*	*10/22/24 19:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*10/19/24 11:15*	*10/22/24 19:19*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*10/19/24 11:15*	*10/22/24 19:19*	*1*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*10/19/24 11:15*	*10/22/24 19:19*	*1*
Toluene-d8 (Surr)	*96*		*52 - 141*	*10/19/24 11:15*	*10/22/24 19:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		19	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Acenaphthylene	ND		19	4.6	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Anthracene	ND		19	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Benzo[a]anthracene	ND		19	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Benzo[a]pyrene	ND		19	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Benzo[b]fluoranthene	ND		19	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Benzo[g,h,i]perylene	ND		19	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Benzo[k]fluoranthene	ND		19	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Chrysene	ND		19	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Dibenz(a,h)anthracene	ND		19	7.7	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Fluoranthene	ND		19	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Fluorene	ND		19	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Indeno[1,2,3-cd]pyrene	ND		19	4.6	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Naphthalene	ND		19	7.7	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Phenanthrene	ND		19	4.6	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1
Pyrene	ND		19	3.9	ug/Kg	☼	10/25/24 11:30	11/13/24 07:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*29 - 120*	*10/25/24 11:30*	*11/13/24 07:16*	*1*

Client Sample ID: FD-02_20241015

Lab Sample ID: 410-192708-21

Date Collected: 10/15/24 13:45
Date Received: 10/16/24 16:20

Matrix: Solid
Percent Solids: 85.6

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*79*		*22 - 120*	*10/25/24 11:30*	*11/13/24 07:16*	*1*
p-Terphenyl-d14 (Surr)	*92*		*36 - 123*	*10/25/24 11:30*	*11/13/24 07:16*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND		1.3	0.54	mg/Kg	☼	10/19/24 11:15	10/21/24 14:15	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*81*		*50 - 142*	*10/19/24 11:15*	*10/21/24 14:15*	*25*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		14	5.8	mg/Kg	☼	10/22/24 16:45	10/23/24 03:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr)	*77*		*49 - 154*	*10/22/24 16:45*	*10/23/24 03:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.4**		1.0	1.0	%			10/19/24 00:36	1

Client Sample ID: TB-02_20241015

Lab Sample ID: 410-192708-22

Date Collected: 10/15/24 00:00
Date Received: 10/16/24 16:20

Matrix: Water

Method: SW846 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	0.30	ug/L			10/24/24 11:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/24/24 11:11	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/24/24 11:11	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/24/24 11:11	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/24/24 11:11	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			10/24/24 11:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			10/24/24 11:11	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			10/24/24 11:11	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			10/24/24 11:11	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/24/24 11:11	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/24/24 11:11	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			10/24/24 11:11	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			10/24/24 11:11	1
2-Butanone	ND	cn	10	0.50	ug/L			10/24/24 11:11	1
2-Hexanone	ND	cn	10	0.85	ug/L			10/24/24 11:11	1
4-Methyl-2-pentanone	ND	cn	10	0.50	ug/L			10/24/24 11:11	1
Acetone	ND		20	0.70	ug/L			10/24/24 11:11	1
Benzene	ND		1.0	0.30	ug/L			10/24/24 11:11	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/24/24 11:11	1
Bromoform	ND		4.0	1.0	ug/L			10/24/24 11:11	1
Bromomethane	ND		1.0	0.30	ug/L			10/24/24 11:11	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/24/24 11:11	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/24/24 11:11	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/24/24 11:11	1

Client Sample ID: TB-02_20241015

Lab Sample ID: 410-192708-22

Date Collected: 10/15/24 00:00
Matrix: Water
Date Received: 10/16/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.30	ug/L			10/24/24 11:11	1
Chloroform	ND		1.0	0.30	ug/L			10/24/24 11:11	1
Chloromethane	ND		2.0	0.55	ug/L			10/24/24 11:11	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/24/24 11:11	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/24/24 11:11	1
Cyclohexane	ND		5.0	1.0	ug/L			10/24/24 11:11	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/24/24 11:11	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			10/24/24 11:11	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/24/24 11:11	1
Freon 113	ND		10	0.30	ug/L			10/24/24 11:11	1
Isopropylbenzene	ND		5.0	0.30	ug/L			10/24/24 11:11	1
Methyl acetate	ND	cn	5.0	0.30	ug/L			10/24/24 11:11	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			10/24/24 11:11	1
Methylcyclohexane	ND		5.0	0.50	ug/L			10/24/24 11:11	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/24/24 11:11	1
Styrene	ND		5.0	0.30	ug/L			10/24/24 11:11	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/24/24 11:11	1
Toluene	ND		1.0	0.30	ug/L			10/24/24 11:11	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/24/24 11:11	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/24/24 11:11	1
Trichloroethene	ND		1.0	0.30	ug/L			10/24/24 11:11	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			10/24/24 11:11	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/24/24 11:11	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/24/24 11:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/24/24 11:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*10/24/24 11:11*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*10/24/24 11:11*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/24/24 11:11*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/24/24 11:11*	*1*

Client Sample ID: FB-01_20241015

Lab Sample ID: 410-192708-23

Date Collected: 10/15/24 08:15
Matrix: Water
Date Received: 10/16/24 16:20

Method: SW846 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	0.30	ug/L			10/27/24 23:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/27/24 23:06	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/27/24 23:06	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/27/24 23:06	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/27/24 23:06	1
1,2,4-Trichlorobenzene	ND	cn	5.0	0.30	ug/L			10/27/24 23:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			10/27/24 23:06	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			10/27/24 23:06	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			10/27/24 23:06	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/27/24 23:06	1

Client Sample ID: FB-01_20241015

Lab Sample ID: 410-192708-23

Date Collected: 10/15/24 08:15
Date Received: 10/16/24 16:20

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/27/24 23:06	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			10/27/24 23:06	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			10/27/24 23:06	1
2-Butanone	ND		10	0.50	ug/L			10/27/24 23:06	1
2-Hexanone	ND		10	0.85	ug/L			10/27/24 23:06	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			10/27/24 23:06	1
Acetone	ND		20	0.70	ug/L			10/27/24 23:06	1
Benzene	ND		1.0	0.30	ug/L			10/27/24 23:06	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/27/24 23:06	1
Bromoform	ND		4.0	1.0	ug/L			10/27/24 23:06	1
Bromomethane	ND		1.0	0.30	ug/L			10/27/24 23:06	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/27/24 23:06	1
Carbon tetrachloride	ND	cn	1.0	0.30	ug/L			10/27/24 23:06	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/27/24 23:06	1
Chloroethane	ND		1.0	0.30	ug/L			10/27/24 23:06	1
Chloroform	ND		1.0	0.30	ug/L			10/27/24 23:06	1
Chloromethane	ND		2.0	0.55	ug/L			10/27/24 23:06	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/27/24 23:06	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/27/24 23:06	1
Cyclohexane	ND	cn	5.0	1.0	ug/L			10/27/24 23:06	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/27/24 23:06	1
Dichlorodifluoromethane	ND	cn	1.0	0.30	ug/L			10/27/24 23:06	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/27/24 23:06	1
Freon 113	ND	cn	10	0.30	ug/L			10/27/24 23:06	1
Isopropylbenzene	ND	cn	5.0	0.30	ug/L			10/27/24 23:06	1
Methyl acetate	ND		5.0	0.30	ug/L			10/27/24 23:06	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			10/27/24 23:06	1
Methylcyclohexane	ND	cn	5.0	0.50	ug/L			10/27/24 23:06	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/27/24 23:06	1
Styrene	ND		5.0	0.30	ug/L			10/27/24 23:06	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/27/24 23:06	1
Toluene	ND		1.0	0.30	ug/L			10/27/24 23:06	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/27/24 23:06	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/27/24 23:06	1
Trichloroethene	ND		1.0	0.30	ug/L			10/27/24 23:06	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			10/27/24 23:06	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/27/24 23:06	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/27/24 23:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/27/24 23:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 120*		*10/27/24 23:06*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*10/27/24 23:06*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/27/24 23:06*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/27/24 23:06*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: FB-01_20241015

Date Collected: 10/15/24 08:15
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-23

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
2,2'-oxybis[1-chloropropane]	ND	cn	2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
2,4,5-Trichlorophenol	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
2,4,6-Trichlorophenol	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
2,4-Dichlorophenol	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
2,4-Dimethylphenol	ND		10	3.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
2,4-Dinitrophenol	ND		30	14	ug/L		10/19/24 07:50	11/01/24 05:16	1
2,4-Dinitrotoluene	ND		5.0	1.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
2,6-Dinitrotoluene	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
2-Chloronaphthalene	ND		1.0	0.40	ug/L		10/19/24 07:50	11/01/24 05:16	1
2-Chlorophenol	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
2-Methylnaphthalene	ND		0.50	0.10	ug/L		10/19/24 07:50	11/01/24 05:16	1
2-Methylphenol	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
2-Nitroaniline	ND		5.0	1.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
2-Nitrophenol	ND		5.0	1.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
3,3'-Dichlorobenzidine	ND		10	4.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
3-Nitroaniline	ND		5.0	2.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
4,6-Dinitro-2-methylphenol	ND		21	8.1	ug/L		10/19/24 07:50	11/01/24 05:16	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
4-Chloro-3-methylphenol	ND		5.0	1.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
4-Chloroaniline	ND		10	4.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
4-Chlorophenyl phenyl ether	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
4-Methylphenol	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
4-Nitroaniline	ND		3.0	0.91	ug/L		10/19/24 07:50	11/01/24 05:16	1
4-Nitrophenol	ND		30	10	ug/L		10/19/24 07:50	11/01/24 05:16	1
Acenaphthene	ND		0.50	0.10	ug/L		10/19/24 07:50	11/01/24 05:16	1
Acenaphthylene	ND		0.50	0.10	ug/L		10/19/24 07:50	11/01/24 05:16	1
Acetophenone	ND		5.0	1.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
Anthracene	ND		0.50	0.10	ug/L		10/19/24 07:50	11/01/24 05:16	1
Atrazine	ND		5.0	1.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
Benzaldehyde	ND		5.0	1.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
Benzo[a]anthracene	ND		0.50	0.10	ug/L		10/19/24 07:50	11/01/24 05:16	1
Benzo[a]pyrene	ND		0.50	0.11	ug/L		10/19/24 07:50	11/01/24 05:16	1
Benzo[b]fluoranthene	ND		0.50	0.10	ug/L		10/19/24 07:50	11/01/24 05:16	1
Benzo[g,h,i]perylene	ND		0.50	0.10	ug/L		10/19/24 07:50	11/01/24 05:16	1
Benzo[k]fluoranthene	ND		0.50	0.10	ug/L		10/19/24 07:50	11/01/24 05:16	1
Bis(2-chloroethoxy)methane	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
Bis(2-chloroethyl)ether	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
Butyl benzyl phthalate	ND		5.0	2.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
Caprolactam	ND		7.1	3.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
Carbazole	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
Chrysene	ND		0.50	0.10	ug/L		10/19/24 07:50	11/01/24 05:16	1
Di-n-butyl phthalate	ND		5.0	2.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
Di-n-octyl phthalate	ND		11	5.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
Dibenz(a,h)anthracene	ND		0.50	0.10	ug/L		10/19/24 07:50	11/01/24 05:16	1
Dibenzofuran	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
Diethyl phthalate	ND		5.0	2.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
Dimethyl phthalate	ND		5.0	2.0	ug/L		10/19/24 07:50	11/01/24 05:16	1

Client Sample ID: FB-01_20241015

Lab Sample ID: 410-192708-23

Date Collected: 10/15/24 08:15
Matrix: Water
Date Received: 10/16/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.50	0.10	ug/L		10/19/24 07:50	11/01/24 05:16	1
Fluorene	ND		0.50	0.12	ug/L		10/19/24 07:50	11/01/24 05:16	1
Hexachlorobenzene	ND		0.50	0.11	ug/L		10/19/24 07:50	11/01/24 05:16	1
Hexachlorobutadiene	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
Hexachlorocyclopentadiene	ND		11	5.0	ug/L		10/19/24 07:50	11/01/24 05:16	1
Hexachloroethane	ND		5.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.11	ug/L		10/19/24 07:50	11/01/24 05:16	1
Isophorone	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
N-Nitrosodi-n-propylamine	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
N-Nitrosodiphenylamine	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
Naphthalene	ND		0.50	0.26	ug/L		10/19/24 07:50	11/01/24 05:16	1
Nitrobenzene	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
Pentachlorophenol	ND		5.0	2.6	ug/L		10/19/24 07:50	11/01/24 05:16	1
Phenanthrene	ND		0.50	0.11	ug/L		10/19/24 07:50	11/01/24 05:16	1
Phenol	ND		2.0	0.50	ug/L		10/19/24 07:50	11/01/24 05:16	1
Pyrene	ND		0.50	0.10	ug/L		10/19/24 07:50	11/01/24 05:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*10/19/24 07:50*	*11/01/24 05:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*28 - 120*	*10/19/24 07:50*	*11/01/24 05:16*	*1*
2-Fluorophenol (Surr)	*43*		*10 - 120*	*10/19/24 07:50*	*11/01/24 05:16*	*1*
Nitrobenzene-d5 (Surr)	*67*		*18 - 120*	*10/19/24 07:50*	*11/01/24 05:16*	*1*
p-Terphenyl-d14 (Surr)	*81*		*22 - 120*	*10/19/24 07:50*	*11/01/24 05:16*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*16 - 120*	*10/19/24 07:50*	*11/01/24 05:16*	*1*
Phenol-d5 (Surr)	*28*		*10 - 120*	*10/19/24 07:50*	*11/01/24 05:16*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND		50	23	ug/L			10/17/24 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*106*		*63 - 135*		*10/17/24 13:10*	*1*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		100	46	ug/L		10/19/24 08:04	10/22/24 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr)	*82*		*32 - 125*	*10/19/24 08:04*	*10/22/24 03:55*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.021	0.0021	ug/L		10/22/24 15:26	10/23/24 07:43	1
alpha-BHC (1C)	ND		0.021	0.0032	ug/L		10/22/24 15:26	10/23/24 07:43	1
alpha-Chlordane (1C)	ND		0.021	0.0032	ug/L		10/22/24 15:26	10/23/24 07:43	1
beta-BHC (1C)	ND		0.032	0.012	ug/L		10/22/24 15:26	10/23/24 07:43	1
delta-BHC (1C)	ND		0.021	0.0036	ug/L		10/22/24 15:26	10/23/24 07:43	1
Dieldrin (1C)	ND		0.032	0.0056	ug/L		10/22/24 15:26	10/23/24 07:43	1
Endosulfan I (1C)	ND		0.021	0.0045	ug/L		10/22/24 15:26	10/23/24 07:43	1

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Date Collected: 10/15/24 08:15
Date Received: 10/16/24 16:20

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II (1C)	ND		0.042	0.016	ug/L		10/22/24 15:26	10/23/24 07:43	1
Endosulfan sulfate (1C)	ND		0.032	0.0061	ug/L		10/22/24 15:26	10/23/24 07:43	1
Endrin (1C)	ND		0.032	0.0085	ug/L		10/22/24 15:26	10/23/24 07:43	1
Endrin aldehyde (1C)	ND		0.11	0.021	ug/L		10/22/24 15:26	10/23/24 07:43	1
Endrin ketone (1C)	ND		0.032	0.0053	ug/L		10/22/24 15:26	10/23/24 07:43	1
gamma-BHC (Lindane) (1C)	ND		0.021	0.0021	ug/L		10/22/24 15:26	10/23/24 07:43	1
gamma-Chlordane (1C)	ND		0.042	0.0074	ug/L		10/22/24 15:26	10/23/24 07:43	1
Heptachlor (1C)	ND		0.021	0.0021	ug/L		10/22/24 15:26	10/23/24 07:43	1
Heptachlor epoxide (1C)	ND		0.021	0.0024	ug/L		10/22/24 15:26	10/23/24 07:43	1
Methoxychlor (1C)	ND		0.12	0.032	ug/L		10/22/24 15:26	10/23/24 07:43	1
p,p'-DDD (1C)	ND		0.032	0.0053	ug/L		10/22/24 15:26	10/23/24 07:43	1
p,p'-DDE (1C)	ND		0.032	0.0053	ug/L		10/22/24 15:26	10/23/24 07:43	1
p,p'-DDT (1C)	ND		0.032	0.0055	ug/L		10/22/24 15:26	10/23/24 07:43	1
Toxaphene (1C)	ND		1.1	0.32	ug/L		10/22/24 15:26	10/23/24 07:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (1C)	*46*		*20 - 129*	*10/22/24 15:26*	*10/23/24 07:43*	*1*
Tetrachloro-m-xylene (2C)	*44*		*20 - 129*	*10/22/24 15:26*	*10/23/24 07:43*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*92*		*20 - 149*	*10/22/24 15:26*	*10/23/24 07:43*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*86*		*20 - 149*	*10/22/24 15:26*	*10/23/24 07:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.50	0.10	ug/L		10/18/24 17:11	10/21/24 10:17	1
PCB-1221 (1C)	ND		0.50	0.10	ug/L		10/18/24 17:11	10/21/24 10:17	1
PCB-1232 (1C)	ND		0.50	0.10	ug/L		10/18/24 17:11	10/21/24 10:17	1
PCB-1242 (1C)	ND		0.50	0.10	ug/L		10/18/24 17:11	10/21/24 10:17	1
PCB-1248 (1C)	ND		0.50	0.079	ug/L		10/18/24 17:11	10/21/24 10:17	1
PCB-1254 (1C)	ND		0.50	0.079	ug/L		10/18/24 17:11	10/21/24 10:17	1
PCB-1260 (1C)	ND		0.50	0.079	ug/L		10/18/24 17:11	10/21/24 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*28*		*10 - 148*	*10/18/24 17:11*	*10/21/24 10:17*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*29*		*10 - 148*	*10/18/24 17:11*	*10/21/24 10:17*	*1*
Tetrachloro-m-xylene (1C)	*68*		*33 - 137*	*10/18/24 17:11*	*10/21/24 10:17*	*1*
Tetrachloro-m-xylene (2C)	*74*		*33 - 137*	*10/18/24 17:11*	*10/21/24 10:17*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T (1C)	ND		0.15	0.067	ug/L		10/20/24 20:03	10/22/24 13:40	1
Silvex (2,4,5-TP) (1C)	ND		0.052	0.023	ug/L		10/20/24 20:03	10/22/24 13:40	1
2,4-D (1C)	ND		0.62	0.26	ug/L		10/20/24 20:03	10/22/24 13:40	1
2,4-DB (1C)	ND		1.5	0.65	ug/L		10/20/24 20:03	10/22/24 13:40	1
Dichlorprop (1C)	ND		0.52	0.16	ug/L		10/20/24 20:03	10/22/24 13:40	1
Dalapon (1C)	ND		13	5.9	ug/L		10/20/24 20:03	10/22/24 13:40	1
Dicamba (1C)	ND		0.57	0.28	ug/L		10/20/24 20:03	10/22/24 13:40	1
MCPP (1C)	ND		210	52	ug/L		10/20/24 20:03	10/22/24 13:40	1
MCPA (1C)	ND		210	52	ug/L		10/20/24 20:03	10/22/24 13:40	1
Pentachlorophenol (1C)	ND		0.072	0.028	ug/L		10/20/24 20:03	10/22/24 13:40	1

Client Sample ID: FB-01_20241015

Lab Sample ID: 410-192708-23

Date Collected: 10/15/24 08:15
Date Received: 10/16/24 16:20
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr) (1C)	*78*		*34 - 142*	*10/20/24 20:03*	*10/22/24 13:40*	*1*
2,4-Dichlorophenylacetic acid (Surr) (2C)	*75*		*34 - 142*	*10/20/24 20:03*	*10/22/24 13:40*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		10/21/24 06:25	10/27/24 12:15	1
Antimony	ND		1.0	0.20	ug/L		10/21/24 06:25	10/27/24 12:15	1
Arsenic	ND		2.0	0.68	ug/L		10/21/24 06:25	10/27/24 12:15	1
Barium	ND		2.0	0.75	ug/L		10/21/24 06:25	10/27/24 12:15	1
Beryllium	ND		0.50	0.12	ug/L		10/21/24 06:25	10/27/24 12:15	1
Cadmium	ND		0.50	0.15	ug/L		10/21/24 06:25	10/27/24 12:15	1
Chromium	ND		2.0	0.55	ug/L		10/21/24 06:25	10/27/24 12:15	1
Cobalt	ND		0.50	0.16	ug/L		10/21/24 06:25	10/27/24 12:15	1
Copper	ND		1.0	0.36	ug/L		10/21/24 06:25	10/27/24 12:15	1
Lead	ND		0.50	0.12	ug/L		10/21/24 06:25	10/27/24 12:15	1
Manganese	ND		2.0	0.95	ug/L		10/21/24 06:25	10/29/24 09:43	1
Nickel	ND		1.0	0.40	ug/L		10/21/24 06:25	10/27/24 12:15	1
Silver	ND		0.50	0.10	ug/L		10/21/24 06:25	10/27/24 12:15	1
Thallium	ND		0.50	0.13	ug/L		10/21/24 06:25	10/27/24 12:15	1
Zinc	ND		10	4.0	ug/L		10/21/24 06:25	10/27/24 12:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		10/21/24 07:35	10/23/24 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0050	mg/L		10/25/24 19:15	10/28/24 21:09	1

Client Sample ID: SB-115_4-5

Lab Sample ID: 410-192708-24

Date Collected: 10/16/24 09:45
Date Received: 10/18/24 15:58
Matrix: Solid
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
1,1,2-Trichloroethane	ND		5.3	0.75	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
1,1-Dichloroethane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
1,1-Dichloroethene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
1,2,4-Trichlorobenzene	ND		11	5.3	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
1,2-Dibromo-3-Chloropropane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
1,2-Dibromoethane	ND		5.3	0.75	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
1,2-Dichlorobenzene	ND		5.3	0.96	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
1,2-Dichloroethane	ND		5.3	0.64	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
1,2-Dichloropropane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
1,3-Dichlorobenzene	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
1,4-Dichlorobenzene	ND		5.3	0.96	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
2-Butanone	**11**		11	2.1	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
2-Hexanone	ND		11	2.7	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1

Client Sample ID: SB-115_4-5

Date Collected: 10/16/24 09:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-24

Matrix: Solid
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	ND		11	2.1	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Acetone	**80**		21	6.4	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Benzene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Bromodichloromethane	ND		5.3	0.75	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Bromoform	ND		11	5.3	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Bromomethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Carbon disulfide	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Carbon tetrachloride	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Chlorobenzene	ND		5.3	0.96	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Chloroethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Chloroform	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Chloromethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
cis-1,2-Dichloroethene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
cis-1,3-Dichloropropene	ND		5.3	0.64	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Cyclohexane	ND		5.3	0.96	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Dibromochloromethane	ND		5.3	0.53	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Dichlorodifluoromethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Freon 113	ND		11	0.96	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Isopropylbenzene	ND		5.3	1.6	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Methyl acetate	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Methyl tertiary butyl ether	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Methylcyclohexane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Methylene Chloride	ND		5.3	2.1	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Styrene	ND		5.3	0.96	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Tetrachloroethene	ND		5.3	1.6	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Toluene	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
trans-1,2-Dichloroethene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
trans-1,3-Dichloropropene	ND		5.3	0.64	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Trichloroethene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Trichlorofluoromethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Vinyl chloride	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1
Xylenes, Total	ND		11	0.75	ug/Kg	☼	10/22/24 17:02	10/23/24 19:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Hexanal	*5.4*	*T J N*	*ug/Kg*	☼	*10.14*	*66-25-1*	*10/22/24 17:02*	*10/23/24 19:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*10/22/24 17:02*	*10/23/24 19:19*	*1*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*10/22/24 17:02*	*10/23/24 19:19*	*1*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*10/22/24 17:02*	*10/23/24 19:19*	*1*
Toluene-d8 (Surr)	*97*		*52 - 141*	*10/22/24 17:02*	*10/23/24 19:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		18	3.5	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Acenaphthylene	ND		18	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Anthracene	ND		18	3.5	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Benzo[a]anthracene	ND		18	3.5	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Benzo[a]pyrene	ND		18	3.5	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1

Client Sample ID: SB-115_4-5

Lab Sample ID: 410-192708-24

Date Collected: 10/16/24 09:45
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		18	3.5	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Benzo[g,h,i]perylene	ND		18	3.5	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Benzo[k]fluoranthene	ND		18	3.5	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Chrysene	ND		18	3.5	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Dibenz(a,h)anthracene	ND		18	7.0	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Fluoranthene	ND		18	3.5	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Fluorene	**5.5**	**J**	18	3.5	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Indeno[1,2,3-cd]pyrene	ND		18	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Naphthalene	ND		18	7.0	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Phenanthrene	**18**		18	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1
Pyrene	**5.0**	**J**	18	3.5	ug/Kg	☼	10/24/24 16:30	11/09/24 03:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*53*		*29 - 120*	*10/24/24 16:30*	*11/09/24 03:24*	*1*
Nitrobenzene-d5 (Surr)	*55*		*22 - 120*	*10/24/24 16:30*	*11/09/24 03:24*	*1*
p-Terphenyl-d14 (Surr)	*65*		*36 - 123*	*10/24/24 16:30*	*11/09/24 03:24*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND		1.1	0.44	mg/Kg	☼	10/22/24 17:14	10/23/24 15:44	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*94*		*50 - 142*	*10/22/24 17:14*	*10/23/24 15:44*	*25*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		13	5.2	mg/Kg	☼	10/22/24 16:45	10/23/24 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr)	*80*		*49 - 154*	*10/22/24 16:45*	*10/23/24 04:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	F2	0.50	0.18	mg/Kg	☼	10/29/24 15:00	10/29/24 19:54	1
Percent Moisture (EPA Moisture)	**5.9**		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: SB-115_21-23

Lab Sample ID: 410-192708-25

Date Collected: 10/16/24 09:50
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	660	92	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
1,1,2,2-Tetrachloroethane	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
1,1,2-Trichloroethane	ND	cn	660	66	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
1,1-Dichloroethane	ND	*+ cn	660	66	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
1,1-Dichloroethene	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
1,2,4-Trichlorobenzene	ND	cn	1300	660	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
1,2-Dibromo-3-Chloropropane	ND	cn	660	130	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
1,2-Dibromoethane	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
1,2-Dichlorobenzene	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100

Client Sample ID: SB-115_21-23

Date Collected: 10/16/24 09:50
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-25

Matrix: Solid
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
1,2-Dichloropropane	ND	cn	660	66	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
1,3-Dichlorobenzene	ND	cn	660	66	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
1,4-Dichlorobenzene	ND	cn	660	66	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
2-Butanone	ND	cn	1300	260	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
2-Hexanone	ND	*1 cn	1300	200	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
4-Methyl-2-pentanone	ND	cn	1300	200	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Acetone	ND	cn	2600	790	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Benzene	ND	cn	660	66	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Bromodichloromethane	ND	cn	660	92	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Bromoform	ND	cn	1300	660	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Bromomethane	ND	cn	660	210	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Carbon disulfide	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Carbon tetrachloride	ND	cn	660	260	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Chlorobenzene	ND	cn	660	66	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Chloroethane	ND	cn	660	200	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Chloroform	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Chloromethane	ND	cn	660	120	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
cis-1,2-Dichloroethene	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
cis-1,3-Dichloropropene	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Cyclohexane	**1000**	**cn**	660	66	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Dibromochloromethane	ND	cn	660	260	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Dichlorodifluoromethane	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Ethylbenzene	**7800**	**cn**	660	52	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Freon 113	ND	cn	1300	92	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Isopropylbenzene	**4300**	**cn**	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Methyl acetate	ND	cn	660	130	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Methyl tertiary butyl ether	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Methylcyclohexane	**5800**	**cn**	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Methylene Chloride	ND	cn	660	260	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Styrene	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Tetrachloroethene	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Toluene	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
trans-1,2-Dichloroethene	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
trans-1,3-Dichloropropene	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Trichloroethene	ND	cn	660	79	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Trichlorofluoromethane	ND	cn	660	100	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Vinyl chloride	ND	cn	660	100	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100
Xylenes, Total	**34000**	**cn**	660	180	ug/Kg	☼	10/22/24 17:14	10/30/24 03:00	100

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-ethyl-3-methyl-	*43000*	*T J N cn*	*ug/Kg*	☼	*12.23*	*620-14-4*	*10/22/24 17:14*	*10/30/24 03:00*	*100*
Unknown	*57000*	*T J cn*	*ug/Kg*	☼	*12.31*	*N/A*	*10/22/24 17:14*	*10/30/24 03:00*	*100*
Benzene, 1-ethyl-2-methyl-	*31000*	*T J N cn*	*ug/Kg*	☼	*12.46*	*611-14-3*	*10/22/24 17:14*	*10/30/24 03:00*	*100*
Benzene, 1,2,4-trimethyl-	*71000*	*T J N cn*	*ug/Kg*	☼	*12.60*	*95-63-6*	*10/22/24 17:14*	*10/30/24 03:00*	*100*
Benzene, 1-methyl-4-(1-methylethyl)-	*31000*	*T J N cn*	*ug/Kg*	☼	*12.78*	*99-87-6*	*10/22/24 17:14*	*10/30/24 03:00*	*100*
Unknown	*47000*	*T J cn*	*ug/Kg*	☼	*13.06*	*N/A*	*10/22/24 17:14*	*10/30/24 03:00*	*100*
Benzene, 1,4-diethyl-	*47000*	*T J N cn*	*ug/Kg*	☼	*13.10*	*105-05-5*	*10/22/24 17:14*	*10/30/24 03:00*	*100*
Undecane	*42000*	*T J N cn*	*ug/Kg*	☼	*13.19*	*1120-21-4*	*10/22/24 17:14*	*10/30/24 03:00*	*100*
Benzene, 1-methyl-4-propyl-	*34000*	*T J N cn*	*ug/Kg*	☼	*13.24*	*1074-55-1*	*10/22/24 17:14*	*10/30/24 03:00*	*100*

Client Sample ID: SB-115_21-23

Date Collected: 10/16/24 09:50
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-25

Matrix: Solid
Percent Solids: 82.1

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzene, 1-methyl-2-(1-methylethyl)-	35000	T J N cn	ug/Kg	☼	13.33	527-84-4	10/22/24 17:14	10/30/24 03:00	100
Benzene, 4-ethyl-1,2-dimethyl-	39000	T J N cn	ug/Kg	☼	13.38	934-80-5	10/22/24 17:14	10/30/24 03:00	100
Benzene, 2-butenyl-	47000	T J N cn	ug/Kg	☼	13.47	1560-06-1	10/22/24 17:14	10/30/24 03:00	100
Benzene, 1-methyl-4-(2-propenyl)-	32000	T J N cn	ug/Kg	☼	13.89	3333-13-9	10/22/24 17:14	10/30/24 03:00	100
1-Phenyl-1-butene	61000	T J N cn	ug/Kg	☼	13.99	824-90-8	10/22/24 17:14	10/30/24 03:00	100
Naphthalene	29000	T J N cn	ug/Kg	☼	14.45	91-20-3	10/22/24 17:14	10/30/24 03:00	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100	cn	54 - 135	10/22/24 17:14	10/30/24 03:00	100
4-Bromofluorobenzene (Surr)	96	cn	50 - 131	10/22/24 17:14	10/30/24 03:00	100
Dibromofluoromethane (Surr)	101	cn	50 - 141	10/22/24 17:14	10/30/24 03:00	100
Toluene-d8 (Surr)	90	cn	52 - 141	10/22/24 17:14	10/30/24 03:00	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**3600**	**cn**	200	40	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Acenaphthylene	ND	cn	200	48	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Anthracene	**2800**	**cn**	200	40	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Benzo[a]anthracene	**140**	**J cn**	200	40	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Benzo[a]pyrene	**59**	**J cn**	200	40	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Benzo[b]fluoranthene	**72**	**J cn**	200	40	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Benzo[g,h,i]perylene	ND	cn	200	40	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Benzo[k]fluoranthene	ND	cn	200	40	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Chrysene	**270**	**cn**	200	40	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Dibenz(a,h)anthracene	ND	cn	200	81	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Fluoranthene	**790**	**cn**	200	40	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Fluorene	**9200**	**cn**	200	40	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Indeno[1,2,3-cd]pyrene	ND	cn	200	48	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Naphthalene	**23000**	**B cn**	200	81	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Phenanthrene	**22000**	**cn**	200	48	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10
Pyrene	**3000**	**cn**	200	40	ug/Kg	☼	10/24/24 16:30	11/10/24 14:46	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	59	cn	29 - 120	10/24/24 16:30	11/10/24 14:46	10
Nitrobenzene-d5 (Surr)	149	S1+ cn	22 - 120	10/24/24 16:30	11/10/24 14:46	10
p-Terphenyl-d14 (Surr)	59	cn	36 - 123	10/24/24 16:30	11/10/24 14:46	10

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	**420**		250	100	mg/Kg	☼	10/22/24 17:14	10/25/24 01:05	5000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid) (1C)	156	S1+	50 - 142	10/22/24 17:14	10/25/24 01:05	5000

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	**13000**	**cn**	730	300	mg/Kg	☼	10/22/24 16:45	10/28/24 18:22	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o- terphenyl (Surr)	1182	S1+ cn	49 - 154	10/22/24 16:45	10/28/24 18:22	50

Client Sample ID: SB-115_21-23

Lab Sample ID: 410-192708-25

Date Collected: 10/16/24 09:50
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 82.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.61	0.22	mg/Kg	☼	10/29/24 15:00	10/29/24 19:57	1
Percent Moisture (EPA Moisture)	**17.9**		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: SB-115_29-30

Lab Sample ID: 410-192708-26

Date Collected: 10/16/24 09:55
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 79.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	380	53	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
1,1,2,2-Tetrachloroethane	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
1,1,2-Trichloroethane	ND	cn	380	38	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
1,1-Dichloroethane	ND	*+ cn	380	38	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
1,1-Dichloroethene	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
1,2,4-Trichlorobenzene	ND	cn	760	380	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
1,2-Dibromo-3-Chloropropane	ND	cn	380	76	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
1,2-Dibromoethane	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
1,2-Dichlorobenzene	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
1,2-Dichloroethane	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
1,2-Dichloropropane	ND	cn	380	38	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
1,3-Dichlorobenzene	ND	cn	380	38	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
1,4-Dichlorobenzene	ND	cn	380	38	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
2-Butanone	ND	cn	760	150	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
2-Hexanone	ND	*1 cn	760	110	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
4-Methyl-2-pentanone	ND	cn	760	110	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Acetone	ND	cn	1500	450	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Benzene	ND	cn	380	38	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Bromodichloromethane	ND	cn	380	53	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Bromoform	ND	cn	760	380	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Bromomethane	ND	cn	380	120	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Carbon disulfide	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Carbon tetrachloride	ND	cn	380	150	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Chlorobenzene	ND	cn	380	38	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Chloroethane	ND	cn	380	110	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Chloroform	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Chloromethane	ND	cn	380	68	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
cis-1,2-Dichloroethene	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
cis-1,3-Dichloropropene	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Cyclohexane	ND	cn	380	38	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Dibromochloromethane	ND	cn	380	150	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Dichlorodifluoromethane	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Ethylbenzene	ND	cn	380	30	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Freon 113	ND	cn	760	53	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Isopropylbenzene	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Methyl acetate	ND	cn	380	76	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Methyl tertiary butyl ether	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Methylcyclohexane	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Methylene Chloride	ND	cn	380	150	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Styrene	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Tetrachloroethene	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50

Client Sample ID: SB-115_29-30

Date Collected: 10/16/24 09:55
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-26

Matrix: Solid
Percent Solids: 79.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
trans-1,2-Dichloroethene	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
trans-1,3-Dichloropropene	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Trichloroethene	ND	cn	380	45	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Trichlorofluoromethane	ND	cn	380	60	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Vinyl chloride	ND	cn	380	60	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50
Xylenes, Total	ND	cn	380	110	ug/Kg	☼	10/23/24 19:46	10/30/24 02:38	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Naphthalene, 2-methyl-	*410*	*T J N cn*	*ug/Kg*	☼	*15.21*	*91-57-6*	*10/23/24 19:46*	*10/30/24 02:38*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*	*cn*	*54 - 135*	*10/23/24 19:46*	*10/30/24 02:38*	*50*
4-Bromofluorobenzene (Surr)	*101*	*cn*	*50 - 131*	*10/23/24 19:46*	*10/30/24 02:38*	*50*
Dibromofluoromethane (Surr)	*116*	*cn*	*50 - 141*	*10/23/24 19:46*	*10/30/24 02:38*	*50*
Toluene-d8 (Surr)	*105*	*cn*	*52 - 141*	*10/23/24 19:46*	*10/30/24 02:38*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**9.8**	**J**	21	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Acenaphthylene	ND		21	5.0	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Anthracene	ND		21	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Benzo[a]anthracene	ND		21	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Benzo[a]pyrene	ND		21	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Benzo[b]fluoranthene	ND		21	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Benzo[g,h,i]perylene	ND		21	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Benzo[k]fluoranthene	ND		21	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Chrysene	ND		21	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Dibenz(a,h)anthracene	ND		21	8.3	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Fluoranthene	ND		21	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Fluorene	**30**		21	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Indeno[1,2,3-cd]pyrene	ND		21	5.0	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Naphthalene	**20**	**J B cn**	21	8.3	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Phenanthrene	**66**		21	5.0	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1
Pyrene	**9.0**	**J**	21	4.2	ug/Kg	☼	10/24/24 16:30	11/09/24 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*29 - 120*	*10/24/24 16:30*	*11/09/24 04:07*	*1*
Nitrobenzene-d5 (Surr)	*58*		*22 - 120*	*10/24/24 16:30*	*11/09/24 04:07*	*1*
p-Terphenyl-d14 (Surr)	*76*		*36 - 123*	*10/24/24 16:30*	*11/09/24 04:07*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND		1.3	0.53	mg/Kg	☼	10/22/24 17:14	10/24/24 16:38	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*89*		*50 - 142*	*10/22/24 17:14*	*10/24/24 16:38*	*25*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	**190**		15	6.2	mg/Kg	☼	10/22/24 16:45	10/23/24 04:38	1

Client Sample ID: SB-115_29-30

Lab Sample ID: 410-192708-26
Date Collected: 10/16/24 09:55
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 79.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr)	*91*		*49 - 154*	*10/22/24 16:45*	*10/23/24 04:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.61	0.22	mg/Kg	☼	10/29/24 15:00	10/29/24 19:57	1
Percent Moisture (EPA Moisture)	**20.6**		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: N-3N_0-1

Lab Sample ID: 410-192708-27
Date Collected: 10/16/24 11:30
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 87.3

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND	cn	47	20	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
alpha-BHC (1C)	ND	cn	47	21	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
alpha-Chlordane (1C)	ND	cn	47	9.6	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
beta-BHC (1C)	ND	cn	57	25	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
delta-BHC (1C)	ND	cn	57	25	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
Dieldrin (1C)	ND	cn	96	19	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
Endosulfan I (1C)	ND	cn	47	12	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
Endosulfan II (1C)	ND	cn	130	62	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
Endosulfan sulfate (1C)	ND	cn	96	22	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
Endrin (1C)	ND	cn	96	38	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
Endrin aldehyde (1C)	ND	cn	96	22	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
Endrin ketone (1C)	ND	cn	110	34	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
gamma-BHC (Lindane) (1C)	ND	cn	47	12	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
gamma-Chlordane (1C)	ND	cn	47	14	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
Heptachlor (1C)	ND	cn	47	18	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
Heptachlor epoxide (1C)	ND	cn	47	20	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
Methoxychlor (1C)	ND	cn	380	140	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
Toxaphene (1C)	ND	cn	1900	790	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
p,p'-DDD (1C)	ND	cn	96	45	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50
p,p'-DDE (1C)	ND	cn	96	40	ug/Kg	☼	10/26/24 11:01	10/29/24 07:42	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*185*	*S1+ cn*	*54 - 143*	*10/26/24 11:01*	*10/29/24 07:42*	*50*
DCB Decachlorobiphenyl (Surr) (2C)	*178*	*S1+ cn*	*54 - 143*	*10/26/24 11:01*	*10/29/24 07:42*	*50*
Tetrachloro-m-xylene (1C)	*109*	*cn*	*20 - 131*	*10/26/24 11:01*	*10/29/24 07:42*	*50*
Tetrachloro-m-xylene (2C)	*91*	*cn*	*20 - 131*	*10/26/24 11:01*	*10/29/24 07:42*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p,p'-DDT (2C)	**1100**	**cn**	380	180	ug/Kg	☼	10/26/24 11:01	10/29/24 12:36	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*241*	*S1+*	*54 - 143*	*10/26/24 11:01*	*10/29/24 12:36*	*200*
DCB Decachlorobiphenyl (Surr) (2C)	*212*	*S1+ cn*	*54 - 143*	*10/26/24 11:01*	*10/29/24 12:36*	*200*
Tetrachloro-m-xylene (1C)	*139*	*S1+*	*20 - 131*	*10/26/24 11:01*	*10/29/24 12:36*	*200*
Tetrachloro-m-xylene (2C)	*104*	*cn*	*20 - 131*	*10/26/24 11:01*	*10/29/24 12:36*	*200*

Client Sample ID: N-3N_0-1

Lab Sample ID: 410-192708-27

Date Collected: 10/16/24 11:30
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 87.3

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T (1C)	ND		1.9	0.93	ug/Kg	☼	10/23/24 07:35	10/24/24 18:20	1
Silvex (2,4,5-TP) (1C)	ND		1.9	0.85	ug/Kg	☼	10/23/24 07:35	10/24/24 18:20	1
2,4-D (1C)	ND		41	14	ug/Kg	☼	10/23/24 07:35	10/24/24 18:20	1
2,4-DB (1C)	ND		28	14	ug/Kg	☼	10/23/24 07:35	10/24/24 18:20	1
Dichlorprop (1C)	ND		23	10	ug/Kg	☼	10/23/24 07:35	10/24/24 18:20	1
Dalapon (1C)	ND		110	56	ug/Kg	☼	10/23/24 07:35	10/24/24 18:20	1
Dicamba (1C)	ND		33	16	ug/Kg	☼	10/23/24 07:35	10/24/24 18:20	1
MCPP (1C)	ND		8700	4300	ug/Kg	☼	10/23/24 07:35	10/24/24 18:20	1
MCPA (1C)	ND		2800	860	ug/Kg	☼	10/23/24 07:35	10/24/24 18:20	1
Pentachlorophenol (1C)	**4.5**		1.9	0.37	ug/Kg	☼	10/23/24 07:35	10/24/24 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr) (1C)	*83*		*54 - 140*	*10/23/24 07:35*	*10/24/24 18:20*	*1*
2,4-Dichlorophenylacetic acid (Surr) (2C)	*60*		*54 - 140*	*10/23/24 07:35*	*10/24/24 18:20*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		21	10	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Antimony	**0.51**		0.21	0.084	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Arsenic	**14**		0.42	0.14	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Barium	**81**		0.42	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Beryllium	**0.88**		0.11	0.025	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Cadmium	**0.77**		0.11	0.042	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Chromium	**81**		0.42	0.20	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Cobalt	**4.6**		0.21	0.084	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Copper	**26**		0.42	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Lead	**130**		0.21	0.080	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Manganese	**150**		0.42	0.21	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Nickel	**25**		0.42	0.20	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Silver	**0.32**		0.11	0.043	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Thallium	**0.079**	**J**	0.11	0.041	mg/Kg	☼	11/04/24 06:25	11/08/24 18:28	2
Zinc	**230**		160	21	mg/Kg	☼	11/04/24 06:25	11/08/24 18:30	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.34**		0.065	0.022	mg/Kg	☼	11/07/24 22:00	11/09/24 07:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.53	0.19	mg/Kg	☼	10/29/24 15:00	10/29/24 19:58	1
Percent Moisture (EPA Moisture)	**12.7**		1.0	1.0	%			10/24/24 13:15	1

Client Sample ID: N-3N_1-2

Lab Sample ID: 410-192708-28

Date Collected: 10/16/24 11:32
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 84.1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		21	10	mg/Kg	☼	10/30/24 06:10	11/01/24 18:02	2

Client Sample ID: N-3N_1-2

Lab Sample ID: 410-192708-28

Date Collected: 10/16/24 11:32
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 84.1

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.9		0.21	0.084	mg/Kg	☼	10/30/24 06:10	11/01/24 18:02	2
Arsenic	26		0.42	0.14	mg/Kg	☼	10/30/24 06:10	11/01/24 18:02	2
Barium	240		2.1	0.96	mg/Kg	☼	10/30/24 06:10	11/01/24 18:04	10
Beryllium	0.83		0.11	0.025	mg/Kg	☼	10/30/24 06:10	11/01/24 18:02	2
Cadmium	1.9		0.11	0.042	mg/Kg	☼	10/30/24 06:10	11/01/24 18:02	2
Chromium	99		0.42	0.20	mg/Kg	☼	10/30/24 06:10	11/01/24 18:02	2
Cobalt	6.8		0.21	0.084	mg/Kg	☼	10/30/24 06:10	11/01/24 18:02	2
Copper	72		0.42	0.19	mg/Kg	☼	10/30/24 06:10	11/01/24 18:02	2
Lead	390		1.1	0.40	mg/Kg	☼	10/30/24 06:10	11/01/24 18:04	10
Manganese	310		0.42	0.21	mg/Kg	☼	10/30/24 06:10	11/01/24 18:02	2
Nickel	54		0.42	0.20	mg/Kg	☼	10/30/24 06:10	11/01/24 18:02	2
Silver	0.77		0.11	0.043	mg/Kg	☼	10/30/24 06:10	11/01/24 18:02	2
Thallium	0.13		0.11	0.041	mg/Kg	☼	10/30/24 06:10	11/01/24 18:02	2
Zinc	750		160	21	mg/Kg	☼	10/30/24 06:10	11/01/24 18:04	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.7		0.33	0.11	mg/Kg	☼	11/07/24 22:00	11/09/24 10:32	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.54	0.20	mg/Kg	☼	10/29/24 15:00	10/29/24 19:58	1
Percent Moisture (EPA Moisture)	15.9		1.0	1.0	%			10/24/24 13:15	1

Client Sample ID: N-3N_2-3

Lab Sample ID: 410-192708-29

Date Collected: 10/16/24 11:34
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 78.1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9300		25	13	mg/Kg	☼	10/30/24 06:10	11/01/24 18:06	2
Antimony	2.0		0.25	0.10	mg/Kg	☼	10/30/24 06:10	11/01/24 18:06	2
Arsenic	16		0.51	0.17	mg/Kg	☼	10/30/24 06:10	11/01/24 18:06	2
Barium	330		2.5	1.2	mg/Kg	☼	10/30/24 06:10	11/01/24 18:08	10
Beryllium	0.76		0.13	0.030	mg/Kg	☼	10/30/24 06:10	11/01/24 18:06	2
Cadmium	2.0		0.13	0.051	mg/Kg	☼	10/30/24 06:10	11/01/24 18:06	2
Chromium	66		0.51	0.24	mg/Kg	☼	10/30/24 06:10	11/01/24 18:06	2
Cobalt	7.0		0.25	0.10	mg/Kg	☼	10/30/24 06:10	11/01/24 18:06	2
Copper	100		0.51	0.23	mg/Kg	☼	10/30/24 06:10	11/01/24 18:06	2
Lead	670		1.3	0.48	mg/Kg	☼	10/30/24 06:10	11/01/24 18:08	10
Manganese	280		0.51	0.25	mg/Kg	☼	10/30/24 06:10	11/01/24 18:06	2
Nickel	41		0.51	0.24	mg/Kg	☼	10/30/24 06:10	11/01/24 18:06	2
Silver	0.70		0.13	0.051	mg/Kg	☼	10/30/24 06:10	11/01/24 18:06	2
Thallium	0.16		0.13	0.050	mg/Kg	☼	10/30/24 06:10	11/01/24 18:06	2
Zinc	560		190	25	mg/Kg	☼	10/30/24 06:10	11/01/24 18:08	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.8		0.15	0.050	mg/Kg	☼	11/07/24 22:00	11/09/24 10:30	2

Client Sample ID: N-3N_2-3

Lab Sample ID: 410-192708-29
Date Collected: 10/16/24 11:34
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 78.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.64	0.23	mg/Kg	☼	10/29/24 15:00	10/29/24 19:58	1
Percent Moisture (EPA Moisture)	**21.9**		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: N-3S_0-1

Lab Sample ID: 410-192708-30
Date Collected: 10/16/24 13:40
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 86.1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		4.8	2.1	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
alpha-BHC (1C)	ND		4.8	2.2	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
alpha-Chlordane (2C)	**1.3**	**J p**	4.8	0.97	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
beta-BHC (1C)	ND		5.7	2.5	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
delta-BHC (1C)	ND		5.7	2.6	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
Dieldrin (1C)	ND		9.7	1.9	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
Endosulfan I (1C)	ND		4.8	1.3	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
Endosulfan II (1C)	ND		13	6.3	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
Endosulfan sulfate (1C)	ND		9.7	2.3	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
Endrin (1C)	ND		9.7	3.9	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
Endrin aldehyde (1C)	ND		9.7	2.2	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
Endrin ketone (1C)	ND		11	3.4	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
gamma-BHC (Lindane) (1C)	ND		4.8	1.2	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
gamma-Chlordane (2C)	ND		4.8	1.4	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
Heptachlor (2C)	ND		4.8	1.8	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
Heptachlor epoxide (1C)	ND		4.8	2.0	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
Methoxychlor (1C)	ND		38	15	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
Toxaphene (1C)	ND		190	80	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
p,p'-DDD (1C)	ND		9.7	4.6	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
p,p'-DDE (1C)	**5.1**	**J**	9.7	4.0	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5
p,p'-DDT (1C)	ND		9.7	4.5	ug/Kg	☼	10/26/24 11:01	10/29/24 07:52	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*150*	*S1+*	*54 - 143*	*10/26/24 11:01*	*10/29/24 07:52*	*5*
DCB Decachlorobiphenyl (Surr) (2C)	*145*	*S1+*	*54 - 143*	*10/26/24 11:01*	*10/29/24 07:52*	*5*
Tetrachloro-m-xylene (1C)	*88*		*20 - 131*	*10/26/24 11:01*	*10/29/24 07:52*	*5*
Tetrachloro-m-xylene (2C)	*89*		*20 - 131*	*10/26/24 11:01*	*10/29/24 07:52*	*5*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T (1C)	ND		2.0	0.95	ug/Kg	☼	10/23/24 07:35	10/24/24 18:56	1
Silvex (2,4,5-TP) (1C)	ND		2.0	0.87	ug/Kg	☼	10/23/24 07:35	10/24/24 18:56	1
2,4-D (1C)	ND		42	14	ug/Kg	☼	10/23/24 07:35	10/24/24 18:56	1
2,4-DB (1C)	ND		29	14	ug/Kg	☼	10/23/24 07:35	10/24/24 18:56	1
Dichlorprop (1C)	ND		23	10	ug/Kg	☼	10/23/24 07:35	10/24/24 18:56	1
Dalapon (1C)	ND		120	57	ug/Kg	☼	10/23/24 07:35	10/24/24 18:56	1
Dicamba (1C)	ND		33	16	ug/Kg	☼	10/23/24 07:35	10/24/24 18:56	1
MCPP (1C)	ND		8900	4400	ug/Kg	☼	10/23/24 07:35	10/24/24 18:56	1
MCPA (1C)	ND		2900	880	ug/Kg	☼	10/23/24 07:35	10/24/24 18:56	1
Pentachlorophenol (2C)	**4.7**		2.0	0.38	ug/Kg	☼	10/23/24 07:35	10/24/24 18:56	1

Client Sample ID: N-3S_0-1

Lab Sample ID: 410-192708-30

Date Collected: 10/16/24 13:40
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 86.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr) (1C)	*85*		*54 - 140*	*10/23/24 07:35*	*10/24/24 18:56*	*1*
2,4-Dichlorophenylacetic acid (Surr) (2C)	*62*		*54 - 140*	*10/23/24 07:35*	*10/24/24 18:56*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		23	11	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Antimony	**0.85**		0.23	0.091	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Arsenic	**40**		0.46	0.15	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Barium	**130**		0.46	0.21	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Beryllium	**0.94**		0.11	0.027	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Cadmium	**0.46**		0.11	0.046	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Chromium	**84**		0.46	0.22	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Cobalt	**5.7**		0.23	0.091	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Copper	**23**		0.46	0.20	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Lead	**98**	**^2**	0.23	0.087	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Manganese	**200**		0.46	0.23	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Nickel	**33**		0.46	0.22	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Silver	**0.24**		0.11	0.046	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Thallium	**0.10**	**J**	0.11	0.045	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2
Zinc	**180**		34	4.6	mg/Kg	☼	11/15/24 20:00	11/22/24 13:20	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.15**	**H cn**	0.066	0.022	mg/Kg	☼	11/16/24 07:30	11/19/24 13:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.57	0.21	mg/Kg	☼	10/29/24 15:00	10/29/24 20:02	1
Percent Moisture (EPA Moisture)	**13.9**		1.0	1.0	%			10/25/24 07:02	1

Client Sample ID: N-3S_1-2

Lab Sample ID: 410-192708-31

Date Collected: 10/16/24 13:42
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 79.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14000**		24	12	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2
Antimony	**1.1**		0.24	0.097	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2
Arsenic	**33**		0.49	0.16	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2
Barium	**520**		2.4	1.1	mg/Kg	☼	11/04/24 06:25	11/08/24 17:54	10
Beryllium	**1.1**		0.12	0.029	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2
Cadmium	**0.68**		0.12	0.049	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2
Chromium	**35**		0.49	0.23	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2
Cobalt	**11**		0.24	0.097	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2
Copper	**88**		0.49	0.22	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2
Lead	**170**		0.24	0.092	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2
Manganese	**390**		0.49	0.24	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2
Nickel	**29**		0.49	0.23	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2
Silver	**1.4**		0.12	0.049	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2
Thallium	**0.099**	**J**	0.12	0.048	mg/Kg	☼	11/04/24 06:25	11/08/24 17:52	2

Client Sample ID: N-3S_1-2

Lab Sample ID: 410-192708-31
Date Collected: 10/16/24 13:42
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 79.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	310		180	24	mg/Kg	☼	11/04/24 06:25	11/08/24 17:54	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.28		0.075	0.025	mg/Kg	☼	11/07/24 22:00	11/09/24 07:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.61	0.22	mg/Kg	☼	10/29/24 15:00	10/29/24 20:02	1
Percent Moisture (EPA Moisture)	21.0		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: N-3S_2-3

Lab Sample ID: 410-192708-32
Date Collected: 10/16/24 13:44
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 74.1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		27	13	mg/Kg	☼	11/04/24 06:25	11/08/24 18:52	2
Antimony	1.1		0.27	0.11	mg/Kg	☼	11/04/24 06:25	11/08/24 18:52	2
Arsenic	12		0.54	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 18:52	2
Barium	510		2.7	1.2	mg/Kg	☼	11/04/24 06:25	11/08/24 18:54	10
Beryllium	1.1		0.13	0.032	mg/Kg	☼	11/04/24 06:25	11/08/24 18:52	2
Cadmium	0.93		0.13	0.054	mg/Kg	☼	11/04/24 06:25	11/08/24 18:52	2
Chromium	22		0.54	0.26	mg/Kg	☼	11/04/24 06:25	11/08/24 18:52	2
Cobalt	9.1		0.27	0.11	mg/Kg	☼	11/04/24 06:25	11/08/24 18:52	2
Copper	1000		2.7	1.2	mg/Kg	☼	11/04/24 06:25	11/08/24 18:54	10
Lead	110		0.27	0.10	mg/Kg	☼	11/04/24 06:25	11/08/24 18:52	2
Manganese	280		0.54	0.27	mg/Kg	☼	11/04/24 06:25	11/08/24 18:52	2
Nickel	23		0.54	0.26	mg/Kg	☼	11/04/24 06:25	11/08/24 18:52	2
Silver	0.43		0.13	0.055	mg/Kg	☼	11/04/24 06:25	11/08/24 18:52	2
Thallium	0.14		0.13	0.053	mg/Kg	☼	11/04/24 06:25	11/08/24 18:52	2
Zinc	ND		2000	270	mg/Kg	☼	11/04/24 06:25	11/08/24 19:28	100

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.43		0.080	0.027	mg/Kg	☼	11/07/24 22:00	11/09/24 07:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.67	0.24	mg/Kg	☼	10/29/24 15:00	10/29/24 20:03	1
Percent Moisture (EPA Moisture)	25.9		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: N-3W_0-1

Lab Sample ID: 410-192708-33
Date Collected: 10/16/24 14:35
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 82.4

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16000		19	9.4	mg/Kg	☼	11/04/24 06:25	11/08/24 18:56	2
Antimony	0.69		0.19	0.076	mg/Kg	☼	11/04/24 06:25	11/08/24 18:56	2
Arsenic	180		1.9	0.63	mg/Kg	☼	11/04/24 06:25	11/08/24 18:58	10

Client Sample ID: N-3W_0-1

Lab Sample ID: 410-192708-33
Date Collected: 10/16/24 14:35
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 82.4

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	130		0.38	0.17	mg/Kg	☼	11/04/24 06:25	11/08/24 18:56	2
Beryllium	1.3		0.095	0.023	mg/Kg	☼	11/04/24 06:25	11/08/24 18:56	2
Cadmium	1.1		0.095	0.038	mg/Kg	☼	11/04/24 06:25	11/08/24 18:56	2
Chromium	110		0.38	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 18:56	2
Cobalt	7.8		0.19	0.076	mg/Kg	☼	11/04/24 06:25	11/08/24 18:56	2
Copper	25		0.38	0.17	mg/Kg	☼	11/04/24 06:25	11/08/24 18:56	2
Lead	190		0.95	0.36	mg/Kg	☼	11/04/24 06:25	11/08/24 18:58	10
Manganese	610		0.38	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 18:56	2
Nickel	59		0.38	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 18:56	2
Silver	0.28		0.095	0.038	mg/Kg	☼	11/04/24 06:25	11/08/24 18:56	2
Thallium	0.11		0.095	0.037	mg/Kg	☼	11/04/24 06:25	11/08/24 18:56	2
Zinc	910		140	19	mg/Kg	☼	11/04/24 06:25	11/08/24 18:58	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.96		0.14	0.046	mg/Kg	☼	11/07/24 22:00	11/09/24 09:09	2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.34	J	0.56	0.20	mg/Kg	☼	10/29/24 15:00	10/29/24 20:05	1
Percent Moisture (EPA Moisture)	17.6		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: N-3W_1-2

Lab Sample ID: 410-192708-34
Date Collected: 10/16/24 14:36
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 70.5

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7500		28	14	mg/Kg	☼	11/04/24 06:25	11/08/24 18:36	2
Antimony	4.4		0.28	0.11	mg/Kg	☼	11/04/24 06:25	11/08/24 18:36	2
Arsenic	33		0.55	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 18:36	2
Barium	530		2.8	1.3	mg/Kg	☼	11/04/24 06:25	11/08/24 18:38	10
Beryllium	0.46		0.14	0.033	mg/Kg	☼	11/04/24 06:25	11/08/24 18:36	2
Cadmium	14		0.14	0.055	mg/Kg	☼	11/04/24 06:25	11/08/24 18:36	2
Chromium	94		0.55	0.26	mg/Kg	☼	11/04/24 06:25	11/08/24 18:36	2
Cobalt	17		0.28	0.11	mg/Kg	☼	11/04/24 06:25	11/08/24 18:36	2
Copper	190		0.55	0.25	mg/Kg	☼	11/04/24 06:25	11/08/24 18:36	2
Lead	1600		1.4	0.52	mg/Kg	☼	11/04/24 06:25	11/08/24 18:38	10
Manganese	890		0.55	0.28	mg/Kg	☼	11/04/24 06:25	11/08/24 18:36	2
Nickel	82		0.55	0.26	mg/Kg	☼	11/04/24 06:25	11/08/24 18:36	2
Silver	1.4		0.14	0.056	mg/Kg	☼	11/04/24 06:25	11/08/24 18:36	2
Thallium	0.13	J	0.14	0.054	mg/Kg	☼	11/04/24 06:25	11/08/24 18:36	2
Zinc	5500		2100	280	mg/Kg	☼	11/04/24 06:25	11/08/24 19:26	100

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	6.0		0.81	0.27	mg/Kg	☼	11/07/24 22:00	11/09/24 09:11	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.89	F1 F2	0.69	0.25	mg/Kg	☼	10/29/24 15:00	10/29/24 20:05	1

Client Sample ID: N-3W_1-2
Lab Sample ID: 410-192708-34

Date Collected: 10/16/24 14:36
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 70.5

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	29.5		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: N-3W_2-3
Lab Sample ID: 410-192708-35

Date Collected: 10/16/24 14:37
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 83.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		17	8.4	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Antimony	0.46		0.17	0.068	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Arsenic	17		0.34	0.11	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Barium	59		0.34	0.16	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Beryllium	1.1		0.085	0.020	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Cadmium	0.62		0.085	0.034	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Chromium	94		0.34	0.16	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Cobalt	4.1		0.17	0.068	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Copper	18		0.34	0.15	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Lead	88		0.17	0.065	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Manganese	140		0.34	0.17	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Nickel	13		0.34	0.16	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Silver	0.38		0.085	0.034	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Thallium	0.093		0.085	0.033	mg/Kg	☼	11/04/24 06:25	11/08/24 19:18	2
Zinc	410		130	17	mg/Kg	☼	11/04/24 06:25	11/08/24 19:20	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18		0.070	0.023	mg/Kg	☼	10/31/24 23:20	11/04/24 11:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.54	0.19	mg/Kg	☼	10/29/24 15:00	10/29/24 20:07	1
Percent Moisture (EPA Moisture)	17.0		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: N-3E_0-1
Lab Sample ID: 410-192708-36

Date Collected: 10/16/24 13:55
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 89.2

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		19	9.6	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2
Antimony	0.55		0.19	0.077	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2
Arsenic	62		0.39	0.13	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2
Barium	110		0.39	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2
Beryllium	1.0		0.097	0.023	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2
Cadmium	0.41		0.097	0.039	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2
Chromium	110		0.39	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2
Cobalt	6.5		0.19	0.077	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2
Copper	25		0.39	0.17	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2
Lead	150		0.19	0.073	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2
Manganese	150		0.39	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2
Nickel	61		0.39	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2

Client Sample ID: N-3E_0-1

Lab Sample ID: 410-192708-36
Date Collected: 10/16/24 13:55
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 89.2

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	630		0.48	0.20	mg/Kg	☼	11/04/24 06:25	11/08/24 19:24	10
Thallium	0.091	J	0.097	0.038	mg/Kg	☼	11/04/24 06:25	11/08/24 19:22	2
Zinc	190		140	19	mg/Kg	☼	11/04/24 06:25	11/08/24 19:24	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.16		0.065	0.022	mg/Kg	☼	10/31/24 23:20	11/04/24 11:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.52	0.19	mg/Kg	☼	10/29/24 15:00	10/29/24 20:09	1
Percent Moisture (EPA Moisture)	10.8		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: N-3E_1-2

Lab Sample ID: 410-192708-37
Date Collected: 10/16/24 13:56
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 81.7

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		19	9.2	mg/Kg	☼	11/04/24 06:25	11/08/24 19:00	2
Antimony	0.60		0.19	0.074	mg/Kg	☼	11/04/24 06:25	11/08/24 19:00	2
Arsenic	23		0.37	0.12	mg/Kg	☼	11/04/24 06:25	11/08/24 19:00	2
Barium	47		19	8.5	mg/Kg	☼	11/04/24 06:25	11/08/24 19:31	100
Beryllium	1.2		0.093	0.022	mg/Kg	☼	11/04/24 06:25	11/08/24 19:00	2
Cadmium	5.9		0.093	0.037	mg/Kg	☼	11/04/24 06:25	11/08/24 19:00	2
Chromium	36		0.37	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 19:00	2
Cobalt	8.8		0.19	0.074	mg/Kg	☼	11/04/24 06:25	11/08/24 19:00	2
Copper	100		0.37	0.17	mg/Kg	☼	11/04/24 06:25	11/08/24 19:00	2
Lead	1100		0.93	0.35	mg/Kg	☼	11/04/24 06:25	11/08/24 19:03	10
Manganese	320		0.37	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 19:00	2
Nickel	25		0.37	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 19:00	2
Silver	0.39		0.093	0.038	mg/Kg	☼	11/04/24 06:25	11/08/24 19:00	2
Thallium	0.097		0.093	0.036	mg/Kg	☼	11/04/24 06:25	11/08/24 19:00	2
Zinc	600		140	19	mg/Kg	☼	11/04/24 06:25	11/08/24 19:03	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.55		0.072	0.024	mg/Kg	☼	10/31/24 23:20	11/04/24 11:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.58	0.21	mg/Kg	☼	10/29/24 15:00	10/29/24 20:10	1
Percent Moisture (EPA Moisture)	18.3		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: N-3E_2-3

Lab Sample ID: 410-192708-38
Date Collected: 10/16/24 13:57
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 81.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8100		22	11	mg/Kg	☼	10/30/24 06:10	11/01/24 18:10	2

Client Sample ID: N-3E_2-3

Lab Sample ID: 410-192708-38

Date Collected: 10/16/24 13:57
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 81.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.3		0.22	0.088	mg/Kg	☼	10/30/24 06:10	11/01/24 18:10	2
Arsenic	17		0.44	0.15	mg/Kg	☼	10/30/24 06:10	11/01/24 18:10	2
Barium	230		2.2	1.0	mg/Kg	☼	10/30/24 06:10	11/01/24 18:12	10
Beryllium	0.70		0.11	0.026	mg/Kg	☼	10/30/24 06:10	11/01/24 18:10	2
Cadmium	1.8		0.11	0.044	mg/Kg	☼	10/30/24 06:10	11/01/24 18:10	2
Chromium	58		0.44	0.21	mg/Kg	☼	10/30/24 06:10	11/01/24 18:10	2
Cobalt	5.7		0.22	0.088	mg/Kg	☼	10/30/24 06:10	11/01/24 18:10	2
Copper	56		0.44	0.20	mg/Kg	☼	10/30/24 06:10	11/01/24 18:10	2
Lead	780		1.1	0.42	mg/Kg	☼	10/30/24 06:10	11/01/24 18:12	10
Manganese	320		0.44	0.22	mg/Kg	☼	10/30/24 06:10	11/01/24 18:10	2
Nickel	17		0.44	0.21	mg/Kg	☼	10/30/24 06:10	11/01/24 18:10	2
Silver	0.61		0.11	0.045	mg/Kg	☼	10/30/24 06:10	11/01/24 18:10	2
Thallium	0.11		0.11	0.043	mg/Kg	☼	10/30/24 06:10	11/01/24 18:10	2
Zinc	460		170	22	mg/Kg	☼	10/30/24 06:10	11/01/24 18:12	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.83		0.068	0.023	mg/Kg	☼	11/07/24 22:00	11/09/24 07:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.60	0.21	mg/Kg	☼	10/29/24 15:00	10/29/24 20:11	1
Percent Moisture (EPA Moisture)	19.0		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: C-2N_0-1

Lab Sample ID: 410-192708-39

Date Collected: 10/16/24 16:30
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 91.1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (2C)	ND		0.91	0.39	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
alpha-BHC (1C)	ND		0.91	0.41	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
alpha-Chlordane (2C)	0.37	J p	0.91	0.19	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
beta-BHC (1C)	ND		1.1	0.48	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
delta-BHC (1C)	ND		1.1	0.49	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
Dieldrin (1C)	ND		1.9	0.36	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
Endosulfan I (1C)	ND		0.91	0.24	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
Endosulfan II (1C)	ND		2.5	1.2	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
Endosulfan sulfate (1C)	ND		1.9	0.43	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
Endrin (1C)	ND		1.9	0.74	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
Endrin aldehyde (1C)	ND		1.9	0.42	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
Endrin ketone (1C)	ND		2.2	0.65	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
gamma-BHC (Lindane) (1C)	0.29	J p	0.91	0.23	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
gamma-Chlordane (1C)	ND		0.91	0.27	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
Heptachlor (1C)	ND		0.91	0.34	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
Heptachlor epoxide (1C)	ND		0.91	0.38	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
Methoxychlor (2C)	ND		7.3	2.8	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
Toxaphene (1C)	ND		36	15	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
p,p'-DDD (1C)	ND		1.9	0.87	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1
p,p'-DDE (1C)	1.4	J	1.9	0.76	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: C-2N_0-1

Date Collected: 10/16/24 16:30
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-39

Matrix: Solid
Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p,p'-DDT (1C)	1.2	J	1.9	0.86	ug/Kg	☼	10/26/24 11:01	10/29/24 08:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*72*		*54 - 143*	*10/26/24 11:01*	*10/29/24 08:03*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*75*		*54 - 143*	*10/26/24 11:01*	*10/29/24 08:03*	*1*
Tetrachloro-m-xylene (1C)	*79*		*20 - 131*	*10/26/24 11:01*	*10/29/24 08:03*	*1*
Tetrachloro-m-xylene (2C)	*78*		*20 - 131*	*10/26/24 11:01*	*10/29/24 08:03*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T (1C)	ND		1.8	0.89	ug/Kg	☼	10/23/24 07:35	10/24/24 19:31	1
Silvex (2,4,5-TP) (1C)	ND		1.8	0.81	ug/Kg	☼	10/23/24 07:35	10/24/24 19:31	1
2,4-D (1C)	ND		39	13	ug/Kg	☼	10/23/24 07:35	10/24/24 19:31	1
2,4-DB (1C)	ND		27	13	ug/Kg	☼	10/23/24 07:35	10/24/24 19:31	1
Dichlorprop (1C)	ND		22	9.7	ug/Kg	☼	10/23/24 07:35	10/24/24 19:31	1
Dalapon (1C)	ND		110	53	ug/Kg	☼	10/23/24 07:35	10/24/24 19:31	1
Dicamba (1C)	ND		31	15	ug/Kg	☼	10/23/24 07:35	10/24/24 19:31	1
MCPP (1C)	ND		8300	4100	ug/Kg	☼	10/23/24 07:35	10/24/24 19:31	1
MCPA (1C)	ND		2700	820	ug/Kg	☼	10/23/24 07:35	10/24/24 19:31	1
Pentachlorophenol (1C)	ND		1.8	0.36	ug/Kg	☼	10/23/24 07:35	10/24/24 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr) (1C)	*80*		*54 - 140*	*10/23/24 07:35*	*10/24/24 19:31*	*1*
2,4-Dichlorophenylacetic acid (Surr) (2C)	*61*		*54 - 140*	*10/23/24 07:35*	*10/24/24 19:31*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		17	8.3	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Antimony	0.25		0.17	0.067	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Arsenic	72		0.34	0.11	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Barium	42		0.34	0.15	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Beryllium	0.75		0.084	0.020	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Cadmium	0.12		0.084	0.034	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Chromium	79		0.34	0.16	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Cobalt	4.9		0.17	0.067	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Copper	5.7		0.34	0.15	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Lead	27		0.17	0.064	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Manganese	130		0.34	0.17	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Nickel	74		0.34	0.16	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Silver	0.043	J	0.084	0.034	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Thallium	0.087		0.084	0.033	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2
Zinc	42		25	3.4	mg/Kg	☼	11/04/24 06:25	11/08/24 18:48	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.069		0.062	0.021	mg/Kg	☼	11/07/24 22:00	11/09/24 07:47	1

Client Sample ID: C-2N_0-1

Lab Sample ID: 410-192708-39
Date Collected: 10/16/24 16:30
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 91.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.55	0.20	mg/Kg	☼	10/29/24 15:00	10/29/24 20:13	1
Percent Moisture (EPA Moisture)	**8.9**		1.0	1.0	%			10/24/24 13:15	1

Client Sample ID: C-2N_1-2

Lab Sample ID: 410-192708-40
Date Collected: 10/16/24 16:31
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 88.6

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17000**		78	39	mg/Kg	☼	11/04/24 06:25	11/08/24 18:02	10
Antimony	**0.22**		0.16	0.062	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Arsenic	**21**		0.31	0.10	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Barium	**42**		0.31	0.14	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Beryllium	**1.2**		0.078	0.019	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Cadmium	**0.082**		0.078	0.031	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Chromium	**95**		0.31	0.15	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Cobalt	**3.2**		0.16	0.062	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Copper	**8.2**		0.31	0.14	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Lead	**16**		0.16	0.059	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Manganese	**70**		0.31	0.16	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Nickel	**14**		0.31	0.15	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Silver	ND		0.078	0.032	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Thallium	**0.11**		0.078	0.031	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2
Zinc	**45**		23	3.1	mg/Kg	☼	11/04/24 06:25	11/08/24 18:00	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.050**	**J**	0.067	0.022	mg/Kg	☼	11/07/24 22:00	11/09/24 07:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.54	0.19	mg/Kg	☼	10/29/24 15:00	10/29/24 20:14	1
Percent Moisture (EPA Moisture)	**11.4**		1.0	1.0	%			10/24/24 13:15	1

Client Sample ID: C-2N_2-3

Lab Sample ID: 410-192708-41
Date Collected: 10/16/24 16:32
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 88.6

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		20	9.9	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Antimony	**0.48**		0.20	0.080	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Arsenic	**13**		0.40	0.13	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Barium	**69**		0.40	0.18	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Beryllium	**0.83**		0.10	0.024	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Cadmium	**0.28**		0.10	0.040	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Chromium	**77**		0.40	0.19	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Cobalt	**2.5**		0.20	0.080	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Copper	**14**		0.40	0.18	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Lead	**93**		0.20	0.076	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Manganese	**55**		0.40	0.20	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2

Client Sample ID: C-2N_2-3

Lab Sample ID: 410-192708-41

Date Collected: 10/16/24 16:32
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 88.6

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	11		0.40	0.19	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Silver	0.13		0.10	0.041	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Thallium	0.10		0.10	0.039	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2
Zinc	110		30	4.0	mg/Kg	☼	10/30/24 06:10	11/01/24 17:40	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18	F2 F1	0.062	0.021	mg/Kg	☼	11/07/24 22:00	11/09/24 07:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.56	0.20	mg/Kg	☼	10/29/24 15:00	10/29/24 20:14	1
Percent Moisture (EPA Moisture)	11.4		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: C-2S_0-1

Lab Sample ID: 410-192708-42

Date Collected: 10/17/24 08:04
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 88.1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		19	9.4	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Antimony	0.41	F1	0.19	0.076	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Arsenic	31	F1	0.38	0.13	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Barium	44		0.38	0.17	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Beryllium	1.2		0.095	0.023	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Cadmium	0.16		0.095	0.038	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Chromium	89		0.38	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Cobalt	2.8		0.19	0.076	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Copper	9.3		0.38	0.17	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Lead	27		0.19	0.072	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Manganese	75	F1	0.38	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Nickel	18		0.38	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Silver	ND		0.095	0.039	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Thallium	0.18		0.095	0.037	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2
Zinc	50	F1	29	3.8	mg/Kg	☼	11/04/24 06:25	11/08/24 16:31	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043	J	0.063	0.021	mg/Kg	☼	11/07/24 22:00	11/09/24 07:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.55	0.20	mg/Kg	☼	10/30/24 15:45	10/30/24 20:07	1
Percent Moisture (EPA Moisture)	11.9		1.0	1.0	%			10/24/24 11:06	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: C-2S_1-2

Lab Sample ID: 410-192708-43
Date Collected: 10/17/24 08:05
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 89.2

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15000		19	9.2	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Antimony	0.19		0.19	0.074	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Arsenic	14		0.37	0.12	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Barium	34		0.37	0.17	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Beryllium	1.1		0.093	0.022	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Cadmium	0.056	J	0.093	0.037	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Chromium	82		0.37	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Cobalt	2.6		0.19	0.074	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Copper	4.3		0.37	0.17	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Lead	9.0		0.19	0.070	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Manganese	48		0.37	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Nickel	13		0.37	0.18	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Silver	ND		0.093	0.038	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Thallium	0.10		0.093	0.036	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2
Zinc	33		28	3.7	mg/Kg	☼	11/04/24 06:25	11/08/24 18:04	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.082		0.064	0.021	mg/Kg	☼	11/07/24 22:00	11/09/24 07:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.51	0.18	mg/Kg	☼	10/30/24 15:45	10/30/24 20:09	1
Percent Moisture (EPA Moisture)	10.8		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: C-2S_2-3

Lab Sample ID: 410-192708-44
Date Collected: 10/17/24 08:06
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 89.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7400		20	10	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Antimony	0.28		0.20	0.081	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Arsenic	12		0.40	0.14	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Barium	25		0.40	0.19	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Beryllium	0.68		0.10	0.024	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Cadmium	0.062	J	0.10	0.040	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Chromium	59		0.40	0.19	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Cobalt	1.7		0.20	0.081	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Copper	4.2		0.40	0.18	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Lead	9.5		0.20	0.077	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Manganese	43		0.40	0.20	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Nickel	6.1		0.40	0.19	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Silver	ND		0.10	0.041	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Thallium	0.075	J	0.10	0.040	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2
Zinc	28	J	30	4.0	mg/Kg	☼	10/30/24 06:10	11/01/24 17:36	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.061	J	0.062	0.021	mg/Kg	☼	11/07/24 22:00	11/09/24 08:11	1

Client Sample ID: C-2S_2-3

Lab Sample ID: 410-192708-44
Date Collected: 10/17/24 08:06
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 89.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.54	0.19	mg/Kg	☼	10/30/24 15:45	10/30/24 20:10	1
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			10/24/24 13:15	1

Client Sample ID: C-2E_0-1

Lab Sample ID: 410-192708-45
Date Collected: 10/16/24 15:30
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 94.4

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6700**		21	10	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2
Antimony	ND		0.21	0.085	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2
Arsenic	**6.7**		0.42	0.14	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2
Barium	**22**		0.42	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2
Beryllium	**0.22**		0.11	0.025	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2
Cadmium	**0.064**	**J**	0.11	0.042	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2
Chromium	**320**		2.1	1.0	mg/Kg	☼	11/04/24 06:25	11/08/24 18:34	10
Cobalt	**47**		0.21	0.085	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2
Copper	**16**		0.42	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2
Lead	**7.3**		0.21	0.081	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2
Manganese	**380**		0.42	0.21	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2
Nickel	**970**		2.1	1.0	mg/Kg	☼	11/04/24 06:25	11/08/24 18:34	10
Silver	ND		0.11	0.043	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2
Thallium	**0.045**	**J**	0.11	0.042	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2
Zinc	**24**	**J**	32	4.2	mg/Kg	☼	11/04/24 06:25	11/08/24 18:32	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg	☼	11/07/24 22:00	11/09/24 07:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.53	0.19	mg/Kg	☼	10/29/24 15:00	10/29/24 20:15	1
Percent Moisture (EPA Moisture)	**5.6**		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: C-2E_1-2

Lab Sample ID: 410-192708-46
Date Collected: 10/16/24 15:31
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 89.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		19	9.3	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Antimony	**0.33**		0.19	0.076	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Arsenic	**39**		0.38	0.13	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Barium	**34**		0.38	0.17	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Beryllium	**0.83**		0.094	0.022	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Cadmium	**0.10**		0.094	0.038	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Chromium	**82**		0.38	0.18	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Cobalt	**2.8**		0.19	0.076	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Copper	**5.9**		0.38	0.17	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Lead	**28**		0.19	0.072	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Manganese	**59**		0.38	0.19	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: C-2E_1-2

Lab Sample ID: 410-192708-46
Date Collected: 10/16/24 15:31
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 89.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	14		0.38	0.18	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Silver	0.064	J	0.094	0.038	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Thallium	0.095		0.094	0.037	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2
Zinc	45		28	3.8	mg/Kg	☼	10/30/24 06:10	11/01/24 17:44	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.19		0.064	0.021	mg/Kg	☼	11/07/24 22:00	11/09/24 08:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.55	0.20	mg/Kg	☼	10/29/24 15:00	10/29/24 20:15	1
Percent Moisture (EPA Moisture)	11.0		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: C-2E_2-3

Lab Sample ID: 410-192708-47
Date Collected: 10/16/24 15:32
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 91.4

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9800		19	9.6	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Antimony	0.61		0.19	0.077	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Arsenic	40		0.39	0.13	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Barium	44		0.39	0.18	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Beryllium	0.93		0.097	0.023	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Cadmium	0.34		0.097	0.039	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Chromium	99		0.39	0.18	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Cobalt	3.9		0.19	0.077	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Copper	12		0.39	0.17	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Lead	110		0.19	0.074	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Manganese	140		0.39	0.19	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Nickel	12		0.39	0.18	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Silver	0.15		0.097	0.039	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Thallium	0.075	J	0.097	0.038	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2
Zinc	96		29	3.9	mg/Kg	☼	10/30/24 06:10	11/01/24 18:14	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.33		0.063	0.021	mg/Kg	☼	11/07/24 22:00	11/09/24 07:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.51	0.18	mg/Kg	☼	10/29/24 18:00	10/30/24 20:30	1
Percent Moisture (EPA Moisture)	8.6		1.0	1.0	%			10/24/24 11:06	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: C-2W_0-1

Lab Sample ID: 410-192708-48
Date Collected: 10/17/24 08:50
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 88.4

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		21	10	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Antimony	0.36		0.21	0.084	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Arsenic	18		0.42	0.14	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Barium	29		0.42	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Beryllium	1.8		0.10	0.025	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Cadmium	0.33		0.10	0.042	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Chromium	240		2.1	0.99	mg/Kg	☼	11/04/24 06:25	11/08/24 17:58	10
Cobalt	5.8		0.21	0.084	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Copper	2.1		0.42	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Lead	10		0.21	0.080	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Manganese	220		0.42	0.21	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Nickel	20		0.42	0.20	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Silver	ND		0.10	0.043	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Thallium	ND		0.10	0.041	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2
Zinc	88		31	4.2	mg/Kg	☼	11/04/24 06:25	11/08/24 17:56	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.068	0.023	mg/Kg	☼	11/07/24 22:00	11/09/24 07:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.54	0.19	mg/Kg	☼	10/30/24 15:45	10/30/24 20:10	1
Percent Moisture (EPA Moisture)	11.6		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: C-2W_1-2

Lab Sample ID: 410-192708-49
Date Collected: 10/17/24 08:51
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 89.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		20	9.8	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Antimony	0.85		0.20	0.079	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Arsenic	250		2.0	0.66	mg/Kg	☼	10/30/24 06:10	11/01/24 17:23	10
Barium	36		0.39	0.18	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Beryllium	1.1		0.099	0.023	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Cadmium	0.32		0.099	0.039	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Chromium	130		0.39	0.19	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Cobalt	4.9		0.20	0.079	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Copper	4.4		0.39	0.18	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Lead	21		0.20	0.075	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Manganese	160		0.39	0.20	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Nickel	31		0.39	0.19	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Silver	ND		0.099	0.040	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Thallium	0.068	J	0.099	0.039	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2
Zinc	69		30	3.9	mg/Kg	☼	10/30/24 06:10	11/01/24 17:21	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050	J	0.065	0.022	mg/Kg	☼	11/07/24 22:00	11/09/24 07:26	1

Client Sample ID: C-2W_1-2

Lab Sample ID: 410-192708-49
Date Collected: 10/17/24 08:51
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 89.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.53	0.19	mg/Kg	☼	10/30/24 15:45	10/30/24 20:11	1
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: C-2W_2-3

Lab Sample ID: 410-192708-50
Date Collected: 10/17/24 08:52
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 92.7

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13000**		21	10	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Antimony	**0.35**		0.21	0.084	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Arsenic	**290**		2.1	0.70	mg/Kg	☼	11/04/24 06:25	11/08/24 18:26	10
Barium	**37**		0.42	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Beryllium	**0.86**		0.10	0.025	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Cadmium	**0.26**		0.10	0.042	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Chromium	**68**		0.42	0.20	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Cobalt	**2.3**		0.21	0.084	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Copper	**7.3**		0.42	0.19	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Lead	**35**		0.21	0.080	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Manganese	**100**		0.42	0.21	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Nickel	**6.7**		0.42	0.20	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Silver	**0.057**	**J**	0.10	0.043	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Thallium	**0.10**		0.10	0.041	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2
Zinc	**130**		31	4.2	mg/Kg	☼	11/04/24 06:25	11/08/24 18:24	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.052**	**J**	0.060	0.020	mg/Kg	☼	11/07/24 22:00	11/09/24 07:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.48	0.17	mg/Kg	☼	10/30/24 15:45	10/30/24 20:11	1
Percent Moisture (EPA Moisture)	**7.3**		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: SB-110_0-1

Lab Sample ID: 410-192708-51
Date Collected: 10/17/24 10:10
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 87.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2,2'-oxybis[1-chloropropane]	ND		370	22	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2,4,5-Trichlorophenol	ND		370	38	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2,4-Dimethylphenol	ND	*+	370	45	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2,4-Dinitrophenol	ND		300	180	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2,4-Dinitrotoluene	ND		76	40	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2,6-Dinitrotoluene	ND		76	27	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1

Client Sample ID: SB-110_0-1

Date Collected: 10/17/24 10:10
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-51

Matrix: Solid
Percent Solids: 87.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		370	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2-Methylnaphthalene	ND		370	10	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2-Methylphenol	ND		370	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2-Nitroaniline	ND		370	29	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
2-Nitrophenol	ND		370	38	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
3,3'-Dichlorobenzidine	ND		150	57	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
3-Nitroaniline	ND		370	89	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
4-Chloroaniline	ND		370	67	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
4-Methylphenol	ND		370	23	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
4-Nitroaniline	ND		370	43	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
4-Nitrophenol	ND		760	61	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Acenaphthene	ND		370	11	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Acenaphthylene	ND		370	11	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Acetophenone	ND		370	18	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Anthracene	ND		370	11	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Atrazine	ND		150	22	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Benzaldehyde	ND		370	62	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Benzo[a]anthracene	ND		37	28	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Benzo[a]pyrene	ND		37	10	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Benzo[b]fluoranthene	ND		37	9.7	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Benzo[g,h,i]perylene	ND	*+	370	11	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Benzo[k]fluoranthene	ND		37	7.4	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Butyl benzyl phthalate	ND		370	18	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Caprolactam	ND		370	58	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Carbazole	ND		370	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Chrysene	ND		370	16	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Di-n-butyl phthalate	**43**	**J**	370	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Di-n-octyl phthalate	ND		370	20	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Dibenz(a,h)anthracene	ND		37	16	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Dibenzofuran	ND		370	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Dimethyl phthalate	ND		370	85	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Fluoranthene	ND		370	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Fluorene	ND		370	11	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Hexachlorobenzene	ND		37	18	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Hexachlorobutadiene	ND		76	8.0	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Hexachlorocyclopentadiene	ND	*+	370	33	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Hexachloroethane	ND		37	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Indeno[1,2,3-cd]pyrene	ND		37	15	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Isophorone	ND		150	110	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
N-Nitrosodiphenylamine	ND		370	31	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Naphthalene	ND		370	6.5	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Nitrobenzene	ND		37	21	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1

Client Sample ID: SB-110_0-1
Date Collected: 10/17/24 10:10
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-51
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		300	77	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Phenanthrene	ND		370	15	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Phenol	ND		370	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Pyrene	ND		370	9.3	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1
Bis(2-ethylhexyl) phthalate	ND		370	20	ug/Kg	☼	10/31/24 20:24	11/01/24 13:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/31/24 20:24*	*11/01/24 13:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*24 - 137*	*10/31/24 20:24*	*11/01/24 13:09*	*1*
2-Fluorophenol (Surr)	*90*		*31 - 133*	*10/31/24 20:24*	*11/01/24 13:09*	*1*
Nitrobenzene-d5 (Surr)	*91*		*31 - 120*	*10/31/24 20:24*	*11/01/24 13:09*	*1*
Phenol-d5 (Surr)	*92*		*35 - 132*	*10/31/24 20:24*	*11/01/24 13:09*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15000**		83	41	mg/Kg	☼	10/27/24 19:16	11/01/24 20:31	10
Antimony	**0.36**		0.17	0.066	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Arsenic	**35**		0.33	0.11	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Barium	**30**		0.33	0.15	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Beryllium	**1.0**		0.083	0.020	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Cadmium	**0.035**	**J**	0.083	0.033	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Chromium	**110**		0.33	0.16	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Cobalt	**2.8**		0.17	0.066	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Copper	**5.6**		0.33	0.15	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Lead	**9.2**	**^2**	0.17	0.063	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Manganese	**31**		0.33	0.17	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Nickel	**6.9**		0.33	0.16	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Silver	ND		0.083	0.034	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Thallium	**0.12**		0.083	0.033	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2
Zinc	**47**		25	3.3	mg/Kg	☼	10/27/24 19:16	11/01/24 20:29	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.063	0.021	mg/Kg	☼	10/29/24 23:20	10/31/24 07:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.54	0.19	mg/Kg	☼	10/30/24 15:45	10/30/24 20:14	1
Percent Moisture (EPA Moisture)	**12.1**		1.0	1.0	%			10/24/24 11:06	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-110_4-5

Date Collected: 10/17/24 10:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-52

Matrix: Solid
Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
1,1,2,2-Tetrachloroethane	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
1,1,2-Trichloroethane	ND		4.9	0.69	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
1,1-Dichloroethane	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
1,1-Dichloroethene	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
1,2,4-Trichlorobenzene	ND		9.8	4.9	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
1,2-Dibromo-3-Chloropropane	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
1,2-Dibromoethane	ND		4.9	0.69	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
1,2-Dichlorobenzene	ND		4.9	0.88	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
1,2-Dichloroethane	ND		4.9	0.59	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
1,2-Dichloropropane	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
1,3-Dichlorobenzene	ND		4.9	0.98	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
1,4-Dichlorobenzene	ND		4.9	0.88	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
2-Butanone	ND		9.8	2.0	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
2-Hexanone	ND		9.8	2.5	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
4-Methyl-2-pentanone	ND		9.8	2.0	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Acetone	**15**	**J**	20	5.9	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Benzene	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Bromodichloromethane	ND		4.9	0.69	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Bromoform	ND		9.8	4.9	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Bromomethane	ND		4.9	0.98	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Carbon disulfide	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Carbon tetrachloride	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Chlorobenzene	ND		4.9	0.88	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Chloroethane	ND		4.9	0.98	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Chloroform	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Chloromethane	ND		4.9	0.98	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
cis-1,2-Dichloroethene	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
cis-1,3-Dichloropropene	ND		4.9	0.59	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Cyclohexane	ND		4.9	0.88	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Dibromochloromethane	ND		4.9	0.49	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Dichlorodifluoromethane	ND		4.9	0.98	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Ethylbenzene	ND		4.9	0.98	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Freon 113	ND		9.8	0.88	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Isopropylbenzene	ND		4.9	1.5	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Methyl acetate	ND		4.9	0.98	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Methyl tertiary butyl ether	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Methylcyclohexane	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Methylene Chloride	ND		4.9	2.0	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Styrene	ND		4.9	0.88	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Tetrachloroethene	ND		4.9	1.5	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Toluene	ND		4.9	0.98	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
trans-1,2-Dichloroethene	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
trans-1,3-Dichloropropene	ND		4.9	0.59	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Trichloroethene	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Trichlorofluoromethane	ND		4.9	0.98	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Vinyl chloride	ND		4.9	0.79	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1
Xylenes, Total	ND		9.8	0.69	ug/Kg	☼	10/22/24 17:02	10/23/24 19:41	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-110_4-5

Date Collected: 10/17/24 10:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-52

Matrix: Solid
Percent Solids: 81.8

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	10/22/24 17:02	10/23/24 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		54 - 135	10/22/24 17:02	10/23/24 19:41	1
Dibromofluoromethane (Surr)	102		50 - 141	10/22/24 17:02	10/23/24 19:41	1
4-Bromofluorobenzene (Surr)	92		50 - 131	10/22/24 17:02	10/23/24 19:41	1
Toluene-d8 (Surr)	98		52 - 141	10/22/24 17:02	10/23/24 19:41	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		400	14	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2,2'-oxybis[1-chloropropane]	ND		400	24	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2,4,5-Trichlorophenol	ND		400	41	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2,4,6-Trichlorophenol	ND		160	52	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2,4-Dichlorophenol	ND		160	26	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2,4-Dimethylphenol	ND	*+	400	48	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2,4-Dinitrophenol	ND		320	200	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2,4-Dinitrotoluene	ND		82	43	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2,6-Dinitrotoluene	ND		82	29	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2-Chloronaphthalene	ND		400	19	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2-Methylnaphthalene	ND		400	11	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2-Methylphenol	ND		400	15	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2-Nitroaniline	ND		400	31	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
2-Nitrophenol	ND		400	40	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
3,3'-Dichlorobenzidine	ND		160	61	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
3-Nitroaniline	ND		400	96	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
4-Chloro-3-methylphenol	ND		400	23	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
4-Chloroaniline	ND		400	72	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
4-Methylphenol	ND		400	25	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
4-Nitroaniline	ND		400	46	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
4-Nitrophenol	ND		820	66	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Acenaphthene	ND		400	11	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Acenaphthylene	ND		400	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Acetophenone	ND		400	20	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Anthracene	ND		400	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Atrazine	ND		160	24	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Benzaldehyde	ND		400	67	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Benzo[a]anthracene	ND		40	30	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Benzo[a]pyrene	ND		40	11	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Benzo[b]fluoranthene	ND		40	10	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Benzo[g,h,i]perylene	ND	*+	400	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Benzo[k]fluoranthene	ND		40	7.9	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Caprolactam	ND		400	63	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Carbazole	ND		400	15	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1

Client Sample ID: SB-110_4-5

Date Collected: 10/17/24 10:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-52

Matrix: Solid
Percent Solids: 81.8

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		400	17	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Di-n-butyl phthalate	**40**	**J**	400	15	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Di-n-octyl phthalate	ND		400	21	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Dibenz(a,h)anthracene	ND		40	17	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Dibenzofuran	ND		400	13	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Dimethyl phthalate	ND		400	92	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Fluoranthene	ND		400	14	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Fluorene	ND		400	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Hexachlorobutadiene	ND		82	8.6	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Hexachlorocyclopentadiene	ND	*+	400	35	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Hexachloroethane	ND		40	14	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Indeno[1,2,3-cd]pyrene	ND		40	16	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Isophorone	ND		160	120	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Naphthalene	ND		400	7.0	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Nitrobenzene	ND		40	22	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Pentachlorophenol	ND		320	83	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Phenanthrene	ND		400	16	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Phenol	ND		400	15	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Pyrene	ND		400	10	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Bis(2-chloroethoxy)methane	ND		400	31	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1
Bis(2-ethylhexyl) phthalate	ND		400	21	ug/Kg	☼	10/31/24 20:24	11/01/24 12:17	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/31/24 20:24*	*11/01/24 12:17*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*24 - 137*	*10/31/24 20:24*	*11/01/24 12:17*	*1*
2-Fluorophenol (Surr)	*89*		*31 - 133*	*10/31/24 20:24*	*11/01/24 12:17*	*1*
Nitrobenzene-d5 (Surr)	*90*		*31 - 120*	*10/31/24 20:24*	*11/01/24 12:17*	*1*
Phenol-d5 (Surr)	*91*		*35 - 132*	*10/31/24 20:24*	*11/01/24 12:17*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**20000**		84	42	mg/Kg	☼	10/27/24 19:16	11/01/24 20:17	10
Antimony	**0.13**	**J**	0.17	0.067	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2
Arsenic	**9.4**		0.34	0.11	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2
Barium	**46**		0.34	0.15	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2
Beryllium	**0.74**		0.084	0.020	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2
Cadmium	ND		0.084	0.034	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2
Chromium	**90**		0.34	0.16	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2
Cobalt	**2.2**		0.17	0.067	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2
Copper	**5.1**		0.34	0.15	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2
Lead	**11**		0.17	0.064	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2
Manganese	**25**		0.34	0.17	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2

Client Sample ID: SB-110_4-5

Lab Sample ID: 410-192708-52

Date Collected: 10/17/24 10:15
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 81.8

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**7.1**		0.34	0.16	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2
Silver	ND		0.084	0.034	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2
Thallium	**0.14**		0.084	0.033	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2
Zinc	**35**		25	3.4	mg/Kg	☼	10/27/24 19:16	11/01/24 20:15	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.068	0.023	mg/Kg	☼	10/29/24 23:20	10/31/24 07:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.61	0.22	mg/Kg	☼	10/30/24 18:45	10/31/24 20:28	1
Percent Moisture (EPA Moisture)	**18.2**		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: TB-03_20241017

Lab Sample ID: 410-192708-53

Date Collected: 10/17/24 00:00
Date Received: 10/18/24 15:58

Matrix: Water

Method: SW846 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	0.30	ug/L			10/27/24 21:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/27/24 21:46	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/27/24 21:46	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/27/24 21:46	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/27/24 21:46	1
1,2,4-Trichlorobenzene	ND	cn	5.0	0.30	ug/L			10/27/24 21:46	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			10/27/24 21:46	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			10/27/24 21:46	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			10/27/24 21:46	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/27/24 21:46	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/27/24 21:46	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			10/27/24 21:46	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			10/27/24 21:46	1
2-Butanone	ND		10	0.50	ug/L			10/27/24 21:46	1
2-Hexanone	ND		10	0.85	ug/L			10/27/24 21:46	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			10/27/24 21:46	1
Acetone	ND		20	0.70	ug/L			10/27/24 21:46	1
Benzene	ND		1.0	0.30	ug/L			10/27/24 21:46	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/27/24 21:46	1
Bromoform	ND		4.0	1.0	ug/L			10/27/24 21:46	1
Bromomethane	ND		1.0	0.30	ug/L			10/27/24 21:46	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/27/24 21:46	1
Carbon tetrachloride	ND	cn	1.0	0.30	ug/L			10/27/24 21:46	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/27/24 21:46	1
Chloroethane	ND		1.0	0.30	ug/L			10/27/24 21:46	1
Chloroform	ND		1.0	0.30	ug/L			10/27/24 21:46	1
Chloromethane	ND		2.0	0.55	ug/L			10/27/24 21:46	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/27/24 21:46	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/27/24 21:46	1
Cyclohexane	ND	cn	5.0	1.0	ug/L			10/27/24 21:46	1

Client Sample ID: TB-03_20241017

Lab Sample ID: 410-192708-53

Date Collected: 10/17/24 00:00
Matrix: Water
Date Received: 10/18/24 15:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.20	ug/L			10/27/24 21:46	1
Dichlorodifluoromethane	ND	cn	1.0	0.30	ug/L			10/27/24 21:46	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/27/24 21:46	1
Freon 113	ND	cn	10	0.30	ug/L			10/27/24 21:46	1
Isopropylbenzene	ND	cn	5.0	0.30	ug/L			10/27/24 21:46	1
Methyl acetate	ND		5.0	0.30	ug/L			10/27/24 21:46	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			10/27/24 21:46	1
Methylcyclohexane	ND	cn	5.0	0.50	ug/L			10/27/24 21:46	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/27/24 21:46	1
Styrene	ND		5.0	0.30	ug/L			10/27/24 21:46	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/27/24 21:46	1
Toluene	ND		1.0	0.30	ug/L			10/27/24 21:46	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/27/24 21:46	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/27/24 21:46	1
Trichloroethene	ND		1.0	0.30	ug/L			10/27/24 21:46	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			10/27/24 21:46	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/27/24 21:46	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/27/24 21:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/27/24 21:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 120*		*10/27/24 21:46*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*10/27/24 21:46*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 120*		*10/27/24 21:46*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/27/24 21:46*	*1*

Client Sample ID: SB-109_0-1

Lab Sample ID: 410-192708-54

Date Collected: 10/17/24 10:55
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 95.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2,2'-oxybis[1-chloropropane]	ND		340	21	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2,4,6-Trichlorophenol	ND		140	44	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2,4-Dimethylphenol	ND	*+	340	41	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2,4-Dinitrotoluene	ND		70	37	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2,6-Dinitrotoluene	ND		70	25	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2-Methylnaphthalene	ND		340	9.7	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2-Methylphenol	ND		340	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
2-Nitrophenol	ND		340	35	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1

Client Sample ID: SB-109_0-1

Date Collected: 10/17/24 10:55
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-54

Matrix: Solid
Percent Solids: 95.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		140	52	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
3-Nitroaniline	ND		340	82	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
4-Bromophenyl phenyl ether	ND		340	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
4-Chloroaniline	ND		340	61	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
4-Methylphenol	ND		340	22	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
4-Nitroaniline	ND		340	40	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
4-Nitrophenol	ND		700	56	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Acenaphthene	ND		340	9.9	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Acenaphthylene	ND		340	9.9	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Acetophenone	ND		340	17	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Anthracene	ND		340	11	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Atrazine	ND		140	20	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Benzaldehyde	ND		340	57	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Benzo[a]anthracene	ND		34	26	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Benzo[a]pyrene	**34**		34	9.2	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Benzo[b]fluoranthene	**38**		34	8.9	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Benzo[g,h,i]perylene	**22**	**J *+**	340	10	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Benzo[k]fluoranthene	**12**	**J**	34	6.8	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Caprolactam	ND		340	54	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Carbazole	ND		340	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Chrysene	**86**	**J**	340	15	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Di-n-butyl phthalate	**54**	**J**	340	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Dibenzofuran	ND		340	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Dimethyl phthalate	ND		340	79	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Fluoranthene	**28**	**J**	340	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Fluorene	ND		340	10	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Hexachlorobenzene	ND		34	16	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Hexachlorobutadiene	ND		70	7.4	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Hexachlorocyclopentadiene	ND	*+	340	30	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Hexachloroethane	ND		34	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Indeno[1,2,3-cd]pyrene	**14**	**J**	34	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Isophorone	ND		140	100	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Naphthalene	ND		340	6.0	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Nitrobenzene	ND		34	19	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Pentachlorophenol	ND		280	71	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Phenanthrene	**46**	**J**	340	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Phenol	ND		340	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Pyrene	**54**	**J**	340	8.6	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Bis(2-chloroethoxy)methane	ND		340	27	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1

Client Sample ID: SB-109_0-1

Lab Sample ID: 410-192708-54
Date Collected: 10/17/24 10:55
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 95.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	10/31/24 20:24	11/01/24 16:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/31/24 20:24*	*11/01/24 16:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*24 - 137*	*10/31/24 20:24*	*11/01/24 16:37*	*1*
2-Fluorophenol (Surr)	*93*		*31 - 133*	*10/31/24 20:24*	*11/01/24 16:37*	*1*
Nitrobenzene-d5 (Surr)	*90*		*31 - 120*	*10/31/24 20:24*	*11/01/24 16:37*	*1*
Phenol-d5 (Surr)	*96*		*35 - 132*	*10/31/24 20:24*	*11/01/24 16:37*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		14	7.1	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2
Antimony	**2.4**		0.14	0.058	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2
Arsenic	**3.3**		0.29	0.096	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2
Barium	**110**		0.29	0.13	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2
Beryllium	**1.3**		0.072	0.017	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2
Cadmium	**0.16**		0.072	0.029	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2
Chromium	**27**		0.29	0.14	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2
Cobalt	**2.6**		0.14	0.058	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2
Copper	**49**		0.29	0.13	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2
Lead	**490**	**^2**	0.72	0.27	mg/Kg	☼	10/27/24 19:16	11/01/24 20:43	10
Manganese	**840**		1.4	0.72	mg/Kg	☼	10/27/24 19:16	11/01/24 20:43	10
Nickel	**18**		0.29	0.14	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2
Silver	**0.19**		0.072	0.029	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2
Thallium	**0.030**	**J**	0.072	0.028	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2
Zinc	**55**		22	2.9	mg/Kg	☼	10/27/24 19:16	11/01/24 20:41	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.059	0.020	mg/Kg	☼	10/29/24 23:20	10/31/24 07:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.52	0.19	mg/Kg	☼	10/30/24 18:45	10/31/24 20:28	1
Percent Moisture (EPA Moisture)	**4.9**		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: SB-109_4-5

Lab Sample ID: 410-192708-55
Date Collected: 10/17/24 11:00
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 83.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
1,1,2,2-Tetrachloroethane	ND	*3 cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
1,1,2-Trichloroethane	ND	*3 cn	8.3	1.2	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
1,1-Dichloroethane	ND	cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
1,1-Dichloroethene	ND	cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1

Client Sample ID: SB-109_4-5

Date Collected: 10/17/24 11:00
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-55

Matrix: Solid
Percent Solids: 83.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	*3 cn	17	8.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
1,2-Dibromo-3-Chloropropane	ND	*3 cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
1,2-Dibromoethane	ND	*3 cn	8.3	1.2	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
1,2-Dichlorobenzene	ND	*3 cn	8.3	1.5	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
1,2-Dichloroethane	ND	cn	8.3	0.99	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
1,2-Dichloropropane	ND	cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
1,3-Dichlorobenzene	ND	*3 cn	8.3	1.7	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
1,4-Dichlorobenzene	ND	*3 cn	8.3	1.5	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
2-Butanone	**17**	**cn**	17	3.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
2-Hexanone	ND	*3 cn	17	4.1	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
4-Methyl-2-pentanone	ND	cn	17	3.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Acetone	**94**	**cn**	33	9.9	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Benzene	**18**	**cn**	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Bromodichloromethane	ND	cn	8.3	1.2	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Bromoform	ND	*3 cn	17	8.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Bromomethane	ND	cn	8.3	1.7	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Carbon disulfide	ND	cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Carbon tetrachloride	ND	cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Chlorobenzene	ND	*3 cn	8.3	1.5	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Chloroethane	ND	cn	8.3	1.7	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Chloroform	ND	cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Chloromethane	**18**	**cn**	8.3	1.7	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
cis-1,2-Dichloroethene	ND	cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
cis-1,3-Dichloropropene	ND	cn	8.3	0.99	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Cyclohexane	ND	cn	8.3	1.5	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Dibromochloromethane	ND	*3 cn	8.3	0.83	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Dichlorodifluoromethane	ND	cn	8.3	1.7	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Ethylbenzene	**2.9**	**J *3 cn**	8.3	1.7	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Freon 113	ND	cn	17	1.5	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Isopropylbenzene	ND	*3 cn	8.3	2.5	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Methyl acetate	ND	cn	8.3	1.7	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Methyl tertiary butyl ether	ND	cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Methylcyclohexane	ND	cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Methylene Chloride	ND	cn	8.3	3.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Styrene	ND	*3 cn	8.3	1.5	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Tetrachloroethene	**200**	***3 cn**	8.3	2.5	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Toluene	**14**	***3 cn**	8.3	1.7	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
trans-1,2-Dichloroethene	ND	cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
trans-1,3-Dichloropropene	ND	*3 cn	8.3	0.99	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Trichloroethene	**35**	**cn**	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Trichlorofluoromethane	ND	cn	8.3	1.7	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Vinyl chloride	ND	cn	8.3	1.3	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1
Xylenes, Total	ND	*3 cn	17	1.2	ug/Kg	☼	10/22/24 17:02	10/26/24 19:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*35*	*T J cn*	*ug/Kg*	☼	*2.38*	*N/A*	*10/22/24 17:02*	*10/26/24 19:40*	*1*
Unknown	*11*	*T J cn*	*ug/Kg*	☼	*2.62*	*N/A*	*10/22/24 17:02*	*10/26/24 19:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*	*cn*	*54 - 135*	*10/22/24 17:02*	*10/26/24 19:40*	*1*

Client Sample ID: SB-109_4-5

Date Collected: 10/17/24 11:00
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-55

Matrix: Solid
Percent Solids: 83.1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	109	cn	50 - 141	10/22/24 17:02	10/26/24 19:40	1
4-Bromofluorobenzene (Surr)	62	*3 cn	50 - 131	10/22/24 17:02	10/26/24 19:40	1
Toluene-d8 (Surr)	141	*3 cn	52 - 141	10/22/24 17:02	10/26/24 19:40	1

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	14	T J	ug/Kg	☼	2.57	N/A	10/22/24 17:02	10/24/24 15:47	1
Unknown	20	T J	ug/Kg	☼	2.65	N/A	10/22/24 17:02	10/24/24 15:47	1
Unknown	15	T J	ug/Kg	☼	2.83	N/A	10/22/24 17:02	10/24/24 15:47	1
Unknown	6.9	T J	ug/Kg	☼	3.16	N/A	10/22/24 17:02	10/24/24 15:47	1
m-Xylene & p-Xylene	3.9	J *3	ug/Kg	☼	11.21	179601-23-1	10/22/24 17:02	10/24/24 15:47	1
o-Xylene	1.9	J *3	ug/Kg	☼	11.55	95-47-6	10/22/24 17:02	10/24/24 15:47	1
Cyclotetrasiloxane, octamethyl-	69	T J N	ug/Kg	☼	12.03	556-67-2	10/22/24 17:02	10/24/24 15:47	1
Unknown	6.4	T J	ug/Kg	☼	12.34	N/A	10/22/24 17:02	10/24/24 15:47	1
Unknown	13	T J	ug/Kg	☼	13.36	N/A	10/22/24 17:02	10/24/24 15:47	1
Unknown	7.4	T J	ug/Kg	☼	14.58	N/A	10/22/24 17:02	10/24/24 15:47	1
Unknown	20	T J	ug/Kg	☼	15.19	N/A	10/22/24 17:02	10/24/24 15:47	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		400	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2,2'-oxybis[1-chloropropane]	ND		400	24	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2,4,5-Trichlorophenol	ND		400	40	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2,4,6-Trichlorophenol	ND		160	51	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2,4-Dimethylphenol	ND	*+	400	47	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2,4-Dinitrophenol	ND		320	190	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2,4-Dinitrotoluene	ND		80	43	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2,6-Dinitrotoluene	ND		80	29	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2-Chloronaphthalene	ND		400	18	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2-Methylnaphthalene	ND		400	11	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2-Methylphenol	ND		400	15	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
2-Nitrophenol	ND		400	40	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
3,3'-Dichlorobenzidine	ND		160	60	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
3-Nitroaniline	ND		400	94	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
4-Chloro-3-methylphenol	ND		400	22	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
4-Chloroaniline	ND		400	70	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
4-Methylphenol	ND		400	25	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
4-Nitroaniline	ND		400	46	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
4-Nitrophenol	ND		800	65	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Acenaphthene	ND		400	11	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Acenaphthylene	ND		400	11	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Acetophenone	ND		400	19	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1

Client Sample ID: SB-109_4-5

Date Collected: 10/17/24 11:00
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-55

Matrix: Solid
Percent Solids: 83.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		400	12	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Atrazine	ND		160	23	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Benzaldehyde	ND		400	66	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Benzo[a]anthracene	ND		40	30	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Benzo[a]pyrene	ND		40	11	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Benzo[b]fluoranthene	ND		40	10	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Benzo[g,h,i]perylene	ND	*+	400	12	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Benzo[k]fluoranthene	ND		40	7.8	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Caprolactam	ND		400	62	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Carbazole	ND		400	15	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Chrysene	ND		400	17	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Di-n-butyl phthalate	**45**	**J**	400	15	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Di-n-octyl phthalate	ND		400	21	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Dibenz(a,h)anthracene	ND		40	17	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Dibenzofuran	ND		400	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Dimethyl phthalate	ND		400	90	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Fluoranthene	ND		400	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Fluorene	ND		400	12	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Hexachlorobutadiene	ND		80	8.4	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Hexachlorocyclopentadiene	ND	*+	400	35	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Hexachloroethane	ND		40	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Indeno[1,2,3-cd]pyrene	ND		40	15	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Isophorone	ND		160	110	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Naphthalene	**10**	**J**	400	6.9	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Nitrobenzene	ND		40	22	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Pentachlorophenol	ND		320	81	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Phenanthrene	ND		400	16	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Phenol	ND		400	15	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Pyrene	ND		400	9.9	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Bis(2-chloroethoxy)methane	ND		400	31	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1
Bis(2-ethylhexyl) phthalate	**51**	**J**	400	21	ug/Kg	☼	10/31/24 20:24	11/01/24 13:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Heneicosane	*360*	*T J N*	*ug/Kg*	☼	*9.24*	*629-94-7*	*10/31/24 20:24*	*11/01/24 13:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*24 - 137*	*10/31/24 20:24*	*11/01/24 13:44*	*1*
2-Fluorophenol (Surr)	*67*		*31 - 133*	*10/31/24 20:24*	*11/01/24 13:44*	*1*
Nitrobenzene-d5 (Surr)	*68*		*31 - 120*	*10/31/24 20:24*	*11/01/24 13:44*	*1*
Phenol-d5 (Surr)	*72*		*35 - 132*	*10/31/24 20:24*	*11/01/24 13:44*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-109_4-5

Lab Sample ID: 410-192708-55
Date Collected: 10/17/24 11:00
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 83.1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5000		19	9.5	mg/Kg	☼	10/27/24 19:16	11/01/24 20:37	2
Antimony	29		0.19	0.077	mg/Kg	☼	10/27/24 19:16	11/01/24 20:37	2
Arsenic	71		0.38	0.13	mg/Kg	☼	10/27/24 19:16	11/01/24 20:37	2
Barium	600		1.9	0.88	mg/Kg	☼	10/27/24 19:16	11/01/24 20:39	10
Beryllium	0.11		0.096	0.023	mg/Kg	☼	10/27/24 19:16	11/01/24 20:37	2
Cadmium	2.2		0.096	0.038	mg/Kg	☼	10/27/24 19:16	11/01/24 20:37	2
Chromium	59		0.38	0.18	mg/Kg	☼	10/27/24 19:16	11/01/24 20:37	2
Cobalt	23		0.19	0.077	mg/Kg	☼	10/27/24 19:16	11/01/24 20:37	2
Copper	2000		19	8.7	mg/Kg	☼	10/27/24 19:16	11/01/24 21:15	100
Lead	2000	^2	9.6	3.7	mg/Kg	☼	10/27/24 19:16	11/01/24 21:15	100
Manganese	1800		1.9	0.96	mg/Kg	☼	10/27/24 19:16	11/01/24 20:39	10
Nickel	300		1.9	0.91	mg/Kg	☼	10/27/24 19:16	11/01/24 20:39	10
Silver	39		0.48	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 20:39	10
Thallium	0.061	J	0.096	0.038	mg/Kg	☼	10/27/24 19:16	11/01/24 20:37	2
Zinc	4000		1400	190	mg/Kg	☼	10/27/24 19:16	11/01/24 21:15	100

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.37		0.072	0.024	mg/Kg	☼	10/29/24 23:20	10/31/24 07:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.29	J	0.57	0.21	mg/Kg	☼	10/30/24 18:45	10/31/24 20:29	1
Percent Moisture (EPA Moisture)	16.9		1.0	1.0	%			10/24/24 11:06	1

Client Sample ID: SB-108_0-1

Lab Sample ID: 410-192708-56
Date Collected: 10/17/24 11:40
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 97.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	cn	1700	59	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2,2'-oxybis[1-chloropropane]	ND	cn	1700	100	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2,4,5-Trichlorophenol	ND	cn	1700	170	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2,4,6-Trichlorophenol	ND	cn	680	220	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2,4-Dichlorophenol	ND	cn	680	110	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2,4-Dimethylphenol	ND	*+ cn	1700	200	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2,4-Dinitrophenol	ND	cn	1400	830	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2,4-Dinitrotoluene	ND	cn	340	180	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2,6-Dinitrotoluene	ND	cn	340	120	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2-Chloronaphthalene	ND	cn	1700	78	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2-Chlorophenol	ND	cn	1700	60	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2-Methylnaphthalene	ND	cn	1700	47	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2-Methylphenol	ND	cn	1700	63	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2-Nitroaniline	ND	cn	1700	130	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
2-Nitrophenol	ND	cn	1700	170	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
3,3'-Dichlorobenzidine	ND	cn	680	260	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
3-Nitroaniline	ND	cn	1700	400	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
4,6-Dinitro-2-methylphenol	ND	cn	1400	690	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5

Client Sample ID: SB-108_0-1

Date Collected: 10/17/24 11:40
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-56

Matrix: Solid
Percent Solids: 97.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND	cn	1700	67	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
4-Chloro-3-methylphenol	ND	cn	1700	95	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
4-Chloroaniline	ND	cn	1700	300	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
4-Chlorophenyl phenyl ether	ND	cn	1700	60	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
4-Methylphenol	ND	cn	1700	110	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
4-Nitroaniline	ND	cn	1700	190	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
4-Nitrophenol	ND	cn	3400	280	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Acenaphthene	ND	cn	1700	48	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Acenaphthylene	ND	cn	1700	48	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Acetophenone	ND	cn	1700	83	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Anthracene	ND	cn	1700	52	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Atrazine	ND	cn	680	100	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Benzaldehyde	ND	cn	1700	280	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Benzo[a]anthracene	ND	cn	170	130	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Benzo[a]pyrene	**77**	**J cn**	170	45	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Benzo[b]fluoranthene	ND	cn	170	44	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Benzo[g,h,i]perylene	**210**	**J *+ cn**	1700	50	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Benzo[k]fluoranthene	ND	cn	170	33	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Butyl benzyl phthalate	ND	cn	1700	79	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Caprolactam	ND	cn	1700	260	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Carbazole	ND	cn	1700	64	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Chrysene	ND	cn	1700	71	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Di-n-butyl phthalate	ND	cn	1700	64	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Di-n-octyl phthalate	ND	cn	1700	90	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Dibenz(a,h)anthracene	ND	cn	170	73	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Dibenzofuran	ND	cn	1700	56	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Diethyl phthalate	ND	cn	1700	55	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Dimethyl phthalate	ND	cn	1700	380	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Fluoranthene	ND	cn	1700	59	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Fluorene	ND	cn	1700	50	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Hexachlorobenzene	ND	cn	170	80	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Hexachlorobutadiene	ND	cn	340	36	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Hexachlorocyclopentadiene	ND	*+ cn	1700	150	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Hexachloroethane	ND	cn	170	58	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Indeno[1,2,3-cd]pyrene	**130**	**J cn**	170	66	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Isophorone	ND	cn	680	490	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
N-Nitrosodi-n-propylamine	ND	cn	170	120	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
N-Nitrosodiphenylamine	ND	cn	1700	140	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Naphthalene	ND	cn	1700	29	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Nitrobenzene	ND	cn	170	94	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Pentachlorophenol	ND	cn	1400	350	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Phenanthrene	ND	cn	1700	69	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Phenol	ND	cn	1700	62	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Pyrene	ND	cn	1700	42	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Bis(2-chloroethoxy)methane	ND	cn	1700	130	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Bis(2-chloroethyl)ether	ND	cn	170	59	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5
Bis(2-ethylhexyl) phthalate	ND	cn	1700	90	ug/Kg	☼	10/31/24 20:24	11/01/24 17:30	5

Client Sample ID: SB-108_0-1

Lab Sample ID: 410-192708-56

Date Collected: 10/17/24 11:40
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 97.5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None	cn	ug/Kg	☼		N/A	10/31/24 20:24	11/01/24 17:30	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79	cn	24 - 137	10/31/24 20:24	11/01/24 17:30	5
2-Fluorophenol (Surr)	81	cn	31 - 133	10/31/24 20:24	11/01/24 17:30	5
Nitrobenzene-d5 (Surr)	81	cn	31 - 120	10/31/24 20:24	11/01/24 17:30	5
Phenol-d5 (Surr)	83	cn	35 - 132	10/31/24 20:24	11/01/24 17:30	5

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4100**		20	9.8	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Antimony	ND		0.20	0.079	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Arsenic	**2.9**		0.39	0.13	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Barium	**41**		0.39	0.18	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Beryllium	**0.17**		0.099	0.023	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Cadmium	ND		0.099	0.039	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Chromium	**120**		0.39	0.19	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Cobalt	**30**	**^2**	0.20	0.079	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Copper	**3.6**		0.39	0.18	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Lead	**3.7**		0.20	0.075	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Manganese	**270**		0.39	0.20	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Nickel	**670**		2.0	0.94	mg/Kg	☼	10/28/24 22:00	10/31/24 08:58	10
Silver	ND		0.099	0.040	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Thallium	**0.059**	**J**	0.099	0.039	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2
Zinc	**20**	**J**	30	3.9	mg/Kg	☼	10/28/24 22:00	10/31/24 08:56	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg	☼	10/28/24 23:00	10/30/24 08:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.52	0.19	mg/Kg	☼	10/30/24 18:45	10/31/24 20:31	1
Percent Moisture (EPA Moisture)	**2.5**		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: SB-108_4-5

Lab Sample ID: 410-192708-57

Date Collected: 10/17/24 11:45
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
1,1,2,2-Tetrachloroethane	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
1,1,2-Trichloroethane	ND		4.8	0.67	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
1,1-Dichloroethane	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
1,1-Dichloroethene	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
1,2,4-Trichlorobenzene	ND		9.6	4.8	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
1,2-Dibromo-3-Chloropropane	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
1,2-Dibromoethane	ND		4.8	0.67	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
1,2-Dichlorobenzene	ND		4.8	0.87	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
1,2-Dichloroethane	ND		4.8	0.58	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1

Client Sample ID: SB-108_4-5

Date Collected: 10/17/24 11:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-57

Matrix: Solid
Percent Solids: 96.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
1,3-Dichlorobenzene	ND		4.8	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
1,4-Dichlorobenzene	ND		4.8	0.87	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
2-Butanone	ND	cn	9.6	1.9	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
2-Hexanone	ND		9.6	2.4	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
4-Methyl-2-pentanone	ND		9.6	1.9	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Acetone	**6.8**	**J cn**	19	5.8	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Benzene	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Bromodichloromethane	ND		4.8	0.67	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Bromoform	ND		9.6	4.8	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Bromomethane	ND		4.8	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Carbon disulfide	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Carbon tetrachloride	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Chlorobenzene	ND		4.8	0.87	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Chloroethane	ND		4.8	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Chloroform	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Chloromethane	ND		4.8	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
cis-1,2-Dichloroethene	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
cis-1,3-Dichloropropene	ND		4.8	0.58	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Cyclohexane	ND		4.8	0.87	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Dibromochloromethane	ND		4.8	0.48	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Dichlorodifluoromethane	ND		4.8	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Ethylbenzene	ND		4.8	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Freon 113	ND		9.6	0.87	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Isopropylbenzene	ND		4.8	1.4	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Methyl acetate	ND		4.8	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Methyl tertiary butyl ether	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Methylcyclohexane	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Methylene Chloride	ND		4.8	1.9	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Styrene	ND		4.8	0.87	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Tetrachloroethene	ND		4.8	1.4	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Toluene	ND		4.8	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
trans-1,2-Dichloroethene	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
trans-1,3-Dichloropropene	ND		4.8	0.58	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Trichloroethene	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Trichlorofluoromethane	ND		4.8	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Vinyl chloride	ND		4.8	0.77	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1
Xylenes, Total	ND		9.6	0.67	ug/Kg	☼	10/22/24 17:02	10/24/24 16:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclotrisiloxane, hexamethyl-	*7.3*	*T J N B*	*ug/Kg*	☼	*9.98*	*541-05-9*	*10/22/24 17:02*	*10/24/24 16:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*	*10/22/24 17:02*	*10/24/24 16:10*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*10/22/24 17:02*	*10/24/24 16:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*	*10/22/24 17:02*	*10/24/24 16:10*	*1*
Toluene-d8 (Surr)	*98*		*52 - 141*	*10/22/24 17:02*	*10/24/24 16:10*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-108_4-5

Date Collected: 10/17/24 11:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-57

Matrix: Solid
Percent Solids: 96.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2,2'-oxybis[1-chloropropane]	ND		340	21	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2,4,6-Trichlorophenol	ND		140	44	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2,4-Dimethylphenol	ND	*+	340	41	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2,4-Dinitrotoluene	ND		69	37	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2,6-Dinitrotoluene	ND		69	25	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2-Methylnaphthalene	ND		340	9.6	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2-Methylphenol	ND		340	13	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
2-Nitrophenol	ND		340	34	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
3,3'-Dichlorobenzidine	ND		140	52	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
3-Nitroaniline	ND		340	81	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
4-Bromophenyl phenyl ether	ND		340	14	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
4-Chloroaniline	ND		340	61	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
4-Methylphenol	ND		340	21	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
4-Nitroaniline	ND		340	39	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
4-Nitrophenol	ND		690	56	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Acenaphthene	ND		340	9.8	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Acenaphthylene	ND		340	9.8	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Acetophenone	ND		340	17	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Anthracene	ND		340	10	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Atrazine	ND		140	20	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Benzaldehyde	ND		340	57	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Benzo[a]anthracene	ND		34	26	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Benzo[a]pyrene	ND		34	9.1	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Benzo[b]fluoranthene	ND		34	8.9	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Benzo[g,h,i]perylene	ND	*+	340	10	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Benzo[k]fluoranthene	ND		34	6.7	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Caprolactam	ND		340	53	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Carbazole	ND		340	13	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Chrysene	ND		340	14	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Di-n-butyl phthalate	**47**	**J**	340	13	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Dibenzofuran	ND		340	11	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Dimethyl phthalate	ND		340	78	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Fluoranthene	ND		340	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Fluorene	ND		340	10	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1

Client Sample ID: SB-108_4-5

Date Collected: 10/17/24 11:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-57

Matrix: Solid
Percent Solids: 96.1

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		34	16	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Hexachlorobutadiene	ND		69	7.3	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Hexachlorocyclopentadiene	ND	*+	340	30	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Hexachloroethane	ND		34	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Indeno[1,2,3-cd]pyrene	ND		34	13	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Isophorone	ND		140	99	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Naphthalene	ND		340	5.9	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Nitrobenzene	ND		34	19	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Pentachlorophenol	ND		280	70	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Phenanthrene	ND		340	14	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Phenol	ND		340	13	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Pyrene	ND		340	8.5	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Bis(2-chloroethoxy)methane	ND		340	27	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	10/31/24 20:24	11/01/24 12:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/31/24 20:24*	*11/01/24 12:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*24 - 137*	*10/31/24 20:24*	*11/01/24 12:34*	*1*
2-Fluorophenol (Surr)	*88*		*31 - 133*	*10/31/24 20:24*	*11/01/24 12:34*	*1*
Nitrobenzene-d5 (Surr)	*88*		*31 - 120*	*10/31/24 20:24*	*11/01/24 12:34*	*1*
Phenol-d5 (Surr)	*90*		*35 - 132*	*10/31/24 20:24*	*11/01/24 12:34*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**540**		18	9.0	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Antimony	ND		0.18	0.073	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Arsenic	**1.5**		0.37	0.12	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Barium	**3.9**		0.37	0.17	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Beryllium	**0.032**	**J**	0.091	0.022	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Cadmium	ND		0.091	0.037	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Chromium	**6.0**		0.37	0.17	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Cobalt	**0.11**	**J**	0.18	0.073	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Copper	**9.9**		0.37	0.16	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Lead	**1.2**	**^2**	0.18	0.069	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Manganese	**2.8**		0.37	0.18	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Nickel	**0.33**	**J**	0.37	0.17	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Silver	ND		0.091	0.037	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Thallium	ND		0.091	0.036	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2
Zinc	ND		27	3.7	mg/Kg	☼	10/27/24 19:16	11/01/24 21:32	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg	☼	10/28/24 23:00	10/30/24 08:49	1

Client Sample ID: SB-108_4-5

Lab Sample ID: 410-192708-57
Date Collected: 10/17/24 11:45
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 96.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.50	0.18	mg/Kg	☼	10/30/24 18:45	10/31/24 20:32	1
Percent Moisture (EPA Moisture)	**3.9**		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: SB-108_16-18

Lab Sample ID: 410-192708-58
Date Collected: 10/17/24 11:50
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 71.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	cn	2300	80	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2,2'-oxybis[1-chloropropane]	ND	cn	2300	140	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2,4,5-Trichlorophenol	ND	cn	2300	230	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2,4,6-Trichlorophenol	ND	cn	920	290	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2,4-Dichlorophenol	ND	cn	920	150	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2,4-Dimethylphenol	ND	*+ cn	2300	270	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2,4-Dinitrophenol	ND	cn	1800	1100	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2,4-Dinitrotoluene	ND	cn	470	250	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2,6-Dinitrotoluene	ND	cn	470	170	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2-Chloronaphthalene	ND	cn	2300	110	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2-Chlorophenol	ND	cn	2300	82	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2-Methylnaphthalene	ND	cn	2300	64	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2-Methylphenol	ND	cn	2300	86	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2-Nitroaniline	ND	cn	2300	180	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
2-Nitrophenol	ND	cn	2300	230	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
3,3'-Dichlorobenzidine	ND	cn	920	350	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
3-Nitroaniline	ND	cn	2300	540	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
4,6-Dinitro-2-methylphenol	ND	cn	1800	940	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
4-Bromophenyl phenyl ether	ND	cn	2300	91	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
4-Chloro-3-methylphenol	ND	cn	2300	130	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
4-Chloroaniline	ND	cn	2300	410	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
4-Chlorophenyl phenyl ether	ND	cn	2300	81	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
4-Methylphenol	ND	cn	2300	140	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
4-Nitroaniline	ND	cn	2300	260	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
4-Nitrophenol	ND	cn	4700	370	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Acenaphthene	ND	cn	2300	65	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Acenaphthylene	ND	cn	2300	66	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Acetophenone	ND	cn	2300	110	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Anthracene	ND	cn	2300	70	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Atrazine	ND	cn	920	140	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Benzaldehyde	ND	cn	2300	380	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Benzo[a]anthracene	ND	cn	230	170	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Benzo[a]pyrene	**130**	**J cn**	230	61	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Benzo[b]fluoranthene	**110**	**J cn**	230	59	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Benzo[g,h,i]perylene	**210**	**J *+ cn**	2300	68	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Benzo[k]fluoranthene	ND	cn	230	45	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Butyl benzyl phthalate	ND	cn	2300	110	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Caprolactam	ND	cn	2300	360	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Carbazole	ND	cn	2300	87	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Chrysene	ND	cn	2300	96	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5

Client Sample ID: SB-108_16-18

Date Collected: 10/17/24 11:50
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-58

Matrix: Solid
Percent Solids: 71.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND	cn	2300	86	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Di-n-octyl phthalate	ND	cn	2300	120	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Dibenz(a,h)anthracene	ND	cn	230	99	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Dibenzofuran	ND	cn	2300	77	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Diethyl phthalate	ND	cn	2300	74	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Dimethyl phthalate	ND	cn	2300	520	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Fluoranthene	ND	cn	2300	80	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Fluorene	ND	cn	2300	67	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Hexachlorobenzene	ND	cn	230	110	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Hexachlorobutadiene	ND	cn	470	49	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Hexachlorocyclopentadiene	ND	*+ cn	2300	200	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Hexachloroethane	ND	cn	230	79	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Indeno[1,2,3-cd]pyrene	ND	cn	230	90	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Isophorone	ND	cn	920	660	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
N-Nitrosodi-n-propylamine	ND	cn	230	170	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
N-Nitrosodiphenylamine	ND	cn	2300	190	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Naphthalene	**57**	**J cn**	2300	40	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Nitrobenzene	ND	cn	230	130	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Pentachlorophenol	ND	cn	1800	470	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Phenanthrene	ND	cn	2300	94	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Phenol	ND	cn	2300	84	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Pyrene	**110**	**J cn**	2300	57	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Bis(2-chloroethoxy)methane	ND	cn	2300	180	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Bis(2-chloroethyl)ether	ND	cn	230	80	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5
Bis(2-ethylhexyl) phthalate	ND	cn	2300	120	ug/Kg	☼	10/31/24 20:24	11/01/24 18:04	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*cn*	*ug/Kg*	☼		*N/A*	*10/31/24 20:24*	*11/01/24 18:04*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*	*cn*	*24 - 137*	*10/31/24 20:24*	*11/01/24 18:04*	*5*
2-Fluorophenol (Surr)	*57*	*cn*	*31 - 133*	*10/31/24 20:24*	*11/01/24 18:04*	*5*
Nitrobenzene-d5 (Surr)	*58*	*cn*	*31 - 120*	*10/31/24 20:24*	*11/01/24 18:04*	*5*
Phenol-d5 (Surr)	*58*	*cn*	*35 - 132*	*10/31/24 20:24*	*11/01/24 18:04*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6000**		22	11	mg/Kg	☼	10/29/24 06:30	11/07/24 20:23	2
Antimony	**5.9**		0.22	0.087	mg/Kg	☼	10/29/24 06:30	11/07/24 20:23	2
Arsenic	**76**		0.43	0.14	mg/Kg	☼	10/29/24 06:30	11/07/24 20:23	2
Barium	**260**		2.2	0.99	mg/Kg	☼	10/29/24 06:30	11/07/24 20:25	10
Beryllium	**0.69**		0.11	0.026	mg/Kg	☼	10/29/24 06:30	11/07/24 20:23	2
Cadmium	**4.9**		0.11	0.043	mg/Kg	☼	10/29/24 06:30	11/07/24 20:23	2
Chromium	**35**		0.43	0.21	mg/Kg	☼	10/29/24 06:30	11/07/24 20:23	2
Cobalt	**4.6**		0.22	0.087	mg/Kg	☼	10/29/24 06:30	11/07/24 20:23	2
Copper	**330**		2.2	0.97	mg/Kg	☼	10/29/24 06:30	11/07/24 20:25	10
Lead	**1000**		1.1	0.41	mg/Kg	☼	10/29/24 06:30	11/07/24 20:25	10
Manganese	**220**		0.43	0.22	mg/Kg	☼	10/29/24 06:30	11/07/24 20:23	2
Nickel	**23**	**^2**	0.43	0.21	mg/Kg	☼	10/29/24 06:30	11/07/24 20:23	2

Client Sample ID: SB-108_16-18

Lab Sample ID: 410-192708-58
Date Collected: 10/17/24 11:50
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 71.7

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.88		0.11	0.044	mg/Kg	☼	10/29/24 06:30	11/07/24 20:23	2
Thallium	1.3		0.11	0.042	mg/Kg	☼	10/29/24 06:30	11/07/24 20:23	2
Zinc	1100		160	22	mg/Kg	☼	10/29/24 06:30	11/07/24 20:25	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	10		1.9	0.64	mg/Kg	☼	10/28/24 23:00	10/30/24 10:26	25

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.63	0.23	mg/Kg	☼	10/30/24 18:45	10/31/24 20:33	1
Percent Moisture (EPA Moisture)	28.3		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: SB-111_0-1

Lab Sample ID: 410-192708-59
Date Collected: 10/17/24 13:40
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 91.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2,2'-oxybis[1-chloropropane]	ND		360	22	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2,4,6-Trichlorophenol	ND		150	46	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2,4-Dimethylphenol	ND	*+	360	43	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2,4-Dinitrotoluene	ND		73	39	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2,6-Dinitrotoluene	ND		73	26	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2-Methylphenol	ND		360	14	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2-Nitroaniline	ND		360	28	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
3-Nitroaniline	ND		360	86	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
4-Chloroaniline	ND		360	64	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
4-Methylphenol	ND		360	23	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
4-Nitroaniline	ND		360	42	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
4-Nitrophenol	ND		730	59	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Acenaphthene	ND		360	10	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Acenaphthylene	ND		360	10	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Acetophenone	ND		360	18	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Anthracene	ND		360	11	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Atrazine	ND		150	21	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1

Client Sample ID: SB-111_0-1
Date Collected: 10/17/24 13:40
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-59
Matrix: Solid
Percent Solids: 91.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		360	60	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Benzo[a]anthracene	ND		36	27	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Benzo[a]pyrene	**11**	**J**	36	9.6	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Benzo[b]fluoranthene	**13**	**J**	36	9.4	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Benzo[g,h,i]perylene	**13**	**J *+**	360	11	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Benzo[k]fluoranthene	ND		36	7.1	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Caprolactam	ND		360	56	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Carbazole	ND		360	14	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Chrysene	ND		360	15	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Di-n-butyl phthalate	**19**	**J**	360	14	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Dibenzofuran	ND		360	12	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Dimethyl phthalate	ND		360	82	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Fluoranthene	ND		360	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Fluorene	ND		360	11	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Hexachlorobutadiene	ND		73	7.7	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Hexachlorocyclopentadiene	ND	*+	360	32	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Hexachloroethane	ND		36	12	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Indeno[1,2,3-cd]pyrene	ND		36	14	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Isophorone	ND		150	100	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Naphthalene	ND		360	6.3	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Nitrobenzene	ND		36	20	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Pentachlorophenol	ND		290	74	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Phenanthrene	ND		360	15	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Phenol	ND		360	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Pyrene	ND		360	9.0	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	10/31/24 20:24	11/01/24 15:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/31/24 20:24*	*11/01/24 15:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*24 - 137*	*10/31/24 20:24*	*11/01/24 15:28*	*1*
2-Fluorophenol (Surr)	*93*		*31 - 133*	*10/31/24 20:24*	*11/01/24 15:28*	*1*
Nitrobenzene-d5 (Surr)	*93*		*31 - 120*	*10/31/24 20:24*	*11/01/24 15:28*	*1*
Phenol-d5 (Surr)	*94*		*35 - 132*	*10/31/24 20:24*	*11/01/24 15:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		19	5.8	ug/Kg	☼	10/24/24 15:55	10/25/24 22:44	1
PCB-1221 (2C)	ND		19	5.8	ug/Kg	☼	10/24/24 15:55	10/25/24 22:44	1

Client Sample ID: SB-111_0-1

Lab Sample ID: 410-192708-59

Date Collected: 10/17/24 13:40
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 91.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232 (2C)	ND		19	5.8	ug/Kg	☼	10/24/24 15:55	10/25/24 22:44	1
PCB-1242 (2C)	ND		19	5.8	ug/Kg	☼	10/24/24 15:55	10/25/24 22:44	1
PCB-1248 (2C)	ND		19	5.8	ug/Kg	☼	10/24/24 15:55	10/25/24 22:44	1
PCB-1254 (2C)	ND		19	7.0	ug/Kg	☼	10/24/24 15:55	10/25/24 22:44	1
PCB-1260 (2C)	**9.3**	**J**	19	7.0	ug/Kg	☼	10/24/24 15:55	10/25/24 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*123*	*cn*	*66 - 130*	*10/24/24 15:55*	*10/25/24 22:44*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*139*	*S1+ cn*	*66 - 130*	*10/24/24 15:55*	*10/25/24 22:44*	*1*
Tetrachloro-m-xylene (1C)	*80*		*68 - 130*	*10/24/24 15:55*	*10/25/24 22:44*	*1*
Tetrachloro-m-xylene (2C)	*97*		*68 - 130*	*10/24/24 15:55*	*10/25/24 22:44*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13000**		21	11	mg/Kg	☼	10/27/24 19:16	11/01/24 21:07	2
Antimony	**3.9**		0.21	0.085	mg/Kg	☼	10/27/24 19:16	11/01/24 21:07	2
Arsenic	**19**		0.43	0.14	mg/Kg	☼	10/27/24 19:16	11/01/24 21:07	2
Barium	**240**		2.1	0.97	mg/Kg	☼	10/27/24 19:16	11/01/24 21:09	10
Beryllium	**0.31**		0.11	0.025	mg/Kg	☼	10/27/24 19:16	11/01/24 21:07	2
Cadmium	**1.0**		0.11	0.043	mg/Kg	☼	10/27/24 19:16	11/01/24 21:07	2
Chromium	**46**		0.43	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 21:07	2
Cobalt	**21**		0.21	0.085	mg/Kg	☼	10/27/24 19:16	11/01/24 21:07	2
Copper	**140**		0.43	0.19	mg/Kg	☼	10/27/24 19:16	11/01/24 21:07	2
Lead	**530**	**^2**	1.1	0.40	mg/Kg	☼	10/27/24 19:16	11/01/24 21:09	10
Manganese	**650**		0.43	0.21	mg/Kg	☼	10/27/24 19:16	11/01/24 21:07	2
Nickel	**190**		0.43	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 21:07	2
Silver	**0.56**		0.11	0.043	mg/Kg	☼	10/27/24 19:16	11/01/24 21:07	2
Thallium	**0.094**	**J**	0.11	0.042	mg/Kg	☼	10/27/24 19:16	11/01/24 21:07	2
Zinc	**530**		160	21	mg/Kg	☼	10/27/24 19:16	11/01/24 21:09	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**		0.064	0.021	mg/Kg	☼	10/28/24 23:00	10/30/24 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.50	0.18	mg/Kg	☼	10/30/24 18:45	10/31/24 20:35	1
Percent Moisture (EPA Moisture)	**8.7**		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: SB-111_4-5

Lab Sample ID: 410-192708-60

Date Collected: 10/17/24 13:45
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
1,1,2,2-Tetrachloroethane	ND	*3 F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
1,1,2-Trichloroethane	ND	*3 F1 cn	5.8	0.81	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
1,1-Dichloroethane	ND	F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
1,1-Dichloroethene	ND	F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
1,2,4-Trichlorobenzene	ND	*3 F1 cn	12	5.8	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1

Client Sample ID: SB-111_4-5

Date Collected: 10/17/24 13:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-60

Matrix: Solid
Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND	*3 F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
1,2-Dibromoethane	ND	*3 F1 cn	5.8	0.81	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
1,2-Dichlorobenzene	ND	*3 F1 cn	5.8	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
1,2-Dichloroethane	ND	F1 cn	5.8	0.69	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
1,2-Dichloropropane	ND	F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
1,3-Dichlorobenzene	ND	*3 F1 cn	5.8	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
1,4-Dichlorobenzene	ND	*3 F1 cn	5.8	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
2-Butanone	ND	*3 F1 cn	12	2.3	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
2-Hexanone	ND	*3 F1 cn	12	2.9	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
4-Methyl-2-pentanone	ND	F1 cn	12	2.3	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Acetone	**50**	***3 F1 cn**	23	6.9	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Benzene	**16**	**F1 cn**	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Bromodichloromethane	ND	F1 cn	5.8	0.81	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Bromoform	ND	*3 F1 cn	12	5.8	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Bromomethane	ND	F1 cn	5.8	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Carbon disulfide	**2.5**	**J F1 cn**	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Carbon tetrachloride	ND	F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Chlorobenzene	ND	*3 F1 cn	5.8	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Chloroethane	ND	F1 cn	5.8	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Chloroform	ND	F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Chloromethane	**1.9**	**J F1 cn**	5.8	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
cis-1,2-Dichloroethene	ND	F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
cis-1,3-Dichloropropene	ND	F1 cn	5.8	0.69	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Cyclohexane	ND	F1 cn	5.8	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Dibromochloromethane	ND	*3 F1 cn	5.8	0.58	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Dichlorodifluoromethane	ND	F1 cn	5.8	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Ethylbenzene	**1.5**	**J *3 F1 cn**	5.8	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Freon 113	ND	F1 cn	12	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Isopropylbenzene	ND	*3 F1 cn	5.8	1.7	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Methyl acetate	ND	*3 F1 cn	5.8	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Methyl tertiary butyl ether	ND	F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Methylcyclohexane	ND	F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Methylene Chloride	ND	F1 cn	5.8	2.3	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Styrene	ND	*3 F1 cn	5.8	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Tetrachloroethene	**31**	***3 F1 cn**	5.8	1.7	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Toluene	**9.3**	***3 F1 cn**	5.8	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
trans-1,2-Dichloroethene	ND	F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
trans-1,3-Dichloropropene	ND	*3 F1 cn	5.8	0.69	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Trichloroethene	ND	F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Trichlorofluoromethane	ND	F1 cn	5.8	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Vinyl chloride	ND	F1 cn	5.8	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1
Xylenes, Total	ND	*3 F1 cn	12	0.81	ug/Kg	☼	10/22/24 17:02	10/24/24 14:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclotrisiloxane, hexamethyl-	*30*	*T J N B cn*	*ug/Kg*	☼	*9.98*	*541-05-9*	*10/22/24 17:02*	*10/24/24 14:39*	*1*
Cyclotetrasiloxane, octamethyl-	*54*	*T J N B cn*	*ug/Kg*	☼	*12.03*	*556-67-2*	*10/22/24 17:02*	*10/24/24 14:39*	*1*
Unknown	*9.6*	*T J cn*	*ug/Kg*	☼	*13.36*	*N/A*	*10/22/24 17:02*	*10/24/24 14:39*	*1*
Unknown	*17*	*T J cn*	*ug/Kg*	☼	*15.19*	*N/A*	*10/22/24 17:02*	*10/24/24 14:39*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-111_4-5

Date Collected: 10/17/24 13:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-60

Matrix: Solid
Percent Solids: 85.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*	*cn*	*54 - 135*	*10/22/24 17:02*	*10/24/24 14:39*	*1*
Dibromofluoromethane (Surr)	*102*	*cn*	*50 - 141*	*10/22/24 17:02*	*10/24/24 14:39*	*1*
4-Bromofluorobenzene (Surr)	*81*	**3 cn*	*50 - 131*	*10/22/24 17:02*	*10/24/24 14:39*	*1*
Toluene-d8 (Surr)	*111*	**3 cn*	*52 - 141*	*10/22/24 17:02*	*10/24/24 14:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2,2'-oxybis[1-chloropropane]	ND		380	23	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2,4,5-Trichlorophenol	ND		380	39	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2,4,6-Trichlorophenol	ND		150	49	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2,4-Dichlorophenol	ND		150	25	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2,4-Dimethylphenol	ND	*+	380	46	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2,4-Dinitrophenol	ND		310	190	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2,4-Dinitrotoluene	ND		78	41	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2,6-Dinitrotoluene	ND		78	28	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2-Chloronaphthalene	ND		380	18	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2-Chlorophenol	ND		380	14	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2-Methylnaphthalene	ND		380	11	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2-Methylphenol	ND		380	14	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
2-Nitrophenol	ND		380	39	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
3,3'-Dichlorobenzidine	ND		150	58	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
3-Nitroaniline	ND		380	91	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
4-Chloro-3-methylphenol	ND		380	22	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
4-Chloroaniline	ND		380	68	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
4-Chlorophenyl phenyl ether	ND		380	14	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
4-Methylphenol	ND		380	24	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
4-Nitroaniline	ND		380	44	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
4-Nitrophenol	ND		780	63	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Acenaphthene	**18**	**J**	380	11	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Acenaphthylene	**58**	**J**	380	11	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Acetophenone	ND		380	19	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Anthracene	**130**	**J**	380	12	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Atrazine	ND	F1	150	23	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Benzaldehyde	ND		380	64	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Benzo[a]anthracene	**680**		38	29	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Benzo[a]pyrene	**630**		38	10	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Benzo[b]fluoranthene	**870**		38	10	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Benzo[g,h,i]perylene	**440**	***+**	380	11	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Benzo[k]fluoranthene	**330**		38	7.6	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Caprolactam	ND		380	60	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Carbazole	**17**	**J**	380	15	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Chrysene	**600**		380	16	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Di-n-butyl phthalate	**29**	**J**	380	15	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Di-n-octyl phthalate	ND		380	20	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1

Client Sample ID: SB-111_4-5

Date Collected: 10/17/24 13:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-60

Matrix: Solid
Percent Solids: 85.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	**120**		38	17	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Dibenzofuran	**16**	**J**	380	13	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Dimethyl phthalate	ND		380	88	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Fluoranthene	**990**		380	13	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Fluorene	**28**	**J**	380	11	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Hexachlorobutadiene	ND		78	8.2	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Hexachlorocyclopentadiene	ND	F1 *+	380	34	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Hexachloroethane	ND		38	13	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Indeno[1,2,3-cd]pyrene	**460**		38	15	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Isophorone	ND		150	110	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
N-Nitrosodi-n-propylamine	ND		38	28	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
N-Nitrosodiphenylamine	ND		380	32	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Naphthalene	**8.6**	**J**	380	6.7	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Nitrobenzene	ND		38	21	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Pentachlorophenol	ND		310	79	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Phenanthrene	**420**		380	16	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Phenol	ND		380	14	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Pyrene	**1000**		380	9.6	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Bis(2-chloroethoxy)methane	ND		380	30	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	10/31/24 20:24	11/01/24 14:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzo[e]pyrene	*420*	*T J N*	*ug/Kg*	☼	*9.93*	*192-97-2*	*10/31/24 20:24*	*11/01/24 14:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*24 - 137*	*10/31/24 20:24*	*11/01/24 14:36*	*1*
2-Fluorophenol (Surr)	*92*		*31 - 133*	*10/31/24 20:24*	*11/01/24 14:36*	*1*
Nitrobenzene-d5 (Surr)	*91*		*31 - 120*	*10/31/24 20:24*	*11/01/24 14:36*	*1*
Phenol-d5 (Surr)	*96*		*35 - 132*	*10/31/24 20:24*	*11/01/24 14:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND	cn	20	6.2	ug/Kg	☼	10/24/24 15:55	10/25/24 22:33	1
PCB-1221 (2C)	ND	cn	20	6.2	ug/Kg	☼	10/24/24 15:55	10/25/24 22:33	1
PCB-1232 (2C)	ND	cn	20	6.2	ug/Kg	☼	10/24/24 15:55	10/25/24 22:33	1
PCB-1242 (2C)	ND	cn	20	6.2	ug/Kg	☼	10/24/24 15:55	10/25/24 22:33	1
PCB-1248 (2C)	ND	cn	20	6.2	ug/Kg	☼	10/24/24 15:55	10/25/24 22:33	1
PCB-1254 (2C)	ND	cn	20	7.4	ug/Kg	☼	10/24/24 15:55	10/25/24 22:33	1
PCB-1260 (2C)	**13**	**J p cn**	20	7.4	ug/Kg	☼	10/24/24 15:55	10/25/24 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*165*	*S1+ cn*	*66 - 130*	*10/24/24 15:55*	*10/25/24 22:33*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*203*	*S1+ cn*	*66 - 130*	*10/24/24 15:55*	*10/25/24 22:33*	*1*
Tetrachloro-m-xylene (1C)	*83*	*cn*	*68 - 130*	*10/24/24 15:55*	*10/25/24 22:33*	*1*
Tetrachloro-m-xylene (2C)	*95*	*cn*	*68 - 130*	*10/24/24 15:55*	*10/25/24 22:33*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-111_4-5

Lab Sample ID: 410-192708-60
Date Collected: 10/17/24 13:45
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 85.4

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6400		21	10	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Antimony	1.3	F2 F1	0.21	0.084	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Arsenic	5.7		0.42	0.14	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Barium	110	F2 F1	0.42	0.19	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Beryllium	0.49		0.11	0.025	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Cadmium	0.58		0.11	0.042	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Chromium	33	F2 F1	0.42	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Cobalt	5.2		0.21	0.084	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Copper	68	F2 F1	0.42	0.19	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Lead	170	F2	0.21	0.080	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Manganese	160	F2 F1	0.42	0.21	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Nickel	21	F2 F1	0.42	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Silver	0.39	F2	0.11	0.043	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Thallium	0.10	J	0.11	0.041	mg/Kg	☼	10/27/24 19:16	11/01/24 19:15	2
Zinc	200	F2 F1	160	21	mg/Kg	☼	10/27/24 19:16	11/01/24 19:17	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.64	F2 F1	0.065	0.022	mg/Kg	☼	10/28/24 23:00	11/01/24 08:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.58	0.21	mg/Kg	☼	10/30/24 15:45	10/30/24 20:05	1
Percent Moisture (EPA Moisture)	14.6		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: FB-02_20241017

Lab Sample ID: 410-192708-61
Date Collected: 10/17/24 12:45
Matrix: Water
Date Received: 10/18/24 15:58

Method: SW846 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	0.30	ug/L			10/27/24 23:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/27/24 23:25	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/27/24 23:25	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/27/24 23:25	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/27/24 23:25	1
1,2,4-Trichlorobenzene	ND	cn	5.0	0.30	ug/L			10/27/24 23:25	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			10/27/24 23:25	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			10/27/24 23:25	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			10/27/24 23:25	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/27/24 23:25	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/27/24 23:25	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			10/27/24 23:25	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			10/27/24 23:25	1
2-Butanone	ND		10	0.50	ug/L			10/27/24 23:25	1
2-Hexanone	ND		10	0.85	ug/L			10/27/24 23:25	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			10/27/24 23:25	1
Acetone	ND		20	0.70	ug/L			10/27/24 23:25	1
Benzene	ND		1.0	0.30	ug/L			10/27/24 23:25	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/27/24 23:25	1

Client Sample ID: FB-02_20241017

Lab Sample ID: 410-192708-61

Date Collected: 10/17/24 12:45

Matrix: Water

Date Received: 10/18/24 15:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		4.0	1.0	ug/L			10/27/24 23:25	1
Bromomethane	ND		1.0	0.30	ug/L			10/27/24 23:25	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/27/24 23:25	1
Carbon tetrachloride	ND	cn	1.0	0.30	ug/L			10/27/24 23:25	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/27/24 23:25	1
Chloroethane	ND		1.0	0.30	ug/L			10/27/24 23:25	1
Chloroform	ND		1.0	0.30	ug/L			10/27/24 23:25	1
Chloromethane	ND		2.0	0.55	ug/L			10/27/24 23:25	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/27/24 23:25	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/27/24 23:25	1
Cyclohexane	ND	cn	5.0	1.0	ug/L			10/27/24 23:25	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/27/24 23:25	1
Dichlorodifluoromethane	ND	cn	1.0	0.30	ug/L			10/27/24 23:25	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/27/24 23:25	1
Freon 113	ND	cn	10	0.30	ug/L			10/27/24 23:25	1
Isopropylbenzene	ND	cn	5.0	0.30	ug/L			10/27/24 23:25	1
Methyl acetate	ND		5.0	0.30	ug/L			10/27/24 23:25	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			10/27/24 23:25	1
Methylcyclohexane	ND	cn	5.0	0.50	ug/L			10/27/24 23:25	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/27/24 23:25	1
Styrene	ND		5.0	0.30	ug/L			10/27/24 23:25	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/27/24 23:25	1
Toluene	ND		1.0	0.30	ug/L			10/27/24 23:25	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/27/24 23:25	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/27/24 23:25	1
Trichloroethene	ND		1.0	0.30	ug/L			10/27/24 23:25	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			10/27/24 23:25	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/27/24 23:25	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/27/24 23:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/27/24 23:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 120*		*10/27/24 23:25*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/27/24 23:25*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*10/27/24 23:25*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/27/24 23:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
2,2'-oxybis[1-chloropropane]	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
2,4,5-Trichlorophenol	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
2,4,6-Trichlorophenol	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
2,4-Dichlorophenol	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
2,4-Dimethylphenol	ND		10	3.1	ug/L		10/22/24 15:21	10/24/24 06:50	1
2,4-Dinitrophenol	ND	*+ cn	31	15	ug/L		10/22/24 15:21	10/24/24 06:50	1
2,4-Dinitrotoluene	ND	cn	5.2	1.0	ug/L		10/22/24 15:21	10/24/24 06:50	1
2,6-Dinitrotoluene	ND	cn	2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1

Client Sample ID: FB-02_20241017

Lab Sample ID: 410-192708-61

Date Collected: 10/17/24 12:45

Matrix: Water

Date Received: 10/18/24 15:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		1.0	0.41	ug/L		10/22/24 15:21	10/24/24 06:50	1
2-Chlorophenol	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
2-Methylnaphthalene	ND		0.52	0.10	ug/L		10/22/24 15:21	10/24/24 06:50	1
2-Methylphenol	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
2-Nitroaniline	ND	cn	5.2	1.0	ug/L		10/22/24 15:21	10/24/24 06:50	1
2-Nitrophenol	ND		5.2	1.0	ug/L		10/22/24 15:21	10/24/24 06:50	1
3,3'-Dichlorobenzidine	ND		10	4.1	ug/L		10/22/24 15:21	10/24/24 06:50	1
3-Nitroaniline	ND	cn	5.2	2.1	ug/L		10/22/24 15:21	10/24/24 06:50	1
4,6-Dinitro-2-methylphenol	ND	cn	22	8.3	ug/L		10/22/24 15:21	10/24/24 06:50	1
4-Bromophenyl phenyl ether	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
4-Chloro-3-methylphenol	ND		5.2	1.0	ug/L		10/22/24 15:21	10/24/24 06:50	1
4-Chloroaniline	ND		10	4.1	ug/L		10/22/24 15:21	10/24/24 06:50	1
4-Chlorophenyl phenyl ether	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
4-Methylphenol	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
4-Nitroaniline	ND	cn	3.1	0.93	ug/L		10/22/24 15:21	10/24/24 06:50	1
4-Nitrophenol	ND		31	10	ug/L		10/22/24 15:21	10/24/24 06:50	1
Acenaphthene	ND		0.52	0.10	ug/L		10/22/24 15:21	10/24/24 06:50	1
Acenaphthylene	ND		0.52	0.10	ug/L		10/22/24 15:21	10/24/24 06:50	1
Acetophenone	ND		5.2	1.0	ug/L		10/22/24 15:21	10/24/24 06:50	1
Anthracene	ND		0.52	0.10	ug/L		10/22/24 15:21	10/24/24 06:50	1
Atrazine	ND		5.2	1.0	ug/L		10/22/24 15:21	10/24/24 06:50	1
Benzaldehyde	ND		5.2	1.0	ug/L		10/22/24 15:21	10/24/24 06:50	1
Benzo[a]anthracene	ND		0.52	0.10	ug/L		10/22/24 15:21	10/24/24 06:50	1
Benzo[a]pyrene	ND		0.52	0.11	ug/L		10/22/24 15:21	10/24/24 06:50	1
Benzo[b]fluoranthene	ND		0.52	0.10	ug/L		10/22/24 15:21	10/24/24 06:50	1
Benzo[g,h,i]perylene	ND		0.52	0.10	ug/L		10/22/24 15:21	10/24/24 06:50	1
Benzo[k]fluoranthene	ND		0.52	0.10	ug/L		10/22/24 15:21	10/24/24 06:50	1
Bis(2-chloroethoxy)methane	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
Bis(2-chloroethyl)ether	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
Bis(2-ethylhexyl) phthalate	ND		5.2	2.1	ug/L		10/22/24 15:21	10/24/24 06:50	1
Butyl benzyl phthalate	ND		5.2	2.1	ug/L		10/22/24 15:21	10/24/24 06:50	1
Caprolactam	ND		7.3	3.1	ug/L		10/22/24 15:21	10/24/24 06:50	1
Carbazole	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
Chrysene	ND		0.52	0.10	ug/L		10/22/24 15:21	10/24/24 06:50	1
Di-n-butyl phthalate	ND		5.2	2.1	ug/L		10/22/24 15:21	10/24/24 06:50	1
Di-n-octyl phthalate	ND		11	5.2	ug/L		10/22/24 15:21	10/24/24 06:50	1
Dibenz(a,h)anthracene	ND		0.52	0.10	ug/L		10/22/24 15:21	10/24/24 06:50	1
Dibenzofuran	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
Diethyl phthalate	ND		5.2	2.1	ug/L		10/22/24 15:21	10/24/24 06:50	1
Dimethyl phthalate	ND		5.2	2.1	ug/L		10/22/24 15:21	10/24/24 06:50	1
Fluoranthene	ND		0.52	0.10	ug/L		10/22/24 15:21	10/24/24 06:50	1
Fluorene	ND		0.52	0.12	ug/L		10/22/24 15:21	10/24/24 06:50	1
Hexachlorobenzene	ND		0.52	0.11	ug/L		10/22/24 15:21	10/24/24 06:50	1
Hexachlorobutadiene	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
Hexachlorocyclopentadiene	ND		11	5.2	ug/L		10/22/24 15:21	10/24/24 06:50	1
Hexachloroethane	ND		5.2	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
Indeno[1,2,3-cd]pyrene	ND		0.52	0.11	ug/L		10/22/24 15:21	10/24/24 06:50	1
Isophorone	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
N-Nitrosodi-n-propylamine	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1

Client Sample ID: FB-02_20241017

Lab Sample ID: 410-192708-61

Date Collected: 10/17/24 12:45
Matrix: Water
Date Received: 10/18/24 15:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
Naphthalene	ND		0.52	0.27	ug/L		10/22/24 15:21	10/24/24 06:50	1
Nitrobenzene	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
Pentachlorophenol	ND		5.2	2.7	ug/L		10/22/24 15:21	10/24/24 06:50	1
Phenanthrene	ND		0.52	0.11	ug/L		10/22/24 15:21	10/24/24 06:50	1
Phenol	ND		2.1	0.52	ug/L		10/22/24 15:21	10/24/24 06:50	1
Pyrene	ND		0.52	0.10	ug/L		10/22/24 15:21	10/24/24 06:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4.4*	*T J*	*ug/L*		*2.81*	*N/A*	*10/22/24 15:21*	*10/24/24 06:50*	*1*
Unknown	*14*	*T J B*	*ug/L*		*3.20*	*N/A*	*10/22/24 15:21*	*10/24/24 06:50*	*1*
Unknown	*31*	*T J B*	*ug/L*		*3.51*	*N/A*	*10/22/24 15:21*	*10/24/24 06:50*	*1*
Unknown	*6.9*	*T J*	*ug/L*		*3.53*	*N/A*	*10/22/24 15:21*	*10/24/24 06:50*	*1*
Unknown	*14*	*T J B*	*ug/L*		*3.63*	*N/A*	*10/22/24 15:21*	*10/24/24 06:50*	*1*
Unknown	*7.8*	*T J B*	*ug/L*		*3.76*	*N/A*	*10/22/24 15:21*	*10/24/24 06:50*	*1*
Unknown	*21*	*T J B*	*ug/L*		*3.78*	*N/A*	*10/22/24 15:21*	*10/24/24 06:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*28 - 120*	*10/22/24 15:21*	*10/24/24 06:50*	*1*
2-Fluorophenol (Surr)	*42*		*10 - 120*	*10/22/24 15:21*	*10/24/24 06:50*	*1*
Nitrobenzene-d5 (Surr)	*80*		*18 - 120*	*10/22/24 15:21*	*10/24/24 06:50*	*1*
p-Terphenyl-d14 (Surr)	*95*		*22 - 120*	*10/22/24 15:21*	*10/24/24 06:50*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*16 - 120*	*10/22/24 15:21*	*10/24/24 06:50*	*1*
Phenol-d5 (Surr)	*31*		*10 - 120*	*10/22/24 15:21*	*10/24/24 06:50*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		10/22/24 07:25	10/30/24 13:06	1
Antimony	ND		1.0	0.20	ug/L		10/22/24 07:25	10/30/24 13:06	1
Arsenic	ND		2.0	0.68	ug/L		10/22/24 07:25	10/30/24 13:06	1
Barium	ND		2.0	0.75	ug/L		10/22/24 07:25	10/30/24 13:06	1
Beryllium	ND		0.50	0.12	ug/L		10/22/24 07:25	10/30/24 13:06	1
Cadmium	ND		0.50	0.15	ug/L		10/22/24 07:25	10/30/24 13:06	1
Chromium	ND		2.0	0.55	ug/L		10/22/24 07:25	10/30/24 13:06	1
Cobalt	ND		0.50	0.16	ug/L		10/22/24 07:25	10/30/24 13:06	1
Copper	ND		1.0	0.36	ug/L		10/22/24 07:25	10/30/24 13:06	1
Lead	ND		0.50	0.12	ug/L		10/22/24 07:25	10/30/24 13:06	1
Manganese	ND		2.0	0.95	ug/L		10/22/24 07:25	10/30/24 13:06	1
Nickel	ND		1.0	0.40	ug/L		10/22/24 07:25	10/30/24 13:06	1
Silver	ND		0.50	0.10	ug/L		10/22/24 07:25	10/30/24 13:06	1
Thallium	ND		0.50	0.13	ug/L		10/22/24 07:25	10/30/24 13:06	1
Zinc	ND		10	4.0	ug/L		10/22/24 07:25	10/30/24 13:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		10/30/24 23:00	10/31/24 17:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0050	mg/L		10/29/24 09:10	10/29/24 19:49	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: FD-03_20241017

Date Collected: 10/17/24 00:00
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-62

Matrix: Solid
Percent Solids: 90.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	cn	1800	63	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2,2'-oxybis[1-chloropropane]	ND	cn	1800	110	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2,4,5-Trichlorophenol	ND	cn	1800	190	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2,4,6-Trichlorophenol	ND	cn	730	230	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2,4-Dichlorophenol	ND	cn	730	120	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2,4-Dimethylphenol	ND	*+ cn	1800	220	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2,4-Dinitrophenol	ND	cn	1500	890	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2,4-Dinitrotoluene	ND	cn	370	200	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2,6-Dinitrotoluene	ND	cn	370	130	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2-Chloronaphthalene	ND	cn	1800	84	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2-Chlorophenol	ND	cn	1800	65	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2-Methylnaphthalene	ND	cn	1800	51	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2-Methylphenol	ND	cn	1800	68	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2-Nitroaniline	ND	cn	1800	140	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
2-Nitrophenol	ND	cn	1800	180	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
3,3'-Dichlorobenzidine	ND	cn	730	270	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
3-Nitroaniline	ND	cn	1800	430	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
4,6-Dinitro-2-methylphenol	ND	cn	1500	740	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
4-Bromophenyl phenyl ether	ND	cn	1800	72	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
4-Chloro-3-methylphenol	ND	cn	1800	100	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
4-Chloroaniline	ND	cn	1800	320	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
4-Chlorophenyl phenyl ether	ND	cn	1800	64	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
4-Methylphenol	ND	cn	1800	110	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
4-Nitroaniline	ND	cn	1800	210	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
4-Nitrophenol	ND	cn	3700	300	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Acenaphthene	ND	cn	1800	52	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Acenaphthylene	ND	cn	1800	52	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Acetophenone	ND	cn	1800	89	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Anthracene	ND	cn	1800	55	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Atrazine	ND	cn	730	110	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Benzaldehyde	ND	cn	1800	300	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Benzo[a]anthracene	ND	cn	180	140	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Benzo[a]pyrene	ND	cn	180	48	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Benzo[b]fluoranthene	ND	cn	180	47	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Benzo[g,h,i]perylene	**90**	**J *+ cn**	1800	54	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Benzo[k]fluoranthene	ND	cn	180	36	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Butyl benzyl phthalate	ND	cn	1800	85	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Caprolactam	ND	cn	1800	280	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Carbazole	ND	cn	1800	69	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Chrysene	ND	cn	1800	76	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Di-n-butyl phthalate	ND	cn	1800	69	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Di-n-octyl phthalate	ND	cn	1800	96	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Dibenz(a,h)anthracene	ND	cn	180	79	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Dibenzofuran	ND	cn	1800	61	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Diethyl phthalate	ND	cn	1800	59	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Dimethyl phthalate	ND	cn	1800	410	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Fluoranthene	ND	cn	1800	64	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Fluorene	ND	cn	1800	53	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5

Client Sample ID: FD-03_20241017

Date Collected: 10/17/24 00:00
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-62

Matrix: Solid
Percent Solids: 90.4

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND	cn	180	86	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Hexachlorobutadiene	ND	cn	370	39	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Hexachlorocyclopentadiene	ND	*+ cn	1800	160	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Hexachloroethane	ND	cn	180	62	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Indeno[1,2,3-cd]pyrene	ND	cn	180	71	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Isophorone	ND	cn	730	530	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
N-Nitrosodi-n-propylamine	ND	cn	180	130	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
N-Nitrosodiphenylamine	ND	cn	1800	150	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Naphthalene	ND	cn	1800	31	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Nitrobenzene	ND	cn	180	100	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Pentachlorophenol	ND	cn	1500	370	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Phenanthrene	ND	cn	1800	74	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Phenol	ND	cn	1800	67	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Pyrene	ND	cn	1800	45	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Bis(2-chloroethoxy)methane	ND	cn	1800	140	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Bis(2-chloroethyl)ether	ND	cn	180	63	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5
Bis(2-ethylhexyl) phthalate	ND	cn	1800	96	ug/Kg	☼	10/31/24 20:24	11/01/24 17:47	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*cn*	*ug/Kg*	☼		*N/A*	*10/31/24 20:24*	*11/01/24 17:47*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*	*cn*	*24 - 137*	*10/31/24 20:24*	*11/01/24 17:47*	*5*
2-Fluorophenol (Surr)	*85*	*cn*	*31 - 133*	*10/31/24 20:24*	*11/01/24 17:47*	*5*
Nitrobenzene-d5 (Surr)	*83*	*cn*	*31 - 120*	*10/31/24 20:24*	*11/01/24 17:47*	*5*
Phenol-d5 (Surr)	*89*	*cn*	*35 - 132*	*10/31/24 20:24*	*11/01/24 17:47*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (2C)	ND		19	5.8	ug/Kg	☼	10/24/24 15:55	10/25/24 22:55	1
PCB-1221 (2C)	ND		19	5.8	ug/Kg	☼	10/24/24 15:55	10/25/24 22:55	1
PCB-1232 (2C)	ND		19	5.8	ug/Kg	☼	10/24/24 15:55	10/25/24 22:55	1
PCB-1242 (2C)	ND		19	5.8	ug/Kg	☼	10/24/24 15:55	10/25/24 22:55	1
PCB-1248 (2C)	ND		19	5.8	ug/Kg	☼	10/24/24 15:55	10/25/24 22:55	1
PCB-1254 (2C)	ND		19	7.0	ug/Kg	☼	10/24/24 15:55	10/25/24 22:55	1
PCB-1260 (2C)	ND		19	7.0	ug/Kg	☼	10/24/24 15:55	10/25/24 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*68*	*cn*	*66 - 130*	*10/24/24 15:55*	*10/25/24 22:55*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*79*	*cn*	*66 - 130*	*10/24/24 15:55*	*10/25/24 22:55*	*1*
Tetrachloro-m-xylene (1C)	*75*		*68 - 130*	*10/24/24 15:55*	*10/25/24 22:55*	*1*
Tetrachloro-m-xylene (2C)	*89*		*68 - 130*	*10/24/24 15:55*	*10/25/24 22:55*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		19	9.3	mg/Kg	☼	10/26/24 04:11	10/31/24 20:33	2
Antimony	**4.0**		0.19	0.075	mg/Kg	☼	10/26/24 04:11	10/31/24 20:33	2
Arsenic	**8.5**		0.37	0.13	mg/Kg	☼	10/26/24 04:11	10/31/24 20:33	2
Barium	**250**		1.9	0.86	mg/Kg	☼	10/26/24 04:11	10/31/24 20:35	10
Beryllium	**0.42**		0.094	0.022	mg/Kg	☼	10/26/24 04:11	10/31/24 20:33	2

Client Sample ID: FD-03_20241017

Lab Sample ID: 410-192708-62
Date Collected: 10/17/24 00:00
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 90.4

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	1.2		0.094	0.037	mg/Kg	☼	10/26/24 04:11	10/31/24 20:33	2
Chromium	46		0.37	0.18	mg/Kg	☼	10/26/24 04:11	10/31/24 20:33	2
Cobalt	38		0.19	0.075	mg/Kg	☼	10/26/24 04:11	10/31/24 20:33	2
Copper	260	^2	1.9	0.84	mg/Kg	☼	10/26/24 04:11	10/31/24 20:35	10
Lead	410		0.94	0.36	mg/Kg	☼	10/26/24 04:11	10/31/24 20:35	10
Manganese	490		0.37	0.19	mg/Kg	☼	10/26/24 04:11	10/31/24 20:33	2
Nickel	57		0.37	0.18	mg/Kg	☼	10/26/24 04:11	10/31/24 20:33	2
Silver	0.85		0.094	0.038	mg/Kg	☼	10/26/24 04:11	10/31/24 20:33	2
Thallium	0.087	J	0.094	0.037	mg/Kg	☼	10/26/24 04:11	10/31/24 20:33	2
Zinc	570		140	19	mg/Kg	☼	10/26/24 04:11	10/31/24 20:35	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.40		0.063	0.021	mg/Kg	☼	10/28/24 23:00	10/30/24 08:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.50	0.18	mg/Kg	☼	10/30/24 18:45	10/31/24 20:36	1
Percent Moisture (EPA Moisture)	9.6		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: SB-112_0-1

Lab Sample ID: 410-192708-63
Date Collected: 10/17/24 14:40
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 90.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2,2'-oxybis[1-chloropropane]	ND		360	22	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2,4-Dimethylphenol	ND	*+	360	44	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2,4-Dinitrotoluene	ND		74	39	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2,6-Dinitrotoluene	ND		74	26	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2-Methylphenol	ND		360	14	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2-Nitroaniline	ND		360	28	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
2-Nitrophenol	ND		360	37	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
3-Nitroaniline	ND		360	87	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
4-Chloroaniline	ND		360	65	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
4-Methylphenol	ND		360	23	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1

Client Sample ID: SB-112_0-1
Date Collected: 10/17/24 14:40
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-63
Matrix: Solid
Percent Solids: 90.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		360	42	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
4-Nitrophenol	ND		740	60	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Acenaphthene	ND		360	10	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Acenaphthylene	**15**	**J**	360	10	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Acetophenone	ND		360	18	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Anthracene	ND		360	11	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Atrazine	ND		150	22	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Benzaldehyde	ND		360	60	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Benzo[a]anthracene	**68**		36	28	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Benzo[a]pyrene	**86**		36	9.7	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Benzo[b]fluoranthene	**120**		36	9.5	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Benzo[g,h,i]perylene	**67**	**J *+**	360	11	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Benzo[k]fluoranthene	**40**		36	7.2	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Caprolactam	ND		360	57	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Carbazole	ND		360	14	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Chrysene	**90**	**J**	360	15	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Di-n-butyl phthalate	**35**	**J**	360	14	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Dibenzofuran	ND		360	12	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Dimethyl phthalate	ND		360	83	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Fluoranthene	**130**	**J**	360	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Fluorene	ND		360	11	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Hexachlorobutadiene	ND		74	7.8	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Hexachlorocyclopentadiene	ND	*+	360	32	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Hexachloroethane	ND		36	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Indeno[1,2,3-cd]pyrene	**68**		36	14	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Isophorone	ND		150	110	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
N-Nitrosodi-n-propylamine	ND		36	27	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Naphthalene	ND		360	6.3	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Nitrobenzene	ND		36	20	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Pentachlorophenol	ND		290	75	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Phenanthrene	**59**	**J**	360	15	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Phenol	ND		360	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Pyrene	**120**	**J**	360	9.1	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	10/31/24 20:24	11/01/24 15:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/31/24 20:24*	*11/01/24 15:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*24 - 137*	*10/31/24 20:24*	*11/01/24 15:45*	*1*
2-Fluorophenol (Surr)	*86*		*31 - 133*	*10/31/24 20:24*	*11/01/24 15:45*	*1*

Client Sample ID: SB-112_0-1

Lab Sample ID: 410-192708-63
Date Collected: 10/17/24 14:40
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 90.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*85*		*31 - 120*	*10/31/24 20:24*	*11/01/24 15:45*	*1*
Phenol-d5 (Surr)	*90*		*35 - 132*	*10/31/24 20:24*	*11/01/24 15:45*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		20	9.9	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Antimony	**0.51**		0.20	0.080	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Arsenic	**4.8**		0.40	0.13	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Barium	**57**		0.40	0.18	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Beryllium	**0.57**		0.10	0.024	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Cadmium	**0.24**		0.10	0.040	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Chromium	**75**		0.40	0.19	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Cobalt	**16**		0.20	0.080	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Copper	**31**		0.40	0.18	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Lead	**29**	**^2**	0.20	0.076	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Manganese	**330**		0.40	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Nickel	**200**		2.0	0.95	mg/Kg	☼	10/27/24 19:16	11/01/24 20:47	10
Silver	**0.079**	**J**	0.10	0.040	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Thallium	**0.17**		0.10	0.039	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2
Zinc	**110**		30	4.0	mg/Kg	☼	10/27/24 19:16	11/01/24 20:45	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.041**	**J**	0.063	0.021	mg/Kg	☼	10/28/24 23:00	10/30/24 08:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.35**	**J**	0.54	0.19	mg/Kg	☼	10/30/24 18:45	10/31/24 20:36	1
Percent Moisture (EPA Moisture)	**9.6**		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: SB-112_4-5

Lab Sample ID: 410-192708-64
Date Collected: 10/17/24 14:45
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 93.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
1,1,2-Trichloroethane	ND		5.3	0.74	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
1,1-Dichloroethane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
1,1-Dichloroethene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
1,2,4-Trichlorobenzene	ND		11	5.3	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
1,2-Dibromo-3-Chloropropane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
1,2-Dibromoethane	ND		5.3	0.74	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
1,2-Dichlorobenzene	ND		5.3	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
1,2-Dichloroethane	ND		5.3	0.64	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
1,2-Dichloropropane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
1,3-Dichlorobenzene	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
1,4-Dichlorobenzene	ND		5.3	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1

Client Sample ID: SB-112_4-5

Date Collected: 10/17/24 14:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-64

Matrix: Solid
Percent Solids: 93.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	**3.0**	**J cn**	11	2.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
2-Hexanone	ND		11	2.7	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
4-Methyl-2-pentanone	ND		11	2.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Acetone	**22**	**cn**	21	6.4	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Benzene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Bromodichloromethane	ND		5.3	0.74	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Bromoform	ND		11	5.3	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Bromomethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Carbon disulfide	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Carbon tetrachloride	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Chlorobenzene	ND		5.3	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Chloroethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Chloroform	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Chloromethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
cis-1,2-Dichloroethene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
cis-1,3-Dichloropropene	ND		5.3	0.64	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Cyclohexane	ND		5.3	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Dibromochloromethane	ND		5.3	0.53	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Dichlorodifluoromethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Freon 113	ND		11	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Isopropylbenzene	ND		5.3	1.6	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Methyl acetate	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Methyl tertiary butyl ether	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Methylcyclohexane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Methylene Chloride	ND		5.3	2.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Styrene	ND		5.3	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Tetrachloroethene	ND		5.3	1.6	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Toluene	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
trans-1,2-Dichloroethene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
trans-1,3-Dichloropropene	ND		5.3	0.64	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Trichloroethene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Trichlorofluoromethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Vinyl chloride	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1
Xylenes, Total	ND		11	0.74	ug/Kg	☼	10/22/24 17:02	10/24/24 16:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclotrisiloxane, hexamethyl-	*9.6*	*T J N B*	*ug/Kg*	☼	*9.98*	*541-05-9*	*10/22/24 17:02*	*10/24/24 16:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*10/22/24 17:02*	*10/24/24 16:33*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 141*	*10/22/24 17:02*	*10/24/24 16:33*	*1*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*	*10/22/24 17:02*	*10/24/24 16:33*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*10/22/24 17:02*	*10/24/24 16:33*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2,2'-oxybis[1-chloropropane]	ND		350	21	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1

Client Sample ID: SB-112_4-5

Date Collected: 10/17/24 14:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-64

Matrix: Solid
Percent Solids: 93.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2,4-Dimethylphenol	ND	*+	350	42	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2-Chlorophenol	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2-Methylnaphthalene	ND		350	9.9	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2-Methylphenol	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
3,3'-Dichlorobenzidine	ND		140	53	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
3-Nitroaniline	ND		350	84	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
4-Chloroaniline	ND		350	63	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
4-Methylphenol	ND		350	22	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
4-Nitroaniline	ND		350	41	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Acenaphthene	ND		350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Acenaphthylene	ND		350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Acetophenone	ND		350	17	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Anthracene	ND		350	11	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Atrazine	ND		140	21	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Benzaldehyde	ND		350	58	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Benzo[a]anthracene	ND		35	27	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Benzo[a]pyrene	ND		35	9.4	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Benzo[b]fluoranthene	ND		35	9.1	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Benzo[g,h,i]perylene	ND	*+	350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Benzo[k]fluoranthene	ND		35	6.9	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Butyl benzyl phthalate	ND		350	17	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Caprolactam	ND		350	55	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Carbazole	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Chrysene	ND		350	15	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Di-n-butyl phthalate	**29**	**J**	350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Di-n-octyl phthalate	ND		350	19	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Dibenzofuran	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Dimethyl phthalate	ND		350	80	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Fluoranthene	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Fluorene	ND		350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Hexachlorobenzene	ND		35	17	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Hexachlorobutadiene	ND		72	7.5	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1

Client Sample ID: SB-112_4-5

Date Collected: 10/17/24 14:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-64

Matrix: Solid
Percent Solids: 93.3

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND	*+	350	31	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Hexachloroethane	ND		35	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Indeno[1,2,3-cd]pyrene	ND		35	14	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Isophorone	ND		140	100	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
N-Nitrosodi-n-propylamine	ND		35	26	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Naphthalene	ND		350	6.1	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Nitrobenzene	ND		35	20	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Pentachlorophenol	ND		280	72	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Phenanthrene	ND		350	14	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Phenol	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Pyrene	ND		350	8.8	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Bis(2-chloroethoxy)methane	ND		350	28	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1
Bis(2-ethylhexyl) phthalate	ND		350	19	ug/Kg	☼	10/31/24 20:24	11/01/24 12:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/31/24 20:24*	*11/01/24 12:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*24 - 137*	*10/31/24 20:24*	*11/01/24 12:52*	*1*
2-Fluorophenol (Surr)	*84*		*31 - 133*	*10/31/24 20:24*	*11/01/24 12:52*	*1*
Nitrobenzene-d5 (Surr)	*86*		*31 - 120*	*10/31/24 20:24*	*11/01/24 12:52*	*1*
Phenol-d5 (Surr)	*88*		*35 - 132*	*10/31/24 20:24*	*11/01/24 12:52*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13000**		21	10	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Antimony	ND		0.21	0.084	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Arsenic	**0.62**		0.42	0.14	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Barium	**31**		0.42	0.19	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Beryllium	**0.72**		0.11	0.025	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Cadmium	**0.042**	**J**	0.11	0.042	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Chromium	**19**		0.42	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Cobalt	**5.4**		0.21	0.084	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Copper	**9.3**		0.42	0.19	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Lead	**7.8**	**^2**	0.21	0.080	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Manganese	**220**		0.42	0.21	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Nickel	**17**		0.42	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Silver	ND		0.11	0.043	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Thallium	**0.18**		0.11	0.041	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2
Zinc	**33**		32	4.2	mg/Kg	☼	10/27/24 19:16	11/01/24 21:28	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg	☼	10/28/24 23:00	10/30/24 08:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.50	0.18	mg/Kg	☼	10/30/24 18:45	10/31/24 20:36	1

Client Sample ID: SB-112_4-5

Lab Sample ID: 410-192708-64
Date Collected: 10/17/24 14:45
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 93.3

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.7**		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: SB-116_0-1

Lab Sample ID: 410-192708-65
Date Collected: 10/17/24 15:15
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 96.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2,2'-oxybis[1-chloropropane]	ND		89	41	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2,4,5-Trichlorophenol	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2,4,6-Trichlorophenol	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2,4-Dichlorophenol	ND		89	41	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2,4-Dimethylphenol	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2,4-Dinitrophenol	ND		2000	860	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2,4-Dinitrotoluene	ND		340	68	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2,6-Dinitrotoluene	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2-Chloronaphthalene	ND		68	27	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2-Chlorophenol	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2-Methylnaphthalene	ND		34	10	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2-Methylphenol	ND		100	41	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2-Nitroaniline	ND		100	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
2-Nitrophenol	ND		100	41	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
3,3'-Dichlorobenzidine	ND		680	340	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
3-Nitroaniline	ND		340	68	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
4,6-Dinitro-2-methylphenol	ND	cn	1000	340	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
4-Bromophenyl phenyl ether	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
4-Chloro-3-methylphenol	ND		100	41	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
4-Chloroaniline	ND		340	68	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
4-Chlorophenyl phenyl ether	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
4-Methylphenol	ND		100	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
4-Nitroaniline	ND		340	68	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
4-Nitrophenol	ND		1000	340	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Acenaphthene	ND		34	6.8	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Acenaphthylene	**14**	**J**	34	8.2	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Acetophenone	ND		100	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Anthracene	**38**		34	6.8	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Atrazine	ND		340	140	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Benzaldehyde	ND		340	68	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Benzo[a]anthracene	**450**		34	6.8	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Benzo[a]pyrene	**490**		34	6.8	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Benzo[b]fluoranthene	**580**		34	6.8	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Benzo[g,h,i]perylene	**260**		34	6.8	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Benzo[k]fluoranthene	**250**		34	6.8	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Bis(2-chloroethoxy)methane	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Bis(2-chloroethyl)ether	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Bis(2-ethylhexyl) phthalate	ND		340	140	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Butyl benzyl phthalate	ND		340	140	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Caprolactam	ND		340	68	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Carbazole	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1

Client Sample ID: SB-116_0-1

Date Collected: 10/17/24 15:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-65

Matrix: Solid
Percent Solids: 96.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**500**		34	6.8	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Di-n-butyl phthalate	ND		340	140	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Di-n-octyl phthalate	ND		340	140	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Dibenz(a,h)anthracene	**87**		34	14	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Dibenzofuran	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Diethyl phthalate	ND		340	140	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Dimethyl phthalate	ND		340	140	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Fluoranthene	**350**		34	6.8	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Fluorene	ND		34	6.8	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Hexachlorobenzene	ND		68	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Hexachlorobutadiene	ND		100	41	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Hexachlorocyclopentadiene	ND		1000	340	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Hexachloroethane	ND		340	68	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Indeno[1,2,3-cd]pyrene	**220**		34	8.2	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Isophorone	ND		140	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
N-Nitrosodi-n-propylamine	ND		140	68	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
N-Nitrosodiphenylamine	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Naphthalene	ND		34	14	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Nitrobenzene	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Pentachlorophenol	ND		340	140	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Phenanthrene	**32**	**J**	34	8.2	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Phenol	ND		75	34	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1
Pyrene	**340**		34	6.8	ug/Kg	☼	10/31/24 16:10	12/07/24 03:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*430*	*T J B*	*ug/Kg*	☼	*3.46*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Perylene	*320*	*T J N*	*ug/Kg*	☼	*13.34*	*198-55-0*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*360*	*T J*	*ug/Kg*	☼	*13.85*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*530*	*T J*	*ug/Kg*	☼	*13.91*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*13.99*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
15-Isobutyl-(13alphah)-isocopalane	*870*	*T J N*	*ug/Kg*	☼	*14.28*	*87953-47-7*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*300*	*T J*	*ug/Kg*	☼	*14.38*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*330*	*T J*	*ug/Kg*	☼	*14.40*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*330*	*T J*	*ug/Kg*	☼	*14.60*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*880*	*T J*	*ug/Kg*	☼	*14.65*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*690*	*T J*	*ug/Kg*	☼	*14.69*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*280*	*T J*	*ug/Kg*	☼	*14.82*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*400*	*T J*	*ug/Kg*	☼	*14.85*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*470*	*T J*	*ug/Kg*	☼	*14.97*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*590*	*T J*	*ug/Kg*	☼	*15.04*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*510*	*T J*	*ug/Kg*	☼	*15.40*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*310*	*T J*	*ug/Kg*	☼	*15.51*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*280*	*T J*	*ug/Kg*	☼	*15.56*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*340*	*T J*	*ug/Kg*	☼	*15.93*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Unknown	*610*	*T J*	*ug/Kg*	☼	*16.57*	*N/A*	*10/31/24 16:10*	*12/07/24 03:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*57*		*29 - 120*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
2-Fluorophenol (Surr)	*62*		*18 - 120*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Nitrobenzene-d5 (Surr)	*59*		*22 - 120*	*10/31/24 16:10*	*12/07/24 03:03*	*1*

Client Sample ID: SB-116_0-1

Lab Sample ID: 410-192708-65

Date Collected: 10/17/24 15:15
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 96.4

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*52*		*36 - 123*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*13 - 127*	*10/31/24 16:10*	*12/07/24 03:03*	*1*
Phenol-d5 (Surr)	*63*		*20 - 120*	*10/31/24 16:10*	*12/07/24 03:03*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4300**		16	8.2	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Antimony	**0.11**	**J**	0.16	0.066	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Arsenic	**3.2**		0.33	0.11	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Barium	**16**		0.33	0.15	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Beryllium	**0.23**		0.082	0.020	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Cadmium	**0.096**		0.082	0.033	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Chromium	**44**		0.33	0.16	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Cobalt	**11**		0.16	0.066	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Copper	**12**		0.33	0.15	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Lead	**14**	**^2**	0.16	0.063	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Manganese	**130**		0.33	0.16	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Nickel	**210**		1.6	0.78	mg/Kg	☼	10/27/24 19:16	11/01/24 21:01	10
Silver	ND		0.082	0.033	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Thallium	**0.040**	**J**	0.082	0.032	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2
Zinc	**31**		25	3.3	mg/Kg	☼	10/27/24 19:16	11/01/24 20:59	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg	☼	10/28/24 23:00	10/30/24 08:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.49	0.18	mg/Kg	☼	10/30/24 18:45	10/31/24 20:40	1
Percent Moisture (EPA Moisture)	**3.6**		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: SB-116_4-5

Lab Sample ID: 410-192708-66

Date Collected: 10/17/24 15:20
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
1,1,2,2-Tetrachloroethane	ND	*3 cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
1,1,2-Trichloroethane	ND	cn	5.7	0.80	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
1,1-Dichloroethane	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
1,1-Dichloroethene	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
1,2,4-Trichlorobenzene	ND	*3 cn	11	5.7	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
1,2-Dibromo-3-Chloropropane	ND	*3 cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
1,2-Dibromoethane	ND	cn	5.7	0.80	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
1,2-Dichlorobenzene	ND	*3 cn	5.7	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
1,2-Dichloroethane	ND	cn	5.7	0.69	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
1,2-Dichloropropane	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
1,3-Dichlorobenzene	ND	*3 cn	5.7	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
1,4-Dichlorobenzene	ND	*3 cn	5.7	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1

Client Sample ID: SB-116_4-5

Date Collected: 10/17/24 15:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-66

Matrix: Solid
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	**2.6**	**J cn**	11	2.3	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
2-Hexanone	ND	cn	11	2.9	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
4-Methyl-2-pentanone	ND	cn	11	2.3	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Acetone	**18**	**J cn**	23	6.9	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Benzene	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Bromodichloromethane	ND	cn	5.7	0.80	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Bromoform	ND	cn	11	5.7	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Bromomethane	ND	cn	5.7	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Carbon disulfide	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Carbon tetrachloride	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Chlorobenzene	ND	cn	5.7	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Chloroethane	ND	cn	5.7	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Chloroform	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Chloromethane	ND	cn	5.7	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
cis-1,2-Dichloroethene	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
cis-1,3-Dichloropropene	ND	cn	5.7	0.69	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Cyclohexane	ND	cn	5.7	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Dibromochloromethane	ND	cn	5.7	0.57	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Dichlorodifluoromethane	ND	cn	5.7	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Ethylbenzene	ND	cn	5.7	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Freon 113	ND	cn	11	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Isopropylbenzene	ND	cn	5.7	1.7	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Methyl acetate	ND	cn	5.7	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Methyl tertiary butyl ether	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Methylcyclohexane	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Methylene Chloride	ND	cn	5.7	2.3	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Styrene	ND	cn	5.7	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Tetrachloroethene	**14**	**cn**	5.7	1.7	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Toluene	ND	cn	5.7	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
trans-1,2-Dichloroethene	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
trans-1,3-Dichloropropene	ND	cn	5.7	0.69	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Trichloroethene	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Trichlorofluoromethane	ND	cn	5.7	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Vinyl chloride	ND	cn	5.7	0.91	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1
Xylenes, Total	ND	cn	11	0.80	ug/Kg	☼	10/22/24 17:02	10/24/24 16:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclotrisiloxane, hexamethyl-	*11*	*T J N cn*	*ug/Kg*	☼	*9.98*	*541-05-9*	*10/22/24 17:02*	*10/24/24 16:55*	*1*
Cyclotetrasiloxane, octamethyl-	*21*	*T J N cn*	*ug/Kg*	☼	*12.03*	*556-67-2*	*10/22/24 17:02*	*10/24/24 16:55*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*	*cn*	*54 - 135*	*10/22/24 17:02*	*10/24/24 16:55*	*1*
Dibromofluoromethane (Surr)	*111*	*cn*	*50 - 141*	*10/22/24 17:02*	*10/24/24 16:55*	*1*
4-Bromofluorobenzene (Surr)	*68*	*cn*	*50 - 131*	*10/22/24 17:02*	*10/24/24 16:55*	*1*
Toluene-d8 (Surr)	*129*	*cn*	*52 - 141*	*10/22/24 17:02*	*10/24/24 16:55*	*1*

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

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/22/24 17:02*	*10/26/24 19:17*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-116_4-5

Date Collected: 10/17/24 15:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-66

Matrix: Solid
Percent Solids: 87.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		54 - 135	10/22/24 17:02	10/26/24 19:17	1
Dibromofluoromethane (Surr)	104		50 - 141	10/22/24 17:02	10/26/24 19:17	1
4-Bromofluorobenzene (Surr)	66		50 - 131	10/22/24 17:02	10/26/24 19:17	1
Toluene-d8 (Surr)	124		52 - 141	10/22/24 17:02	10/26/24 19:17	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2,2'-oxybis[1-chloropropane]	ND		380	23	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2,4,5-Trichlorophenol	ND		380	38	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2,4-Dimethylphenol	ND	*+	380	45	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2,4-Dinitrophenol	ND		300	190	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2,4-Dinitrotoluene	ND		76	41	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2,6-Dinitrotoluene	ND		76	27	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2-Chloronaphthalene	ND		380	17	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2-Chlorophenol	ND		380	13	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2-Methylnaphthalene	**13**	**J**	380	11	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2-Methylphenol	ND		380	14	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
2-Nitrophenol	ND		380	38	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
3,3'-Dichlorobenzidine	ND		150	57	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
3-Nitroaniline	ND		380	89	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
4-Chloro-3-methylphenol	ND		380	21	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
4-Chloroaniline	ND		380	67	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
4-Chlorophenyl phenyl ether	ND		380	13	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
4-Methylphenol	ND		380	24	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
4-Nitroaniline	ND		380	43	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
4-Nitrophenol	ND		760	61	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Acenaphthene	ND		380	11	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Acenaphthylene	**50**	**J**	380	11	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Acetophenone	ND		380	19	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Anthracene	**24**	**J**	380	11	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Atrazine	ND		150	22	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Benzaldehyde	ND		380	62	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Benzo[a]anthracene	**140**		38	28	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Benzo[a]pyrene	**180**		38	10	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Benzo[b]fluoranthene	**200**		38	9.8	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Benzo[g,h,i]perylene	**64**	**J *+**	380	11	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Benzo[k]fluoranthene	**100**		38	7.4	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Caprolactam	ND		380	59	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Carbazole	ND		380	14	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Chrysene	**160**	**J**	380	16	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Di-n-butyl phthalate	**27**	**J**	380	14	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Di-n-octyl phthalate	ND		380	20	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-116_4-5

Date Collected: 10/17/24 15:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-66

Matrix: Solid
Percent Solids: 87.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	**20**	**J**	38	16	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Dibenzofuran	ND		380	13	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Dimethyl phthalate	ND		380	86	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Fluoranthene	**190**	**J**	380	13	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Fluorene	ND		380	11	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Hexachlorobutadiene	ND		76	8.0	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Hexachlorocyclopentadiene	ND	*+	380	33	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Hexachloroethane	ND		38	13	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Indeno[1,2,3-cd]pyrene	**62**		38	15	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Isophorone	ND		150	110	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
N-Nitrosodi-n-propylamine	ND		38	27	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
N-Nitrosodiphenylamine	ND		380	31	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Naphthalene	**16**	**J**	380	6.5	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Nitrobenzene	ND		38	21	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Pentachlorophenol	ND		300	77	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Phenanthrene	**89**	**J**	380	15	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Phenol	ND		380	14	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Pyrene	**220**	**J**	380	9.4	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Bis(2-chloroethoxy)methane	ND		380	29	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	10/31/24 20:24	11/01/24 17:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/31/24 20:24*	*11/01/24 17:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*24 - 137*	*10/31/24 20:24*	*11/01/24 17:12*	*1*
2-Fluorophenol (Surr)	*93*		*31 - 133*	*10/31/24 20:24*	*11/01/24 17:12*	*1*
Nitrobenzene-d5 (Surr)	*91*		*31 - 120*	*10/31/24 20:24*	*11/01/24 17:12*	*1*
Phenol-d5 (Surr)	*95*		*35 - 132*	*10/31/24 20:24*	*11/01/24 17:12*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6400**		20	9.8	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Antimony	**0.86**		0.20	0.079	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Arsenic	**7.6**		0.40	0.13	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Barium	**42**		0.40	0.18	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Beryllium	**0.60**		0.099	0.024	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Cadmium	**1.4**		0.099	0.040	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Chromium	**65**		0.40	0.19	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Cobalt	**2.8**		0.20	0.079	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Copper	**18**	**^2**	0.40	0.18	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Lead	**170**	**^2**	0.20	0.075	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Manganese	**150**		0.40	0.20	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Nickel	**7.8**		0.40	0.19	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Silver	**0.086**	**J**	0.099	0.040	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2
Thallium	**0.059**	**J**	0.099	0.039	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2

Client Sample ID: SB-116_4-5

Lab Sample ID: 410-192708-66
Date Collected: 10/17/24 15:20
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 87.7

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	87		30	4.0	mg/Kg	☼	10/25/24 20:30	11/01/24 11:32	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.089		0.064	0.021	mg/Kg	☼	10/25/24 06:19	11/05/24 08:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.52	0.19	mg/Kg	☼	10/30/24 18:45	10/31/24 20:40	1
Percent Moisture (EPA Moisture)	12.3		1.0	1.0	%			10/23/24 06:21	1

Client Sample ID: SB-117_0-1

Lab Sample ID: 410-192708-67
Date Collected: 10/18/24 08:20
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2,2'-oxybis[1-chloropropane]	ND		350	21	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2,4-Dimethylphenol	ND	*+	350	42	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2-Chlorophenol	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2-Methylnaphthalene	ND		350	9.9	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2-Methylphenol	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
3-Nitroaniline	ND		350	84	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
4-Chloroaniline	ND		350	63	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
4-Chlorophenyl phenyl ether	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
4-Methylphenol	ND		350	22	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
4-Nitroaniline	ND		350	41	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Acenaphthene	ND		350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Acenaphthylene	ND		350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Acetophenone	ND		350	17	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Anthracene	ND		350	11	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Atrazine	ND		140	21	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Benzaldehyde	ND		350	59	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Benzo[a]anthracene	ND		35	27	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1

Client Sample ID: SB-117_0-1

Date Collected: 10/18/24 08:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-67

Matrix: Solid
Percent Solids: 93.1

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		35	9.4	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Benzo[b]fluoranthene	ND		35	9.2	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Benzo[g,h,i]perylene	ND	*+	350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Benzo[k]fluoranthene	ND		35	6.9	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Butyl benzyl phthalate	ND		350	17	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Caprolactam	ND		350	55	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Carbazole	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Chrysene	ND		350	15	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Di-n-butyl phthalate	**18**	**J**	350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Di-n-octyl phthalate	ND		350	19	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Dibenzofuran	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Dimethyl phthalate	ND		350	80	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Fluoranthene	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Fluorene	ND		350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Hexachlorobenzene	ND		35	17	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Hexachlorobutadiene	ND		72	7.5	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Hexachlorocyclopentadiene	ND	*+	350	31	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Hexachloroethane	ND		35	12	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Indeno[1,2,3-cd]pyrene	ND		35	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Isophorone	ND		140	100	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
N-Nitrosodi-n-propylamine	ND		35	26	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Naphthalene	ND		350	6.1	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Nitrobenzene	ND		35	20	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Pentachlorophenol	ND		280	73	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Phenanthrene	ND		350	14	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Phenol	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Pyrene	ND		350	8.8	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Bis(2-chloroethoxy)methane	ND		350	28	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1
Bis(2-ethylhexyl) phthalate	ND		350	19	ug/Kg	☼	10/31/24 20:24	11/01/24 13:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/31/24 20:24*	*11/01/24 13:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*24 - 137*	*10/31/24 20:24*	*11/01/24 13:27*	*1*
2-Fluorophenol (Surr)	*97*		*31 - 133*	*10/31/24 20:24*	*11/01/24 13:27*	*1*
Nitrobenzene-d5 (Surr)	*95*		*31 - 120*	*10/31/24 20:24*	*11/01/24 13:27*	*1*
Phenol-d5 (Surr)	*99*		*35 - 132*	*10/31/24 20:24*	*11/01/24 13:27*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND	cn	5.1	2.1	mg/Kg	☼	10/22/24 17:14	10/23/24 19:06	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*82*	*cn*	*50 - 142*	*10/22/24 17:14*	*10/23/24 19:06*	*100*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-117_0-1

Lab Sample ID: 410-192708-67
Date Collected: 10/18/24 08:20
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 93.1

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	98		25	11	mg/Kg	☼	10/24/24 17:20	10/28/24 17:02	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr)	*73*		*49 - 154*	*10/24/24 17:20*	*10/28/24 17:02*	*2*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15000		19	9.2	mg/Kg	☼	10/27/24 19:16	11/01/24 21:11	2
Antimony	ND		0.19	0.075	mg/Kg	☼	10/27/24 19:16	11/01/24 21:11	2
Arsenic	2.8		0.37	0.12	mg/Kg	☼	10/27/24 19:16	11/01/24 21:11	2
Barium	1.2		0.37	0.17	mg/Kg	☼	10/27/24 19:16	11/01/24 21:11	2
Beryllium	ND		0.093	0.022	mg/Kg	☼	10/27/24 19:16	11/01/24 21:11	2
Cadmium	ND		0.093	0.037	mg/Kg	☼	10/27/24 19:16	11/01/24 21:11	2
Chromium	420		1.9	0.89	mg/Kg	☼	10/27/24 19:16	11/01/24 21:13	10
Cobalt	52		0.19	0.075	mg/Kg	☼	10/27/24 19:16	11/01/24 21:11	2
Copper	24		0.37	0.17	mg/Kg	☼	10/27/24 19:16	11/01/24 21:11	2
Lead	0.34		0.19	0.071	mg/Kg	☼	10/27/24 19:16	11/03/24 16:31	2
Manganese	740		0.37	0.19	mg/Kg	☼	10/27/24 19:16	11/01/24 21:11	2
Nickel	1100		19	8.9	mg/Kg	☼	10/27/24 19:16	11/01/24 21:44	100
Silver	ND		0.093	0.038	mg/Kg	☼	10/27/24 19:16	11/01/24 21:11	2
Thallium	ND		0.093	0.037	mg/Kg	☼	10/27/24 19:16	11/01/24 21:11	2
Zinc	14	J	28	3.7	mg/Kg	☼	10/27/24 19:16	11/01/24 21:11	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.062	0.021	mg/Kg	☼	10/29/24 21:50	11/02/24 11:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.53	0.19	mg/Kg	☼	10/30/24 18:45	10/31/24 20:41	1
Percent Moisture (EPA Moisture)	6.9		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: SB-117_4-5

Lab Sample ID: 410-192708-68
Date Collected: 10/18/24 08:25
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
1,1,2-Trichloroethane	ND		5.3	0.74	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
1,1-Dichloroethane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
1,1-Dichloroethene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
1,2,4-Trichlorobenzene	ND		11	5.3	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
1,2-Dibromo-3-Chloropropane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
1,2-Dibromoethane	ND		5.3	0.74	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
1,2-Dichlorobenzene	ND		5.3	0.95	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
1,2-Dichloroethane	ND		5.3	0.64	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
1,2-Dichloropropane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
1,3-Dichlorobenzene	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
1,4-Dichlorobenzene	ND		5.3	0.95	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1

Client Sample ID: SB-117_4-5

Date Collected: 10/18/24 08:25
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-68

Matrix: Solid
Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	**2.4**	**J cn**	11	2.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
2-Hexanone	ND		11	2.6	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
4-Methyl-2-pentanone	ND		11	2.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Acetone	**23**	**cn**	21	6.4	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Benzene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Bromodichloromethane	ND		5.3	0.74	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Bromoform	ND		11	5.3	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Bromomethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Carbon disulfide	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Carbon tetrachloride	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Chlorobenzene	ND		5.3	0.95	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Chloroethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Chloroform	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Chloromethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
cis-1,2-Dichloroethene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
cis-1,3-Dichloropropene	ND		5.3	0.64	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Cyclohexane	ND		5.3	0.95	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Dibromochloromethane	ND		5.3	0.53	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Dichlorodifluoromethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Freon 113	ND		11	0.95	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Isopropylbenzene	ND		5.3	1.6	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Methyl acetate	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Methyl tertiary butyl ether	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Methylcyclohexane	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Methylene Chloride	ND		5.3	2.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Styrene	ND		5.3	0.95	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Tetrachloroethene	ND		5.3	1.6	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Toluene	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
trans-1,2-Dichloroethene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
trans-1,3-Dichloropropene	ND		5.3	0.64	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Trichloroethene	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Trichlorofluoromethane	ND		5.3	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Vinyl chloride	ND		5.3	0.85	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1
Xylenes, Total	ND		11	0.74	ug/Kg	☼	10/22/24 17:02	10/24/24 17:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*11*	*T J B*	*ug/Kg*	☼	*9.98*	*N/A*	*10/22/24 17:02*	*10/24/24 17:18*	*1*
Cyclotetrasiloxane, octamethyl-	*17*	*T J N B*	*ug/Kg*	☼	*12.03*	*556-67-2*	*10/22/24 17:02*	*10/24/24 17:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*10/22/24 17:02*	*10/24/24 17:18*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 141*	*10/22/24 17:02*	*10/24/24 17:18*	*1*
4-Bromofluorobenzene (Surr)	*100*		*50 - 131*	*10/22/24 17:02*	*10/24/24 17:18*	*1*
Toluene-d8 (Surr)	*98*		*52 - 141*	*10/22/24 17:02*	*10/24/24 17:18*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**14**	**J**	400	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1

Client Sample ID: SB-117_4-5

Date Collected: 10/18/24 08:25
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-68

Matrix: Solid
Percent Solids: 81.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		400	24	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2,4,5-Trichlorophenol	ND		400	41	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2,4,6-Trichlorophenol	ND		160	52	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2,4-Dichlorophenol	ND		160	26	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2,4-Dimethylphenol	ND	*+	400	48	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2,4-Dinitrophenol	ND		320	200	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2,4-Dinitrotoluene	ND		82	43	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2,6-Dinitrotoluene	ND		82	29	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2-Chloronaphthalene	ND		400	19	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2-Methylnaphthalene	**29**	**J**	400	11	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2-Methylphenol	ND		400	15	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2-Nitroaniline	ND		400	31	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
2-Nitrophenol	ND		400	40	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
3,3'-Dichlorobenzidine	ND		160	61	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
3-Nitroaniline	ND		400	96	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
4-Chloro-3-methylphenol	ND		400	23	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
4-Chloroaniline	ND		400	72	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
4-Methylphenol	ND		400	25	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
4-Nitroaniline	ND		400	46	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
4-Nitrophenol	ND		820	66	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Acenaphthene	**110**	**J**	400	11	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Acenaphthylene	ND		400	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Acetophenone	ND		400	20	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Anthracene	**160**	**J**	400	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Atrazine	ND		160	24	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Benzaldehyde	ND		400	67	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Benzo[a]anthracene	**200**		40	30	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Benzo[a]pyrene	**180**		40	11	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Benzo[b]fluoranthene	**170**		40	10	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Benzo[g,h,i]perylene	**79**	**J *+**	400	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Benzo[k]fluoranthene	**68**		40	7.9	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Caprolactam	ND		400	63	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Carbazole	ND		400	15	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Chrysene	**210**	**J**	400	17	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Di-n-butyl phthalate	**52**	**J**	400	15	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Di-n-octyl phthalate	ND		400	21	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Dibenz(a,h)anthracene	**18**	**J**	40	17	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Dibenzofuran	ND		400	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Dimethyl phthalate	ND		400	92	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Fluoranthene	**360**	**J**	400	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Fluorene	**94**	**J**	400	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1

Client Sample ID: SB-117_4-5

Date Collected: 10/18/24 08:25
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-68

Matrix: Solid
Percent Solids: 81.7

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		82	8.6	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Hexachlorocyclopentadiene	ND	*+	400	35	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Hexachloroethane	ND		40	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Indeno[1,2,3-cd]pyrene	**79**		40	16	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Isophorone	ND		160	120	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Naphthalene	**12**	**J**	400	7.0	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Nitrobenzene	ND		40	22	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Pentachlorophenol	ND		320	83	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Phenanthrene	**590**		400	16	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Phenol	ND		400	15	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Pyrene	**490**		400	10	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Bis(2-chloroethoxy)methane	ND		400	31	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1
Bis(2-ethylhexyl) phthalate	ND		400	21	ug/Kg	☼	10/31/24 20:24	11/01/24 16:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*6.80*	*N/A*	*10/31/24 20:24*	*11/01/24 16:20*	*1*
Cyclic octaatomic sulfur	*4400*	*T J N*	*ug/Kg*	☼	*7.62*	*10544-50-0*	*10/31/24 20:24*	*11/01/24 16:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*24 - 137*	*10/31/24 20:24*	*11/01/24 16:20*	*1*
2-Fluorophenol (Surr)	*96*		*31 - 133*	*10/31/24 20:24*	*11/01/24 16:20*	*1*
Nitrobenzene-d5 (Surr)	*95*		*31 - 120*	*10/31/24 20:24*	*11/01/24 16:20*	*1*
Phenol-d5 (Surr)	*99*		*35 - 132*	*10/31/24 20:24*	*11/01/24 16:20*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5800**		21	11	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Antimony	**0.26**		0.21	0.085	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Arsenic	**4.2**		0.43	0.14	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Barium	**28**		0.43	0.19	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Beryllium	**0.44**		0.11	0.025	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Cadmium	**0.23**		0.11	0.043	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Chromium	**59**		0.43	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Cobalt	**5.4**		0.21	0.085	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Copper	**5.4**		0.43	0.19	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Lead	**48**	**^2**	0.21	0.081	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Manganese	**210**		0.43	0.21	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Nickel	**77**		0.43	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Silver	ND		0.11	0.043	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Thallium	ND		0.11	0.042	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2
Zinc	**67**		32	4.3	mg/Kg	☼	10/27/24 19:16	11/01/24 21:03	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.055**	**J**	0.072	0.024	mg/Kg	☼	10/29/24 23:20	10/31/24 07:59	1

Client: Haley & Aldrich, Inc.
Job ID: 410-192708-1
Project/Site: Spa Road Property Annapolis MD

Client Sample ID: SB-117_4-5
Lab Sample ID: 410-192708-68

Date Collected: 10/18/24 08:25
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 81.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.56	0.20	mg/Kg	☼	10/30/24 18:45	10/31/24 20:44	1
Percent Moisture (EPA Moisture)	**18.3**		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: SB-118_0-1
Lab Sample ID: 410-192708-69

Date Collected: 10/18/24 09:15
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 94.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2,2'-oxybis[1-chloropropane]	ND		350	21	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2,4-Dimethylphenol	ND	*+	350	42	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2,4-Dinitrophenol	ND	F1 F2	280	170	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2,4-Dinitrotoluene	ND		71	38	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2,6-Dinitrotoluene	ND		71	25	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2-Chlorophenol	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2-Methylnaphthalene	ND		350	9.8	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2-Methylphenol	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
3,3'-Dichlorobenzidine	ND	F2	140	53	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
3-Nitroaniline	ND		350	83	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
4,6-Dinitro-2-methylphenol	ND	F1 F2	280	140	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
4-Chloroaniline	ND		350	62	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
4-Methylphenol	ND		350	22	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
4-Nitroaniline	ND		350	40	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
4-Nitrophenol	ND		710	57	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Acenaphthene	ND		350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Acenaphthylene	ND		350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Acetophenone	ND		350	17	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Anthracene	ND		350	11	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Atrazine	ND		140	21	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Benzaldehyde	ND		350	58	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Benzo[a]anthracene	**48**		35	26	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Benzo[a]pyrene	**67**		35	9.3	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Benzo[b]fluoranthene	**70**		35	9.1	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Benzo[g,h,i]perylene	**39**	**J F1 F2 *+**	350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Benzo[k]fluoranthene	**25**	**J**	35	6.9	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Butyl benzyl phthalate	ND		350	16	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Caprolactam	ND		350	55	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Carbazole	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Chrysene	**63**	**J**	350	15	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1

Client Sample ID: SB-118_0-1

Date Collected: 10/18/24 09:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-69

Matrix: Solid
Percent Solids: 94.2

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	**30**	**J**	350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Di-n-octyl phthalate	ND	F1	350	19	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Dibenz(a,h)anthracene	ND	F1 F2	35	15	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Dibenzofuran	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Dimethyl phthalate	ND		350	80	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Fluoranthene	**38**	**J**	350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Fluorene	ND		350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Hexachlorobenzene	ND		35	17	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Hexachlorobutadiene	ND		71	7.5	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Hexachlorocyclopentadiene	ND	F1 F2 *+	350	31	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Hexachloroethane	ND		35	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Indeno[1,2,3-cd]pyrene	**42**	**F1 F2**	35	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Isophorone	ND		140	100	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
N-Nitrosodi-n-propylamine	ND		35	25	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Naphthalene	ND		350	6.1	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Nitrobenzene	ND		35	19	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Pentachlorophenol	ND		280	72	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Phenanthrene	ND		350	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Phenol	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Pyrene	**49**	**J**	350	8.7	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Bis(2-chloroethoxy)methane	ND		350	27	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1
Bis(2-ethylhexyl) phthalate	ND		350	19	ug/Kg	☼	10/31/24 20:24	11/01/24 16:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Bisphenol-A	*20*	*J*	*ug/Kg*	☼	*7.78*	*80-05-7*	*10/31/24 20:24*	*11/01/24 16:03*	*1*
Unknown	*360*	*T J*	*ug/Kg*	☼	*10.65*	*N/A*	*10/31/24 20:24*	*11/01/24 16:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*24 - 137*	*10/31/24 20:24*	*11/01/24 16:03*	*1*
2-Fluorophenol (Surr)	*88*		*31 - 133*	*10/31/24 20:24*	*11/01/24 16:03*	*1*
Nitrobenzene-d5 (Surr)	*87*		*31 - 120*	*10/31/24 20:24*	*11/01/24 16:03*	*1*
Phenol-d5 (Surr)	*93*		*35 - 132*	*10/31/24 20:24*	*11/01/24 16:03*	*1*

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND	cn	4.9	2.0	mg/Kg	☼	10/22/24 17:14	10/24/24 23:26	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*85*	*cn*	*50 - 142*	*10/22/24 17:14*	*10/24/24 23:26*	*100*

Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	**180**	**F1 F2**	64	27	mg/Kg	☼	10/24/24 17:20	10/28/24 17:22	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr)	*81*		*49 - 154*	*10/24/24 17:20*	*10/28/24 17:22*	*5*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-118_0-1

Lab Sample ID: 410-192708-69
Date Collected: 10/18/24 09:15
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 94.2

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6700		19	9.4	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Antimony	0.65	F1	0.19	0.076	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Arsenic	8.0		0.38	0.13	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Barium	27		0.38	0.17	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Beryllium	0.48		0.095	0.023	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Cadmium	0.17		0.095	0.038	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Chromium	56		0.38	0.18	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Cobalt	4.7	^2	0.19	0.076	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Copper	31	F1	0.38	0.17	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Lead	140		0.19	0.072	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Manganese	300	F2	0.38	0.19	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Nickel	23	F2 F1	0.38	0.18	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Silver	0.064	J F2 F1	0.095	0.038	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Thallium	0.091	J	0.095	0.037	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2
Zinc	53	F2 F1	28	3.8	mg/Kg	☼	10/25/24 20:30	10/29/24 12:28	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052	J	0.062	0.021	mg/Kg	☼	10/25/24 06:19	11/05/24 07:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.51	0.18	mg/Kg	☼	10/30/24 18:45	10/31/24 20:25	1
Percent Moisture (EPA Moisture)	5.8		1.0	1.0	%			10/23/24 06:21	1

Client Sample ID: SB-118_4-5

Lab Sample ID: 410-192708-70
Date Collected: 10/18/24 09:20
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
1,1,2,2-Tetrachloroethane	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
1,1,2-Trichloroethane	ND		5.1	0.72	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
1,1-Dichloroethane	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
1,1-Dichloroethene	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
1,2,4-Trichlorobenzene	ND		10	5.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
1,2-Dibromo-3-Chloropropane	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
1,2-Dibromoethane	ND		5.1	0.72	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
1,2-Dichlorobenzene	ND		5.1	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
1,2-Dichloroethane	ND		5.1	0.61	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
1,2-Dichloropropane	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
1,3-Dichlorobenzene	ND		5.1	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
1,4-Dichlorobenzene	ND		5.1	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
2-Butanone	ND	cn	10	2.0	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
2-Hexanone	ND		10	2.6	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
4-Methyl-2-pentanone	ND		10	2.0	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Acetone	20	cn	20	6.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Benzene	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Bromodichloromethane	ND		5.1	0.72	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1

Client Sample ID: SB-118_4-5

Date Collected: 10/18/24 09:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-70

Matrix: Solid
Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		10	5.1	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Bromomethane	ND		5.1	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Carbon disulfide	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Carbon tetrachloride	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Chlorobenzene	ND		5.1	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Chloroform	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Chloromethane	ND		5.1	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
cis-1,2-Dichloroethene	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
cis-1,3-Dichloropropene	ND		5.1	0.61	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Cyclohexane	ND		5.1	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Dibromochloromethane	ND		5.1	0.51	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Dichlorodifluoromethane	ND		5.1	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Ethylbenzene	ND		5.1	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Freon 113	ND		10	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Isopropylbenzene	ND		5.1	1.5	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Methyl acetate	ND		5.1	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Methyl tertiary butyl ether	**7.5**		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Methylcyclohexane	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Methylene Chloride	ND		5.1	2.0	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Styrene	ND		5.1	0.92	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Tetrachloroethene	ND		5.1	1.5	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Toluene	ND		5.1	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
trans-1,2-Dichloroethene	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
trans-1,3-Dichloropropene	ND		5.1	0.61	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Trichloroethene	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Trichlorofluoromethane	ND		5.1	1.0	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Vinyl chloride	ND		5.1	0.82	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1
Xylenes, Total	ND		10	0.72	ug/Kg	☼	10/22/24 17:02	10/24/24 17:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclotrisiloxane, hexamethyl-	*8.1*	*T J N B*	*ug/Kg*	☼	*9.98*	*541-05-9*	*10/22/24 17:02*	*10/24/24 17:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*10/22/24 17:02*	*10/24/24 17:41*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 141*	*10/22/24 17:02*	*10/24/24 17:41*	*1*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*10/22/24 17:02*	*10/24/24 17:41*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*10/22/24 17:02*	*10/24/24 17:41*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		390	14	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2,2'-oxybis[1-chloropropane]	ND		390	24	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2,4,5-Trichlorophenol	ND		390	40	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2,4,6-Trichlorophenol	ND		160	51	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2,4-Dimethylphenol	ND	*+	390	47	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2,4-Dinitrophenol	ND		320	190	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2,4-Dinitrotoluene	ND		80	43	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1

Client Sample ID: SB-118_4-5

Date Collected: 10/18/24 09:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-70

Matrix: Solid
Percent Solids: 83.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		80	29	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2-Methylnaphthalene	ND		390	11	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2-Methylphenol	ND		390	15	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
2-Nitrophenol	ND		390	40	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
3,3'-Dichlorobenzidine	ND		160	60	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
3-Nitroaniline	ND		390	94	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
4-Bromophenyl phenyl ether	ND		390	16	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
4-Chloroaniline	ND		390	70	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
4-Methylphenol	ND		390	25	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
4-Nitroaniline	ND		390	45	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
4-Nitrophenol	ND		800	64	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Acenaphthene	ND		390	11	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Acenaphthylene	ND		390	11	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Acetophenone	ND		390	19	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Anthracene	ND		390	12	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Atrazine	ND		160	23	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Benzaldehyde	ND		390	65	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Benzo[a]anthracene	ND		39	30	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Benzo[a]pyrene	**13**	**J**	39	11	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Benzo[b]fluoranthene	**14**	**J**	39	10	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Benzo[g,h,i]perylene	ND	*+	390	12	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Benzo[k]fluoranthene	ND		39	7.7	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Butyl benzyl phthalate	ND		390	19	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Caprolactam	ND		390	61	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Carbazole	ND		390	15	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Chrysene	ND		390	17	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Di-n-butyl phthalate	**28**	**J**	390	15	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Di-n-octyl phthalate	ND		390	21	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Dibenz(a,h)anthracene	ND		39	17	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Dibenzofuran	ND		390	13	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Diethyl phthalate	ND		390	13	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Dimethyl phthalate	ND		390	90	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Fluoranthene	**21**	**J**	390	14	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Fluorene	ND		390	12	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Hexachlorobenzene	ND		39	19	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Hexachlorobutadiene	ND		80	8.4	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Hexachlorocyclopentadiene	ND	*+	390	35	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Hexachloroethane	ND		39	14	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Indeno[1,2,3-cd]pyrene	ND		39	15	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Isophorone	ND		160	110	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
N-Nitrosodi-n-propylamine	ND		39	29	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
N-Nitrosodiphenylamine	ND		390	32	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-118_4-5

Date Collected: 10/18/24 09:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-70

Matrix: Solid
Percent Solids: 83.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		390	6.8	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Nitrobenzene	ND		39	22	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Pentachlorophenol	ND		320	81	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Phenanthrene	ND		390	16	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Phenol	ND		390	15	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Pyrene	**22**	**J**	390	9.8	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Bis(2-chloroethoxy)methane	ND		390	31	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Bis(2-chloroethyl)ether	ND		39	14	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1
Bis(2-ethylhexyl) phthalate	ND		390	21	ug/Kg	☼	10/31/24 20:24	11/01/24 14:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/31/24 20:24*	*11/01/24 14:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*24 - 137*	*10/31/24 20:24*	*11/01/24 14:01*	*1*
2-Fluorophenol (Surr)	*87*		*31 - 133*	*10/31/24 20:24*	*11/01/24 14:01*	*1*
Nitrobenzene-d5 (Surr)	*86*		*31 - 120*	*10/31/24 20:24*	*11/01/24 14:01*	*1*
Phenol-d5 (Surr)	*91*		*35 - 132*	*10/31/24 20:24*	*11/01/24 14:01*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		21	10	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Antimony	**0.68**		0.21	0.084	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Arsenic	**16**		0.42	0.14	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Barium	**23**		0.42	0.19	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Beryllium	**2.4**		0.10	0.025	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Cadmium	**0.55**		0.10	0.042	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Chromium	**170**		0.42	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Cobalt	**5.6**		0.21	0.084	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Copper	**3.0**		0.42	0.19	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Lead	**24**	**^2**	0.21	0.080	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Manganese	**370**		0.42	0.21	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Nickel	**19**		0.42	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Silver	ND		0.10	0.043	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Thallium	**0.048**	**J**	0.10	0.041	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2
Zinc	**150**		31	4.2	mg/Kg	☼	10/27/24 19:16	11/01/24 21:40	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.054**	**J**	0.069	0.023	mg/Kg	☼	10/28/24 23:00	10/30/24 08:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.60	0.21	mg/Kg	☼	10/30/24 18:45	10/31/24 20:44	1
Percent Moisture (EPA Moisture)	**16.4**		1.0	1.0	%			10/25/24 09:49	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-119_0-1

Date Collected: 10/18/24 10:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-71

Matrix: Solid
Percent Solids: 94.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2,2'-oxybis[1-chloropropane]	ND		350	21	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2,4-Dimethylphenol	ND	*+	350	42	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2,4-Dinitrotoluene	ND		71	38	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2,6-Dinitrotoluene	ND		71	25	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2-Chlorophenol	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2-Methylnaphthalene	ND		350	9.8	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2-Methylphenol	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
3,3'-Dichlorobenzidine	ND		140	53	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
3-Nitroaniline	ND		350	83	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
4-Chloroaniline	ND		350	62	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
4-Methylphenol	ND		350	22	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
4-Nitroaniline	ND		350	40	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
4-Nitrophenol	ND		710	57	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Acenaphthene	ND		350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Acenaphthylene	ND		350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Acetophenone	ND		350	17	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Anthracene	ND		350	11	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Atrazine	ND		140	21	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Benzaldehyde	ND		350	58	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Benzo[a]anthracene	ND		35	26	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Benzo[a]pyrene	**20**	**J**	35	9.4	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Benzo[b]fluoranthene	**22**	**J**	35	9.1	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Benzo[g,h,i]perylene	**11**	**J *+**	350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Benzo[k]fluoranthene	ND		35	6.9	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Butyl benzyl phthalate	ND		350	16	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Caprolactam	ND		350	55	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Carbazole	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Chrysene	ND		350	15	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Di-n-butyl phthalate	**25**	**J**	350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Di-n-octyl phthalate	ND		350	19	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Dibenzofuran	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Dimethyl phthalate	ND		350	80	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Fluoranthene	ND		350	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Fluorene	ND		350	10	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1

Client Sample ID: SB-119_0-1

Date Collected: 10/18/24 10:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-71

Matrix: Solid
Percent Solids: 94.0

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		35	17	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Hexachlorobutadiene	ND		71	7.5	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Hexachlorocyclopentadiene	ND	*+	350	31	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Hexachloroethane	ND		35	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Indeno[1,2,3-cd]pyrene	ND		35	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Isophorone	ND		140	100	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
N-Nitrosodi-n-propylamine	ND		35	26	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Naphthalene	ND		350	6.1	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Nitrobenzene	ND		35	20	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Pentachlorophenol	ND		280	72	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Phenanthrene	ND		350	14	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Phenol	ND		350	13	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Pyrene	**14**	**J**	350	8.7	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Bis(2-chloroethoxy)methane	ND		350	27	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1
Bis(2-ethylhexyl) phthalate	ND		350	19	ug/Kg	☼	10/31/24 20:24	11/01/24 16:55	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*650*	*T A J*	*ug/Kg*	☼	*2.46*	*N/A*	*10/31/24 20:24*	*11/01/24 16:55*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*24 - 137*	*10/31/24 20:24*	*11/01/24 16:55*	*1*
2-Fluorophenol (Surr)	*90*		*31 - 133*	*10/31/24 20:24*	*11/01/24 16:55*	*1*
Nitrobenzene-d5 (Surr)	*93*		*31 - 120*	*10/31/24 20:24*	*11/01/24 16:55*	*1*
Phenol-d5 (Surr)	*93*		*35 - 132*	*10/31/24 20:24*	*11/01/24 16:55*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3200**		19	9.5	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2
Antimony	**0.099**	**J**	0.19	0.077	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2
Arsenic	**7.7**		0.38	0.13	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2
Barium	**26**		0.38	0.18	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2
Beryllium	**0.37**		0.096	0.023	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2
Cadmium	**0.059**	**J**	0.096	0.038	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2
Chromium	**230**		1.9	0.91	mg/Kg	☼	10/26/24 04:11	10/31/24 20:27	10
Cobalt	**46**		0.19	0.077	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2
Copper	**4.4**	**^2**	0.38	0.17	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2
Lead	**5.5**		0.19	0.073	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2
Manganese	**580**		0.38	0.19	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2
Nickel	**1000**		19	9.1	mg/Kg	☼	10/26/24 04:11	10/31/24 20:37	100
Silver	ND		0.096	0.039	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2
Thallium	ND		0.096	0.038	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2
Zinc	**28**	**J**	29	3.8	mg/Kg	☼	10/26/24 04:11	10/31/24 20:25	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.061	0.020	mg/Kg	☼	10/28/24 23:00	10/30/24 08:36	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-119_0-1

Lab Sample ID: 410-192708-71
Date Collected: 10/18/24 10:15
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 94.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.50	0.18	mg/Kg	☼	10/30/24 18:45	10/31/24 20:45	1
Percent Moisture (EPA Moisture)	**6.0**		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: SB-119_4-5

Lab Sample ID: 410-192708-72
Date Collected: 10/18/24 10:20
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
1,1,2-Trichloroethane	ND		6.0	0.84	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
1,1-Dichloroethane	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
1,1-Dichloroethene	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
1,2,4-Trichlorobenzene	ND		12	6.0	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
1,2-Dibromo-3-Chloropropane	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
1,2-Dibromoethane	ND		6.0	0.84	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
1,2-Dichlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
1,2-Dichloroethane	ND		6.0	0.72	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
1,2-Dichloropropane	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
1,3-Dichlorobenzene	ND		6.0	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
1,4-Dichlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
2-Butanone	ND	cn	12	2.4	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
2-Hexanone	ND		12	3.0	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
4-Methyl-2-pentanone	ND		12	2.4	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Acetone	**39**	**cn**	24	7.2	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Benzene	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Bromodichloromethane	ND		6.0	0.84	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Bromoform	ND		12	6.0	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Bromomethane	ND		6.0	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Carbon disulfide	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Carbon tetrachloride	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Chlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Chloroethane	ND		6.0	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Chloroform	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Chloromethane	ND		6.0	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
cis-1,2-Dichloroethene	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
cis-1,3-Dichloropropene	ND		6.0	0.72	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Cyclohexane	ND		6.0	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Dibromochloromethane	ND		6.0	0.60	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Dichlorodifluoromethane	ND		6.0	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Ethylbenzene	ND		6.0	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Freon 113	ND		12	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Isopropylbenzene	ND		6.0	1.8	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Methyl acetate	ND		6.0	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Methyl tertiary butyl ether	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Methylcyclohexane	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Methylene Chloride	ND		6.0	2.4	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Styrene	ND		6.0	1.1	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Tetrachloroethene	ND		6.0	1.8	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1

Client Sample ID: SB-119_4-5

Date Collected: 10/18/24 10:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-72

Matrix: Solid
Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		6.0	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
trans-1,2-Dichloroethene	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
trans-1,3-Dichloropropene	ND		6.0	0.72	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Trichloroethene	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Trichlorofluoromethane	ND		6.0	1.2	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Vinyl chloride	ND		6.0	0.96	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1
Xylenes, Total	ND		12	0.84	ug/Kg	☼	10/22/24 17:02	10/24/24 18:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*18*	*T J B*	*ug/Kg*	☼	*9.98*	*N/A*	*10/22/24 17:02*	*10/24/24 18:03*	*1*
Cyclotetrasiloxane, octamethyl-	*30*	*T J N B*	*ug/Kg*	☼	*12.03*	*556-67-2*	*10/22/24 17:02*	*10/24/24 18:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*	*10/22/24 17:02*	*10/24/24 18:03*	*1*
Dibromofluoromethane (Surr)	*104*		*50 - 141*	*10/22/24 17:02*	*10/24/24 18:03*	*1*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*	*10/22/24 17:02*	*10/24/24 18:03*	*1*
Toluene-d8 (Surr)	*98*		*52 - 141*	*10/22/24 17:02*	*10/24/24 18:03*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		390	14	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2,2'-oxybis[1-chloropropane]	ND		390	23	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2,4,5-Trichlorophenol	ND		390	40	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2,4,6-Trichlorophenol	ND		160	50	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2,4-Dimethylphenol	ND	*+	390	47	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2,4-Dinitrophenol	ND		310	190	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2,4-Dinitrotoluene	ND		79	42	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2,6-Dinitrotoluene	ND		79	28	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2-Methylnaphthalene	ND		390	11	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2-Methylphenol	ND		390	15	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
2-Nitrophenol	ND		390	39	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
3,3'-Dichlorobenzidine	ND		160	59	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
3-Nitroaniline	ND		390	93	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
4-Bromophenyl phenyl ether	ND		390	15	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
4-Chloroaniline	ND		390	69	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
4-Methylphenol	ND		390	24	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
4-Nitroaniline	ND		390	45	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
4-Nitrophenol	ND		790	64	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Acenaphthene	ND		390	11	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Acenaphthylene	ND		390	11	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Acetophenone	ND		390	19	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Anthracene	ND		390	12	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1

Client Sample ID: SB-119_4-5

Date Collected: 10/18/24 10:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-72

Matrix: Solid
Percent Solids: 84.6

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		160	23	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Benzaldehyde	ND		390	65	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Benzo[a]anthracene	ND		39	29	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Benzo[a]pyrene	**20**	**J**	39	10	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Benzo[b]fluoranthene	**22**	**J**	39	10	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Benzo[g,h,i]perylene	**15**	**J *+**	390	12	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Benzo[k]fluoranthene	**8.3**	**J**	39	7.7	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Butyl benzyl phthalate	ND		390	18	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Caprolactam	ND		390	61	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Carbazole	ND		390	15	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Chrysene	**18**	**J**	390	16	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Di-n-butyl phthalate	**36**	**J**	390	15	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Di-n-octyl phthalate	ND		390	21	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Dibenz(a,h)anthracene	ND		39	17	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Dibenzofuran	ND		390	13	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Diethyl phthalate	ND		390	13	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Dimethyl phthalate	ND		390	89	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Fluoranthene	**22**	**J**	390	14	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Fluorene	ND		390	11	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Hexachlorobenzene	ND		39	19	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Hexachlorobutadiene	ND		79	8.3	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Hexachlorocyclopentadiene	ND	*+	390	34	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Hexachloroethane	ND		39	13	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Indeno[1,2,3-cd]pyrene	ND		39	15	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Isophorone	ND		160	110	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
N-Nitrosodi-n-propylamine	ND		39	28	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
N-Nitrosodiphenylamine	ND		390	32	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Naphthalene	ND		390	6.7	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Nitrobenzene	ND		39	22	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Pentachlorophenol	ND		310	80	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Phenanthrene	ND		390	16	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Phenol	ND		390	14	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Pyrene	**29**	**J**	390	9.7	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Bis(2-chloroethoxy)methane	ND		390	30	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Bis(2-chloroethyl)ether	ND		39	14	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1
Bis(2-ethylhexyl) phthalate	ND		390	21	ug/Kg	☼	10/31/24 21:25	11/01/24 14:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/31/24 21:25*	*11/01/24 14:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*24 - 137*	*10/31/24 21:25*	*11/01/24 14:19*	*1*
2-Fluorophenol (Surr)	*89*		*31 - 133*	*10/31/24 21:25*	*11/01/24 14:19*	*1*
Nitrobenzene-d5 (Surr)	*90*		*31 - 120*	*10/31/24 21:25*	*11/01/24 14:19*	*1*
Phenol-d5 (Surr)	*92*		*35 - 132*	*10/31/24 21:25*	*11/01/24 14:19*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14000**		23	11	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2

Client Sample ID: SB-119_4-5

Lab Sample ID: 410-192708-72

Date Collected: 10/18/24 10:20
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 84.6

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.2		0.23	0.091	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2
Arsenic	20		0.45	0.15	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2
Barium	25		0.45	0.21	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2
Beryllium	1.9		0.11	0.027	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2
Cadmium	0.86		0.11	0.045	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2
Chromium	240		2.3	1.1	mg/Kg	☼	10/27/24 19:16	11/01/24 21:38	10
Cobalt	6.3		0.23	0.091	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2
Copper	2.2		0.45	0.20	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2
Lead	12	^2	0.23	0.086	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2
Manganese	230		0.45	0.23	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2
Nickel	27		0.45	0.22	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2
Silver	ND		0.11	0.046	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2
Thallium	ND		0.11	0.045	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2
Zinc	140		34	4.5	mg/Kg	☼	10/27/24 19:16	11/01/24 21:36	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.068	0.023	mg/Kg	☼	10/28/24 23:00	10/30/24 08:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.56	0.20	mg/Kg	☼	10/30/24 18:45	10/31/24 20:45	1
Percent Moisture (EPA Moisture)	15.4		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: FD-04_20241018

Lab Sample ID: 410-192708-73

Date Collected: 10/18/24 00:00
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 93.9

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7200		20	9.9	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Antimony	0.10	J	0.20	0.080	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Arsenic	3.1		0.40	0.13	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Barium	35		0.40	0.18	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Beryllium	0.31		0.10	0.024	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Cadmium	0.086	J	0.10	0.040	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Chromium	53		0.40	0.19	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Cobalt	7.3		0.20	0.080	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Copper	13	^2	0.40	0.18	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Lead	8.3		0.20	0.076	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Manganese	230		0.40	0.20	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Nickel	80		0.40	0.19	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Silver	ND		0.10	0.041	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Thallium	0.073	J	0.10	0.039	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2
Zinc	42		30	4.0	mg/Kg	☼	10/26/24 04:11	10/31/24 20:29	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.061	0.020	mg/Kg	☼	10/28/24 23:00	10/30/24 08:38	1

Client Sample ID: FD-04_20241018

Lab Sample ID: 410-192708-73
Date Collected: 10/18/24 00:00
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 93.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.53	0.19	mg/Kg	☼	10/30/24 18:45	10/31/24 20:48	1
Percent Moisture (EPA Moisture)	**6.1**		1.0	1.0	%			10/25/24 09:49	1

Client Sample ID: FB-04_20241018

Lab Sample ID: 410-192708-74
Date Collected: 10/18/24 11:00
Matrix: Water
Date Received: 10/18/24 15:58

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		10/22/24 07:25	10/30/24 13:08	1
Antimony	ND		1.0	0.20	ug/L		10/22/24 07:25	10/30/24 13:08	1
Arsenic	ND		2.0	0.68	ug/L		10/22/24 07:25	10/30/24 13:08	1
Barium	ND		2.0	0.75	ug/L		10/22/24 07:25	10/30/24 13:08	1
Beryllium	ND		0.50	0.12	ug/L		10/22/24 07:25	10/30/24 13:08	1
Cadmium	ND		0.50	0.15	ug/L		10/22/24 07:25	10/30/24 13:08	1
Chromium	ND		2.0	0.55	ug/L		10/22/24 07:25	10/30/24 13:08	1
Cobalt	ND		0.50	0.16	ug/L		10/22/24 07:25	10/30/24 13:08	1
Copper	ND		1.0	0.36	ug/L		10/22/24 07:25	10/30/24 13:08	1
Lead	ND		0.50	0.12	ug/L		10/22/24 07:25	10/30/24 13:08	1
Manganese	ND		2.0	0.95	ug/L		10/22/24 07:25	10/30/24 13:08	1
Nickel	ND		1.0	0.40	ug/L		10/22/24 07:25	10/30/24 13:08	1
Silver	ND		0.50	0.10	ug/L		10/22/24 07:25	10/30/24 13:08	1
Thallium	ND		0.50	0.13	ug/L		10/22/24 07:25	10/30/24 13:08	1
Zinc	ND		10	4.0	ug/L		10/22/24 07:25	10/30/24 13:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		10/24/24 04:35	10/29/24 17:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.010	0.0050	mg/L		10/30/24 10:00	10/30/24 19:37	1

Client Sample ID: TB-04_20241018

Lab Sample ID: 410-192708-75
Date Collected: 10/18/24 00:00
Matrix: Water
Date Received: 10/18/24 15:58

Method: SW846 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	0.30	ug/L			10/27/24 22:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/27/24 22:06	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/27/24 22:06	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/27/24 22:06	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/27/24 22:06	1
1,2,4-Trichlorobenzene	ND	cn	5.0	0.30	ug/L			10/27/24 22:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			10/27/24 22:06	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			10/27/24 22:06	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			10/27/24 22:06	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/27/24 22:06	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/27/24 22:06	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			10/27/24 22:06	1

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: TB-04_20241018

Lab Sample ID: 410-192708-75

Date Collected: 10/18/24 00:00
Date Received: 10/18/24 15:58

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			10/27/24 22:06	1
2-Butanone	ND		10	0.50	ug/L			10/27/24 22:06	1
2-Hexanone	ND		10	0.85	ug/L			10/27/24 22:06	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			10/27/24 22:06	1
Acetone	ND		20	0.70	ug/L			10/27/24 22:06	1
Benzene	ND		1.0	0.30	ug/L			10/27/24 22:06	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/27/24 22:06	1
Bromoform	ND		4.0	1.0	ug/L			10/27/24 22:06	1
Bromomethane	ND		1.0	0.30	ug/L			10/27/24 22:06	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/27/24 22:06	1
Carbon tetrachloride	ND	cn	1.0	0.30	ug/L			10/27/24 22:06	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/27/24 22:06	1
Chloroethane	ND		1.0	0.30	ug/L			10/27/24 22:06	1
Chloroform	ND		1.0	0.30	ug/L			10/27/24 22:06	1
Chloromethane	ND		2.0	0.55	ug/L			10/27/24 22:06	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/27/24 22:06	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/27/24 22:06	1
Cyclohexane	ND	cn	5.0	1.0	ug/L			10/27/24 22:06	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/27/24 22:06	1
Dichlorodifluoromethane	ND	cn	1.0	0.30	ug/L			10/27/24 22:06	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/27/24 22:06	1
Freon 113	ND	cn	10	0.30	ug/L			10/27/24 22:06	1
Isopropylbenzene	ND	cn	5.0	0.30	ug/L			10/27/24 22:06	1
Methyl acetate	ND		5.0	0.30	ug/L			10/27/24 22:06	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			10/27/24 22:06	1
Methylcyclohexane	ND	cn	5.0	0.50	ug/L			10/27/24 22:06	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/27/24 22:06	1
Styrene	ND		5.0	0.30	ug/L			10/27/24 22:06	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/27/24 22:06	1
Toluene	ND		1.0	0.30	ug/L			10/27/24 22:06	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/27/24 22:06	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/27/24 22:06	1
Trichloroethene	ND		1.0	0.30	ug/L			10/27/24 22:06	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			10/27/24 22:06	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/27/24 22:06	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/27/24 22:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/27/24 22:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 120*		*10/27/24 22:06*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/27/24 22:06*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*10/27/24 22:06*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/27/24 22:06*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-15_20241024

Date Collected: 10/24/24 15:40
Date Received: 10/25/24 18:12

Lab Sample ID: 410-192708-76

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
1,1,2,2-Tetrachloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
1,1,2-Trichloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
1,1-Dichloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
1,1-Dichloroethene	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
1,2,4-Trichlorobenzene	ND	cn	50	3.0	ug/L			11/06/24 01:16	10
1,2-Dibromo-3-Chloropropane	ND	cn	50	3.0	ug/L			11/06/24 01:16	10
1,2-Dibromoethane	ND	cn	10	2.0	ug/L			11/06/24 01:16	10
1,2-Dichlorobenzene	ND	cn	50	2.0	ug/L			11/06/24 01:16	10
1,2-Dichloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
1,2-Dichloropropane	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
1,3-Dichlorobenzene	ND	cn	50	6.8	ug/L			11/06/24 01:16	10
1,4-Dichlorobenzene	ND	cn	50	3.0	ug/L			11/06/24 01:16	10
2-Butanone	ND	cn	100	5.0	ug/L			11/06/24 01:16	10
2-Hexanone	ND	cn	100	8.5	ug/L			11/06/24 01:16	10
4-Methyl-2-pentanone	ND	cn	100	5.0	ug/L			11/06/24 01:16	10
Acetone	ND	cn	200	7.0	ug/L			11/06/24 01:16	10
Benzene	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
Bromodichloromethane	ND	cn	10	2.0	ug/L			11/06/24 01:16	10
Bromoform	ND	cn	40	10	ug/L			11/06/24 01:16	10
Bromomethane	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
Carbon disulfide	ND	cn	50	3.0	ug/L			11/06/24 01:16	10
Carbon tetrachloride	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
Chlorobenzene	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
Chloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
Chloroform	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
Chloromethane	ND	cn	20	5.5	ug/L			11/06/24 01:16	10
cis-1,2-Dichloroethene	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
cis-1,3-Dichloropropene	ND	cn	10	2.0	ug/L			11/06/24 01:16	10
Cyclohexane	ND	cn	50	10	ug/L			11/06/24 01:16	10
Dibromochloromethane	ND	cn	10	2.0	ug/L			11/06/24 01:16	10
Dichlorodifluoromethane	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
Ethylbenzene	ND	cn	10	4.0	ug/L			11/06/24 01:16	10
Freon 113	ND	cn	100	3.0	ug/L			11/06/24 01:16	10
Isopropylbenzene	ND	cn	50	3.0	ug/L			11/06/24 01:16	10
Methyl acetate	ND	cn	50	3.0	ug/L			11/06/24 01:16	10
Methyl tertiary butyl ether	ND	cn	10	2.0	ug/L			11/06/24 01:16	10
Methylcyclohexane	ND	cn	50	5.0	ug/L			11/06/24 01:16	10
Methylene Chloride	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
Styrene	ND	cn	50	3.0	ug/L			11/06/24 01:16	10
Tetrachloroethene	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
Toluene	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
trans-1,2-Dichloroethene	ND	cn	20	7.0	ug/L			11/06/24 01:16	10
trans-1,3-Dichloropropene	ND	cn	10	2.0	ug/L			11/06/24 01:16	10
Trichloroethene	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
Trichlorofluoromethane	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
Vinyl chloride	ND	cn	10	3.0	ug/L			11/06/24 01:16	10
Xylenes, Total	ND	cn	10	4.0	ug/L			11/06/24 01:16	10

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-15_20241024

Date Collected: 10/24/24 15:40
Date Received: 10/25/24 18:12

Lab Sample ID: 410-192708-76

Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None	cn	ug/L			N/A		11/06/24 01:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103	cn	80 - 120		11/06/24 01:16	10
4-Bromofluorobenzene (Surr)	99	cn	80 - 120		11/06/24 01:16	10
Dibromofluoromethane (Surr)	102	cn	80 - 120		11/06/24 01:16	10
Toluene-d8 (Surr)	96	cn	80 - 120		11/06/24 01:16	10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 09:05	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		10/31/24 19:46	11/01/24 09:05	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		10/31/24 19:46	11/01/24 09:05	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		10/31/24 19:46	11/01/24 09:05	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 09:05	1
2,4-Dimethylphenol	ND		10	0.62	ug/L		10/31/24 19:46	11/01/24 09:05	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		10/31/24 19:46	11/01/24 09:05	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		10/31/24 19:46	11/01/24 09:05	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		10/31/24 19:46	11/01/24 09:05	1
2-Chloronaphthalene	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 09:05	1
2-Chlorophenol	ND		10	0.38	ug/L		10/31/24 19:46	11/01/24 09:05	1
2-Methylnaphthalene	ND		10	0.53	ug/L		10/31/24 19:46	11/01/24 09:05	1
2-Methylphenol	ND		10	0.67	ug/L		10/31/24 19:46	11/01/24 09:05	1
2-Nitroaniline	ND		10	0.47	ug/L		10/31/24 19:46	11/01/24 09:05	1
2-Nitrophenol	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 09:05	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		10/31/24 19:46	11/01/24 09:05	1
3-Nitroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 09:05	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		10/31/24 19:46	11/01/24 09:05	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 09:05	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		10/31/24 19:46	11/01/24 09:05	1
4-Chloroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 09:05	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 09:05	1
4-Methylphenol	ND		10	0.65	ug/L		10/31/24 19:46	11/01/24 09:05	1
4-Nitroaniline	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 09:05	1
4-Nitrophenol	ND		20	4.0	ug/L		10/31/24 19:46	11/01/24 09:05	1
Acenaphthene	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 09:05	1
Acenaphthylene	ND		10	0.82	ug/L		10/31/24 19:46	11/01/24 09:05	1
Acetophenone	ND		10	2.3	ug/L		10/31/24 19:46	11/01/24 09:05	1
Anthracene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 09:05	1
Atrazine	ND	*+	2.0	1.3	ug/L		10/31/24 19:46	11/01/24 09:05	1
Benzaldehyde	ND		10	2.1	ug/L		10/31/24 19:46	11/01/24 09:05	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		10/31/24 19:46	11/01/24 09:05	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		10/31/24 19:46	11/01/24 09:05	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		10/31/24 19:46	11/01/24 09:05	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		10/31/24 19:46	11/01/24 09:05	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		10/31/24 19:46	11/01/24 09:05	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		10/31/24 19:46	11/01/24 09:05	1
Caprolactam	ND		10	2.2	ug/L		10/31/24 19:46	11/01/24 09:05	1
Carbazole	ND		10	0.68	ug/L		10/31/24 19:46	11/01/24 09:05	1

Client Sample ID: MW-15_20241024

Lab Sample ID: 410-192708-76

Date Collected: 10/24/24 15:40
Matrix: Water
Date Received: 10/25/24 18:12

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		2.0	0.91	ug/L		10/31/24 19:46	11/01/24 09:05	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 09:05	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 09:05	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		10/31/24 19:46	11/01/24 09:05	1
Dibenzofuran	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 09:05	1
Diethyl phthalate	ND		10	0.98	ug/L		10/31/24 19:46	11/01/24 09:05	1
Dimethyl phthalate	ND		10	0.77	ug/L		10/31/24 19:46	11/01/24 09:05	1
Fluoranthene	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 09:05	1
Fluorene	ND		10	0.91	ug/L		10/31/24 19:46	11/01/24 09:05	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		10/31/24 19:46	11/01/24 09:05	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		10/31/24 19:46	11/01/24 09:05	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		10/31/24 19:46	11/01/24 09:05	1
Hexachloroethane	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 09:05	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		10/31/24 19:46	11/01/24 09:05	1
Isophorone	ND		10	0.80	ug/L		10/31/24 19:46	11/01/24 09:05	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		10/31/24 19:46	11/01/24 09:05	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		10/31/24 19:46	11/01/24 09:05	1
Naphthalene	ND		2.0	0.54	ug/L		10/31/24 19:46	11/01/24 09:05	1
Nitrobenzene	ND		1.0	0.57	ug/L		10/31/24 19:46	11/01/24 09:05	1
Pentachlorophenol	ND		20	1.4	ug/L		10/31/24 19:46	11/01/24 09:05	1
Phenanthrene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 09:05	1
Phenol	ND		10	0.29	ug/L		10/31/24 19:46	11/01/24 09:05	1
Pyrene	ND		10	1.6	ug/L		10/31/24 19:46	11/01/24 09:05	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		10/31/24 19:46	11/01/24 09:05	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		10/31/24 19:46	11/01/24 09:05	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 09:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*10/31/24 19:46*	*11/01/24 09:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*107*		*37 - 150*	*10/31/24 19:46*	*11/01/24 09:05*	*1*
2-Fluorophenol (Surr)	*51*		*16 - 80*	*10/31/24 19:46*	*11/01/24 09:05*	*1*
Nitrobenzene-d5 (Surr)	*103*		*51 - 145*	*10/31/24 19:46*	*11/01/24 09:05*	*1*
Phenol-d5 (Surr)	*39*		*10 - 56*	*10/31/24 19:46*	*11/01/24 09:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/04/24 22:39	1
PCB-1221 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/04/24 22:39	1
PCB-1232 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/04/24 22:39	1
PCB-1242 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/04/24 22:39	1
PCB-1248 (1C)	ND		0.51	0.080	ug/L		11/01/24 07:26	11/04/24 22:39	1
PCB-1254 (1C)	ND		0.51	0.080	ug/L		11/01/24 07:26	11/04/24 22:39	1
PCB-1260 (1C)	ND		0.51	0.080	ug/L		11/01/24 07:26	11/04/24 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*40*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/04/24 22:39*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*37*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/04/24 22:39*	*1*

Client Sample ID: MW-15_20241024

Lab Sample ID: 410-192708-76

Date Collected: 10/24/24 15:40
Matrix: Water
Date Received: 10/25/24 18:12

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (1C)	*79*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/04/24 22:39*	*1*
Tetrachloro-m-xylene (2C)	*71*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/04/24 22:39*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**150**		25	12	ug/L		11/03/24 21:00	11/04/24 22:31	1
Antimony	ND		1.0	0.20	ug/L		11/03/24 21:00	11/04/24 22:31	1
Arsenic	**11**		2.0	0.68	ug/L		11/03/24 21:00	11/04/24 22:31	1
Barium	**270**		2.0	0.75	ug/L		11/03/24 21:00	11/04/24 22:31	1
Beryllium	ND		0.50	0.12	ug/L		11/03/24 21:00	11/04/24 22:31	1
Cadmium	ND		0.50	0.15	ug/L		11/03/24 21:00	11/04/24 22:31	1
Chromium	**1.6**	**J**	2.0	0.55	ug/L		11/03/24 21:00	11/04/24 22:31	1
Cobalt	**0.42**	**J**	0.50	0.16	ug/L		11/03/24 21:00	11/04/24 22:31	1
Copper	ND		1.0	0.36	ug/L		11/03/24 21:00	11/04/24 22:31	1
Lead	**3.4**		0.50	0.12	ug/L		11/03/24 21:00	11/04/24 22:31	1
Manganese	**400**		2.0	0.95	ug/L		11/03/24 21:00	11/04/24 22:31	1
Nickel	ND		1.0	0.40	ug/L		11/03/24 21:00	11/04/24 22:31	1
Silver	ND		0.50	0.10	ug/L		11/03/24 21:00	11/04/24 22:31	1
Thallium	ND		0.50	0.13	ug/L		11/03/24 21:00	11/04/24 22:31	1
Zinc	**4.9**	**J**	10	4.0	ug/L		11/03/24 21:00	11/04/24 22:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		10/30/24 10:55	11/07/24 10:54	1

Client Sample ID: FB-05_20241024

Lab Sample ID: 410-192708-77

Date Collected: 10/24/24 14:15
Matrix: Water
Date Received: 10/25/24 18:12

Method: SW846 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	0.30	ug/L			11/05/24 21:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/05/24 21:04	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/05/24 21:04	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/05/24 21:04	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/05/24 21:04	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/05/24 21:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/05/24 21:04	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/05/24 21:04	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/05/24 21:04	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/05/24 21:04	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/05/24 21:04	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/05/24 21:04	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/05/24 21:04	1
2-Butanone	ND		10	0.50	ug/L			11/05/24 21:04	1
2-Hexanone	ND		10	0.85	ug/L			11/05/24 21:04	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/05/24 21:04	1
Acetone	ND		20	0.70	ug/L			11/05/24 21:04	1
Benzene	ND		1.0	0.30	ug/L			11/05/24 21:04	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/05/24 21:04	1

Client Sample ID: FB-05_20241024

Date Collected: 10/24/24 14:15
Date Received: 10/25/24 18:12

Lab Sample ID: 410-192708-77

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		4.0	1.0	ug/L			11/05/24 21:04	1
Bromomethane	ND		1.0	0.30	ug/L			11/05/24 21:04	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/05/24 21:04	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/05/24 21:04	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/05/24 21:04	1
Chloroethane	ND		1.0	0.30	ug/L			11/05/24 21:04	1
Chloroform	ND		1.0	0.30	ug/L			11/05/24 21:04	1
Chloromethane	ND		2.0	0.55	ug/L			11/05/24 21:04	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/05/24 21:04	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/05/24 21:04	1
Cyclohexane	ND		5.0	1.0	ug/L			11/05/24 21:04	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/05/24 21:04	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/05/24 21:04	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/05/24 21:04	1
Freon 113	ND		10	0.30	ug/L			11/05/24 21:04	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/05/24 21:04	1
Methyl acetate	ND		5.0	0.30	ug/L			11/05/24 21:04	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/05/24 21:04	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/05/24 21:04	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/05/24 21:04	1
Styrene	ND		5.0	0.30	ug/L			11/05/24 21:04	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/05/24 21:04	1
Toluene	ND		1.0	0.30	ug/L			11/05/24 21:04	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/05/24 21:04	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/05/24 21:04	1
Trichloroethene	ND		1.0	0.30	ug/L			11/05/24 21:04	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/05/24 21:04	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/05/24 21:04	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/05/24 21:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*11/05/24 21:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*11/05/24 21:04*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/05/24 21:04*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*11/05/24 21:04*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/05/24 21:04*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	cn	10	1.2	ug/L		10/31/24 19:46	11/01/24 09:26	1
2,2'-oxybis[1-chloropropane]	ND	cn	10	0.63	ug/L		10/31/24 19:46	11/01/24 09:26	1
2,4,5-Trichlorophenol	ND	cn	10	0.88	ug/L		10/31/24 19:46	11/01/24 09:26	1
2,4,6-Trichlorophenol	ND	cn	10	0.86	ug/L		10/31/24 19:46	11/01/24 09:26	1
2,4-Dichlorophenol	ND	cn	10	1.1	ug/L		10/31/24 19:46	11/01/24 09:26	1
2,4-Dimethylphenol	ND	cn	10	0.62	ug/L		10/31/24 19:46	11/01/24 09:26	1
2,4-Dinitrophenol	ND	cn	40	2.6	ug/L		10/31/24 19:46	11/01/24 09:26	1
2,4-Dinitrotoluene	ND	cn	10	1.0	ug/L		10/31/24 19:46	11/01/24 09:26	1

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: FB-05_20241024
Date Collected: 10/24/24 14:15
Date Received: 10/25/24 18:12

Lab Sample ID: 410-192708-77
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND	cn	2.0	0.83	ug/L		10/31/24 19:46	11/01/24 09:26	1
2-Chloronaphthalene	ND	cn	10	1.2	ug/L		10/31/24 19:46	11/01/24 09:26	1
2-Chlorophenol	ND	cn	10	0.38	ug/L		10/31/24 19:46	11/01/24 09:26	1
2-Methylnaphthalene	ND	cn	10	0.53	ug/L		10/31/24 19:46	11/01/24 09:26	1
2-Methylphenol	ND	cn	10	0.67	ug/L		10/31/24 19:46	11/01/24 09:26	1
2-Nitroaniline	ND	cn	10	0.47	ug/L		10/31/24 19:46	11/01/24 09:26	1
2-Nitrophenol	ND	cn	10	0.75	ug/L		10/31/24 19:46	11/01/24 09:26	1
3,3'-Dichlorobenzidine	ND	cn	10	1.4	ug/L		10/31/24 19:46	11/01/24 09:26	1
3-Nitroaniline	ND	cn	10	1.9	ug/L		10/31/24 19:46	11/01/24 09:26	1
4,6-Dinitro-2-methylphenol	ND	cn	20	3.0	ug/L		10/31/24 19:46	11/01/24 09:26	1
4-Bromophenyl phenyl ether	ND	cn	10	0.75	ug/L		10/31/24 19:46	11/01/24 09:26	1
4-Chloro-3-methylphenol	ND	cn	10	0.58	ug/L		10/31/24 19:46	11/01/24 09:26	1
4-Chloroaniline	ND	cn	10	1.9	ug/L		10/31/24 19:46	11/01/24 09:26	1
4-Chlorophenyl phenyl ether	ND	cn	10	1.3	ug/L		10/31/24 19:46	11/01/24 09:26	1
4-Methylphenol	ND	cn	10	0.65	ug/L		10/31/24 19:46	11/01/24 09:26	1
4-Nitroaniline	ND	cn	10	1.2	ug/L		10/31/24 19:46	11/01/24 09:26	1
4-Nitrophenol	ND	cn	20	4.0	ug/L		10/31/24 19:46	11/01/24 09:26	1
Acenaphthene	ND	cn	10	1.1	ug/L		10/31/24 19:46	11/01/24 09:26	1
Acenaphthylene	ND	cn	10	0.82	ug/L		10/31/24 19:46	11/01/24 09:26	1
Acetophenone	ND	cn	10	2.3	ug/L		10/31/24 19:46	11/01/24 09:26	1
Anthracene	ND	cn	10	1.3	ug/L		10/31/24 19:46	11/01/24 09:26	1
Atrazine	ND	*+ cn	2.0	1.3	ug/L		10/31/24 19:46	11/01/24 09:26	1
Benzaldehyde	ND	cn	10	2.1	ug/L		10/31/24 19:46	11/01/24 09:26	1
Benzo[a]anthracene	ND	cn	1.0	0.59	ug/L		10/31/24 19:46	11/01/24 09:26	1
Benzo[a]pyrene	ND	cn	1.0	0.41	ug/L		10/31/24 19:46	11/01/24 09:26	1
Benzo[b]fluoranthene	ND	cn	2.0	0.68	ug/L		10/31/24 19:46	11/01/24 09:26	1
Benzo[g,h,i]perylene	ND	cn	10	0.70	ug/L		10/31/24 19:46	11/01/24 09:26	1
Benzo[k]fluoranthene	ND	cn	1.0	0.67	ug/L		10/31/24 19:46	11/01/24 09:26	1
Butyl benzyl phthalate	ND	cn	10	0.85	ug/L		10/31/24 19:46	11/01/24 09:26	1
Caprolactam	ND	cn	10	2.2	ug/L		10/31/24 19:46	11/01/24 09:26	1
Carbazole	ND	cn	10	0.68	ug/L		10/31/24 19:46	11/01/24 09:26	1
Chrysene	ND	cn	2.0	0.91	ug/L		10/31/24 19:46	11/01/24 09:26	1
Di-n-butyl phthalate	ND	cn	10	0.84	ug/L		10/31/24 19:46	11/01/24 09:26	1
Di-n-octyl phthalate	ND	cn	10	0.75	ug/L		10/31/24 19:46	11/01/24 09:26	1
Dibenz(a,h)anthracene	ND	cn	1.0	0.72	ug/L		10/31/24 19:46	11/01/24 09:26	1
Dibenzofuran	ND	cn	10	1.1	ug/L		10/31/24 19:46	11/01/24 09:26	1
Diethyl phthalate	ND	cn	10	0.98	ug/L		10/31/24 19:46	11/01/24 09:26	1
Dimethyl phthalate	ND	cn	10	0.77	ug/L		10/31/24 19:46	11/01/24 09:26	1
Fluoranthene	ND	cn	10	0.84	ug/L		10/31/24 19:46	11/01/24 09:26	1
Fluorene	ND	cn	10	0.91	ug/L		10/31/24 19:46	11/01/24 09:26	1
Hexachlorobenzene	ND	cn	1.0	0.40	ug/L		10/31/24 19:46	11/01/24 09:26	1
Hexachlorobutadiene	ND	cn	1.0	0.78	ug/L		10/31/24 19:46	11/01/24 09:26	1
Hexachlorocyclopentadiene	ND	cn	10	3.6	ug/L		10/31/24 19:46	11/01/24 09:26	1
Hexachloroethane	ND	cn	2.0	0.80	ug/L		10/31/24 19:46	11/01/24 09:26	1
Indeno[1,2,3-cd]pyrene	ND	cn	2.0	0.94	ug/L		10/31/24 19:46	11/01/24 09:26	1
Isophorone	ND	cn	10	0.80	ug/L		10/31/24 19:46	11/01/24 09:26	1
N-Nitrosodi-n-propylamine	ND	cn	1.0	0.43	ug/L		10/31/24 19:46	11/01/24 09:26	1
N-Nitrosodiphenylamine	ND	cn	10	0.89	ug/L		10/31/24 19:46	11/01/24 09:26	1

Client Sample ID: FB-05_20241024

Lab Sample ID: 410-192708-77

Date Collected: 10/24/24 14:15

Matrix: Water

Date Received: 10/25/24 18:12

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND	cn	2.0	0.54	ug/L		10/31/24 19:46	11/01/24 09:26	1
Nitrobenzene	ND	cn	1.0	0.57	ug/L		10/31/24 19:46	11/01/24 09:26	1
Pentachlorophenol	ND	cn	20	1.4	ug/L		10/31/24 19:46	11/01/24 09:26	1
Phenanthrene	ND	cn	10	1.3	ug/L		10/31/24 19:46	11/01/24 09:26	1
Phenol	ND	cn	10	0.29	ug/L		10/31/24 19:46	11/01/24 09:26	1
Pyrene	ND	cn	10	1.6	ug/L		10/31/24 19:46	11/01/24 09:26	1
Bis(2-chloroethoxy)methane	ND	cn	10	0.59	ug/L		10/31/24 19:46	11/01/24 09:26	1
Bis(2-chloroethyl)ether	ND	cn	1.0	0.63	ug/L		10/31/24 19:46	11/01/24 09:26	1
Bis(2-ethylhexyl) phthalate	ND	cn	2.0	0.80	ug/L		10/31/24 19:46	11/01/24 09:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*cn*	*ug/L*			*N/A*	*10/31/24 19:46*	*11/01/24 09:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*6*	*S1- cn*	*37 - 150*	*10/31/24 19:46*	*11/01/24 09:26*	*1*
2-Fluorophenol (Surr)	*2*	*S1- cn*	*16 - 80*	*10/31/24 19:46*	*11/01/24 09:26*	*1*
Nitrobenzene-d5 (Surr)	*99*	*cn*	*51 - 145*	*10/31/24 19:46*	*11/01/24 09:26*	*1*
Phenol-d5 (Surr)	*6*	*S1- cn*	*10 - 56*	*10/31/24 19:46*	*11/01/24 09:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.54	0.11	ug/L		11/01/24 07:26	11/04/24 22:50	1
PCB-1221 (1C)	ND		0.54	0.11	ug/L		11/01/24 07:26	11/04/24 22:50	1
PCB-1232 (1C)	ND		0.54	0.11	ug/L		11/01/24 07:26	11/04/24 22:50	1
PCB-1242 (1C)	ND		0.54	0.11	ug/L		11/01/24 07:26	11/04/24 22:50	1
PCB-1248 (1C)	ND		0.54	0.085	ug/L		11/01/24 07:26	11/04/24 22:50	1
PCB-1254 (1C)	ND		0.54	0.085	ug/L		11/01/24 07:26	11/04/24 22:50	1
PCB-1260 (1C)	ND		0.54	0.085	ug/L		11/01/24 07:26	11/04/24 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*104*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/04/24 22:50*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*104*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/04/24 22:50*	*1*
Tetrachloro-m-xylene (1C)	*83*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/04/24 22:50*	*1*
Tetrachloro-m-xylene (2C)	*76*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/04/24 22:50*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		10/30/24 21:00	11/04/24 23:09	1
Antimony	ND		1.0	0.20	ug/L		10/30/24 21:00	11/04/24 23:09	1
Arsenic	ND		2.0	0.68	ug/L		10/30/24 21:00	11/04/24 23:09	1
Barium	ND		2.0	0.75	ug/L		10/30/24 21:00	11/04/24 23:09	1
Beryllium	ND		0.50	0.12	ug/L		10/30/24 21:00	11/04/24 23:09	1
Cadmium	ND		0.50	0.15	ug/L		10/30/24 21:00	11/04/24 23:09	1
Chromium	ND		2.0	0.55	ug/L		10/30/24 21:00	11/04/24 23:09	1
Cobalt	ND		0.50	0.16	ug/L		10/30/24 21:00	11/04/24 23:09	1
Copper	ND		1.0	0.36	ug/L		10/30/24 21:00	11/04/24 23:09	1
Lead	ND		0.50	0.12	ug/L		10/30/24 21:00	11/04/24 23:09	1
Manganese	ND		2.0	0.95	ug/L		10/30/24 21:00	11/04/24 23:09	1
Nickel	ND		1.0	0.40	ug/L		10/30/24 21:00	11/04/24 23:09	1
Silver	ND		0.50	0.10	ug/L		10/30/24 21:00	11/04/24 23:09	1

Client Sample ID: FB-05_20241024

Lab Sample ID: 410-192708-77

Date Collected: 10/24/24 14:15
Matrix: Water
Date Received: 10/25/24 18:12

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.50	0.13	ug/L		10/30/24 21:00	11/04/24 23:09	1
Zinc	ND		10	4.0	ug/L		10/30/24 21:00	11/04/24 23:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/07/24 07:50	11/08/24 15:54	1

Client Sample ID: TB-05_20241024

Lab Sample ID: 410-192708-78

Date Collected: 10/24/24 00:00
Matrix: Water
Date Received: 10/25/24 18:12

Method: SW846 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	0.30	ug/L			11/05/24 21:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/05/24 21:23	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/05/24 21:23	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/05/24 21:23	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/05/24 21:23	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/05/24 21:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/05/24 21:23	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/05/24 21:23	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/05/24 21:23	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/05/24 21:23	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/05/24 21:23	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/05/24 21:23	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/05/24 21:23	1
2-Butanone	ND		10	0.50	ug/L			11/05/24 21:23	1
2-Hexanone	ND		10	0.85	ug/L			11/05/24 21:23	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/05/24 21:23	1
Acetone	ND		20	0.70	ug/L			11/05/24 21:23	1
Benzene	ND		1.0	0.30	ug/L			11/05/24 21:23	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/05/24 21:23	1
Bromoform	ND		4.0	1.0	ug/L			11/05/24 21:23	1
Bromomethane	ND		1.0	0.30	ug/L			11/05/24 21:23	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/05/24 21:23	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/05/24 21:23	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/05/24 21:23	1
Chloroethane	ND		1.0	0.30	ug/L			11/05/24 21:23	1
Chloroform	ND		1.0	0.30	ug/L			11/05/24 21:23	1
Chloromethane	ND		2.0	0.55	ug/L			11/05/24 21:23	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/05/24 21:23	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/05/24 21:23	1
Cyclohexane	ND		5.0	1.0	ug/L			11/05/24 21:23	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/05/24 21:23	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/05/24 21:23	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/05/24 21:23	1
Freon 113	ND		10	0.30	ug/L			11/05/24 21:23	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/05/24 21:23	1
Methyl acetate	ND		5.0	0.30	ug/L			11/05/24 21:23	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/05/24 21:23	1

Client Sample ID: TB-05_20241024

Lab Sample ID: 410-192708-78

Date Collected: 10/24/24 00:00
Matrix: Water
Date Received: 10/25/24 18:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		5.0	0.50	ug/L			11/05/24 21:23	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/05/24 21:23	1
Styrene	ND		5.0	0.30	ug/L			11/05/24 21:23	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/05/24 21:23	1
Toluene	ND		1.0	0.30	ug/L			11/05/24 21:23	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/05/24 21:23	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/05/24 21:23	1
Trichloroethene	ND		1.0	0.30	ug/L			11/05/24 21:23	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/05/24 21:23	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/05/24 21:23	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/05/24 21:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*11/05/24 21:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*11/05/24 21:23*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/05/24 21:23*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*11/05/24 21:23*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/05/24 21:23*	*1*

Client Sample ID: EB-01_20241024

Lab Sample ID: 410-192708-79

Date Collected: 10/24/24 16:30
Matrix: Water
Date Received: 10/25/24 18:12

Method: SW846 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	0.30	ug/L			11/05/24 21:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/05/24 21:43	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/05/24 21:43	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/05/24 21:43	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/05/24 21:43	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/05/24 21:43	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/05/24 21:43	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/05/24 21:43	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/05/24 21:43	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/05/24 21:43	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/05/24 21:43	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/05/24 21:43	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/05/24 21:43	1
2-Butanone	ND		10	0.50	ug/L			11/05/24 21:43	1
2-Hexanone	ND		10	0.85	ug/L			11/05/24 21:43	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/05/24 21:43	1
Acetone	ND		20	0.70	ug/L			11/05/24 21:43	1
Benzene	ND		1.0	0.30	ug/L			11/05/24 21:43	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/05/24 21:43	1
Bromoform	ND		4.0	1.0	ug/L			11/05/24 21:43	1
Bromomethane	ND		1.0	0.30	ug/L			11/05/24 21:43	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/05/24 21:43	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/05/24 21:43	1

Client Sample ID: EB-01_20241024

Lab Sample ID: 410-192708-79

Date Collected: 10/24/24 16:30
Matrix: Water
Date Received: 10/25/24 18:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.30	ug/L			11/05/24 21:43	1
Chloroethane	ND		1.0	0.30	ug/L			11/05/24 21:43	1
Chloroform	ND		1.0	0.30	ug/L			11/05/24 21:43	1
Chloromethane	ND		2.0	0.55	ug/L			11/05/24 21:43	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/05/24 21:43	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/05/24 21:43	1
Cyclohexane	ND		5.0	1.0	ug/L			11/05/24 21:43	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/05/24 21:43	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/05/24 21:43	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/05/24 21:43	1
Freon 113	ND		10	0.30	ug/L			11/05/24 21:43	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/05/24 21:43	1
Methyl acetate	ND		5.0	0.30	ug/L			11/05/24 21:43	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/05/24 21:43	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/05/24 21:43	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/05/24 21:43	1
Styrene	ND		5.0	0.30	ug/L			11/05/24 21:43	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/05/24 21:43	1
Toluene	ND		1.0	0.30	ug/L			11/05/24 21:43	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/05/24 21:43	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/05/24 21:43	1
Trichloroethene	ND		1.0	0.30	ug/L			11/05/24 21:43	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/05/24 21:43	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/05/24 21:43	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/05/24 21:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*11/05/24 21:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*11/05/24 21:43*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/05/24 21:43*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*11/05/24 21:43*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/05/24 21:43*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 09:47	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		10/31/24 19:46	11/01/24 09:47	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		10/31/24 19:46	11/01/24 09:47	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		10/31/24 19:46	11/01/24 09:47	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 09:47	1
2,4-Dimethylphenol	ND		10	0.62	ug/L		10/31/24 19:46	11/01/24 09:47	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		10/31/24 19:46	11/01/24 09:47	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		10/31/24 19:46	11/01/24 09:47	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		10/31/24 19:46	11/01/24 09:47	1
2-Chloronaphthalene	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 09:47	1
2-Chlorophenol	ND		10	0.38	ug/L		10/31/24 19:46	11/01/24 09:47	1
2-Methylnaphthalene	ND		10	0.53	ug/L		10/31/24 19:46	11/01/24 09:47	1

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: EB-01_20241024
Date Collected: 10/24/24 16:30
Date Received: 10/25/24 18:12

Lab Sample ID: 410-192708-79
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10	0.67	ug/L		10/31/24 19:46	11/01/24 09:47	1
2-Nitroaniline	ND		10	0.47	ug/L		10/31/24 19:46	11/01/24 09:47	1
2-Nitrophenol	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 09:47	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		10/31/24 19:46	11/01/24 09:47	1
3-Nitroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 09:47	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		10/31/24 19:46	11/01/24 09:47	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 09:47	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		10/31/24 19:46	11/01/24 09:47	1
4-Chloroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 09:47	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 09:47	1
4-Methylphenol	ND		10	0.65	ug/L		10/31/24 19:46	11/01/24 09:47	1
4-Nitroaniline	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 09:47	1
4-Nitrophenol	ND		20	4.0	ug/L		10/31/24 19:46	11/01/24 09:47	1
Acenaphthene	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 09:47	1
Acenaphthylene	ND		10	0.82	ug/L		10/31/24 19:46	11/01/24 09:47	1
Acetophenone	ND		10	2.3	ug/L		10/31/24 19:46	11/01/24 09:47	1
Anthracene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 09:47	1
Atrazine	ND	*+	2.0	1.3	ug/L		10/31/24 19:46	11/01/24 09:47	1
Benzaldehyde	ND		10	2.1	ug/L		10/31/24 19:46	11/01/24 09:47	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		10/31/24 19:46	11/01/24 09:47	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		10/31/24 19:46	11/01/24 09:47	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		10/31/24 19:46	11/01/24 09:47	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		10/31/24 19:46	11/01/24 09:47	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		10/31/24 19:46	11/01/24 09:47	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		10/31/24 19:46	11/01/24 09:47	1
Caprolactam	ND		10	2.2	ug/L		10/31/24 19:46	11/01/24 09:47	1
Carbazole	ND		10	0.68	ug/L		10/31/24 19:46	11/01/24 09:47	1
Chrysene	ND		2.0	0.91	ug/L		10/31/24 19:46	11/01/24 09:47	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 09:47	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 09:47	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		10/31/24 19:46	11/01/24 09:47	1
Dibenzofuran	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 09:47	1
Diethyl phthalate	ND		10	0.98	ug/L		10/31/24 19:46	11/01/24 09:47	1
Dimethyl phthalate	ND		10	0.77	ug/L		10/31/24 19:46	11/01/24 09:47	1
Fluoranthene	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 09:47	1
Fluorene	ND		10	0.91	ug/L		10/31/24 19:46	11/01/24 09:47	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		10/31/24 19:46	11/01/24 09:47	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		10/31/24 19:46	11/01/24 09:47	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		10/31/24 19:46	11/01/24 09:47	1
Hexachloroethane	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 09:47	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		10/31/24 19:46	11/01/24 09:47	1
Isophorone	ND		10	0.80	ug/L		10/31/24 19:46	11/01/24 09:47	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		10/31/24 19:46	11/01/24 09:47	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		10/31/24 19:46	11/01/24 09:47	1
Naphthalene	ND		2.0	0.54	ug/L		10/31/24 19:46	11/01/24 09:47	1
Nitrobenzene	ND		1.0	0.57	ug/L		10/31/24 19:46	11/01/24 09:47	1
Pentachlorophenol	ND		20	1.4	ug/L		10/31/24 19:46	11/01/24 09:47	1
Phenanthrene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 09:47	1

Client Sample ID: EB-01_20241024

Lab Sample ID: 410-192708-79

Date Collected: 10/24/24 16:30
Date Received: 10/25/24 18:12

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		10	0.29	ug/L		10/31/24 19:46	11/01/24 09:47	1
Pyrene	ND		10	1.6	ug/L		10/31/24 19:46	11/01/24 09:47	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		10/31/24 19:46	11/01/24 09:47	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		10/31/24 19:46	11/01/24 09:47	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 09:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzoic acid, 2,4-dichloro-	*45*	*T J N*	*ug/L*		*7.10*	*50-84-0*	*10/31/24 19:46*	*11/01/24 09:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*109*		*37 - 150*	*10/31/24 19:46*	*11/01/24 09:47*	*1*
2-Fluorophenol (Surr)	*49*		*16 - 80*	*10/31/24 19:46*	*11/01/24 09:47*	*1*
Nitrobenzene-d5 (Surr)	*104*		*51 - 145*	*10/31/24 19:46*	*11/01/24 09:47*	*1*
Phenol-d5 (Surr)	*34*		*10 - 56*	*10/31/24 19:46*	*11/01/24 09:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/04/24 23:00	1
PCB-1221 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/04/24 23:00	1
PCB-1232 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/04/24 23:00	1
PCB-1242 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/04/24 23:00	1
PCB-1248 (1C)	ND		0.51	0.080	ug/L		11/01/24 07:26	11/04/24 23:00	1
PCB-1254 (1C)	ND		0.51	0.080	ug/L		11/01/24 07:26	11/04/24 23:00	1
PCB-1260 (1C)	ND		0.51	0.080	ug/L		11/01/24 07:26	11/04/24 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*82*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/04/24 23:00*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*82*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/04/24 23:00*	*1*
Tetrachloro-m-xylene (1C)	*80*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/04/24 23:00*	*1*
Tetrachloro-m-xylene (2C)	*72*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/04/24 23:00*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		10/31/24 20:30	11/05/24 02:53	1
Antimony	ND		1.0	0.20	ug/L		10/31/24 20:30	11/05/24 02:53	1
Arsenic	ND		2.0	0.68	ug/L		10/31/24 20:30	11/05/24 02:53	1
Barium	ND		2.0	0.75	ug/L		10/31/24 20:30	11/05/24 02:53	1
Beryllium	ND		0.50	0.12	ug/L		10/31/24 20:30	11/05/24 02:53	1
Cadmium	ND		0.50	0.15	ug/L		10/31/24 20:30	11/05/24 02:53	1
Chromium	ND		2.0	0.55	ug/L		10/31/24 20:30	11/05/24 02:53	1
Cobalt	ND		0.50	0.16	ug/L		10/31/24 20:30	11/05/24 02:53	1
Copper	ND		1.0	0.36	ug/L		10/31/24 20:30	11/05/24 02:53	1
Lead	ND		0.50	0.12	ug/L		10/31/24 20:30	11/05/24 02:53	1
Manganese	ND		2.0	0.95	ug/L		10/31/24 20:30	11/05/24 02:53	1
Nickel	ND		1.0	0.40	ug/L		10/31/24 20:30	11/05/24 02:53	1
Silver	ND		0.50	0.10	ug/L		10/31/24 20:30	11/05/24 02:53	1
Thallium	ND		0.50	0.13	ug/L		10/31/24 20:30	11/05/24 02:53	1
Zinc	ND		10	4.0	ug/L		10/31/24 20:30	11/05/24 02:53	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: EB-01_20241024

Lab Sample ID: 410-192708-79

Date Collected: 10/24/24 16:30
Matrix: Water
Date Received: 10/25/24 18:12

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/07/24 07:50	11/08/24 15:49	1

Client Sample ID: MW-14_20241025

Lab Sample ID: 410-192708-80

Date Collected: 10/25/24 09:50
Matrix: Water
Date Received: 10/25/24 18:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
1,1,2,2-Tetrachloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
1,1,2-Trichloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
1,1-Dichloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
1,1-Dichloroethene	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
1,2,4-Trichlorobenzene	ND	cn	50	3.0	ug/L			11/06/24 01:36	10
1,2-Dibromo-3-Chloropropane	ND	cn	50	3.0	ug/L			11/06/24 01:36	10
1,2-Dibromoethane	ND	cn	10	2.0	ug/L			11/06/24 01:36	10
1,2-Dichlorobenzene	ND	cn	50	2.0	ug/L			11/06/24 01:36	10
1,2-Dichloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
1,2-Dichloropropane	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
1,3-Dichlorobenzene	ND	cn	50	6.8	ug/L			11/06/24 01:36	10
1,4-Dichlorobenzene	ND	cn	50	3.0	ug/L			11/06/24 01:36	10
2-Butanone	ND	cn	100	5.0	ug/L			11/06/24 01:36	10
2-Hexanone	ND	cn	100	8.5	ug/L			11/06/24 01:36	10
4-Methyl-2-pentanone	ND	cn	100	5.0	ug/L			11/06/24 01:36	10
Acetone	ND	cn	200	7.0	ug/L			11/06/24 01:36	10
Benzene	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
Bromodichloromethane	ND	cn	10	2.0	ug/L			11/06/24 01:36	10
Bromoform	ND	cn	40	10	ug/L			11/06/24 01:36	10
Bromomethane	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
Carbon disulfide	ND	cn	50	3.0	ug/L			11/06/24 01:36	10
Carbon tetrachloride	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
Chlorobenzene	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
Chloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
Chloroform	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
Chloromethane	ND	cn	20	5.5	ug/L			11/06/24 01:36	10
cis-1,2-Dichloroethene	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
cis-1,3-Dichloropropene	ND	cn	10	2.0	ug/L			11/06/24 01:36	10
Cyclohexane	ND	cn	50	10	ug/L			11/06/24 01:36	10
Dibromochloromethane	ND	cn	10	2.0	ug/L			11/06/24 01:36	10
Dichlorodifluoromethane	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
Ethylbenzene	ND	cn	10	4.0	ug/L			11/06/24 01:36	10
Freon 113	ND	cn	100	3.0	ug/L			11/06/24 01:36	10
Isopropylbenzene	ND	cn	50	3.0	ug/L			11/06/24 01:36	10
Methyl acetate	ND	cn	50	3.0	ug/L			11/06/24 01:36	10
Methyl tertiary butyl ether	ND	cn	10	2.0	ug/L			11/06/24 01:36	10
Methylcyclohexane	ND	cn	50	5.0	ug/L			11/06/24 01:36	10
Methylene Chloride	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
Styrene	ND	cn	50	3.0	ug/L			11/06/24 01:36	10
Tetrachloroethene	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
Toluene	ND	cn	10	3.0	ug/L			11/06/24 01:36	10

Client Sample ID: MW-14_20241025

Lab Sample ID: 410-192708-80

Date Collected: 10/25/24 09:50
Matrix: Water
Date Received: 10/25/24 18:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND	cn	20	7.0	ug/L			11/06/24 01:36	10
trans-1,3-Dichloropropene	ND	cn	10	2.0	ug/L			11/06/24 01:36	10
Trichloroethene	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
Trichlorofluoromethane	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
Vinyl chloride	ND	cn	10	3.0	ug/L			11/06/24 01:36	10
Xylenes, Total	ND	cn	10	4.0	ug/L			11/06/24 01:36	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*cn*	*ug/L*			*N/A*		*11/06/24 01:36*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*	*cn*	*80 - 120*		*11/06/24 01:36*	*10*
4-Bromofluorobenzene (Surr)	*97*	*cn*	*80 - 120*		*11/06/24 01:36*	*10*
Dibromofluoromethane (Surr)	*101*	*cn*	*80 - 120*		*11/06/24 01:36*	*10*
Toluene-d8 (Surr)	*96*	*cn*	*80 - 120*		*11/06/24 01:36*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 10:08	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		10/31/24 19:46	11/01/24 10:08	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		10/31/24 19:46	11/01/24 10:08	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		10/31/24 19:46	11/01/24 10:08	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 10:08	1
2,4-Dimethylphenol	ND		10	0.62	ug/L		10/31/24 19:46	11/01/24 10:08	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		10/31/24 19:46	11/01/24 10:08	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		10/31/24 19:46	11/01/24 10:08	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		10/31/24 19:46	11/01/24 10:08	1
2-Chloronaphthalene	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 10:08	1
2-Chlorophenol	ND		10	0.38	ug/L		10/31/24 19:46	11/01/24 10:08	1
2-Methylnaphthalene	ND		10	0.53	ug/L		10/31/24 19:46	11/01/24 10:08	1
2-Methylphenol	ND		10	0.67	ug/L		10/31/24 19:46	11/01/24 10:08	1
2-Nitroaniline	ND		10	0.47	ug/L		10/31/24 19:46	11/01/24 10:08	1
2-Nitrophenol	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 10:08	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		10/31/24 19:46	11/01/24 10:08	1
3-Nitroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 10:08	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		10/31/24 19:46	11/01/24 10:08	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 10:08	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		10/31/24 19:46	11/01/24 10:08	1
4-Chloroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 10:08	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 10:08	1
4-Methylphenol	ND		10	0.65	ug/L		10/31/24 19:46	11/01/24 10:08	1
4-Nitroaniline	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 10:08	1
4-Nitrophenol	ND		20	4.0	ug/L		10/31/24 19:46	11/01/24 10:08	1
Acenaphthene	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 10:08	1
Acenaphthylene	ND		10	0.82	ug/L		10/31/24 19:46	11/01/24 10:08	1
Acetophenone	ND		10	2.3	ug/L		10/31/24 19:46	11/01/24 10:08	1
Anthracene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 10:08	1
Atrazine	ND	*+	2.0	1.3	ug/L		10/31/24 19:46	11/01/24 10:08	1
Benzaldehyde	ND		10	2.1	ug/L		10/31/24 19:46	11/01/24 10:08	1

Client Sample ID: MW-14_20241025

Lab Sample ID: 410-192708-80

Date Collected: 10/25/24 09:50
Date Received: 10/25/24 18:12

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		1.0	0.59	ug/L		10/31/24 19:46	11/01/24 10:08	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		10/31/24 19:46	11/01/24 10:08	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		10/31/24 19:46	11/01/24 10:08	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		10/31/24 19:46	11/01/24 10:08	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		10/31/24 19:46	11/01/24 10:08	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		10/31/24 19:46	11/01/24 10:08	1
Caprolactam	ND		10	2.2	ug/L		10/31/24 19:46	11/01/24 10:08	1
Carbazole	ND		10	0.68	ug/L		10/31/24 19:46	11/01/24 10:08	1
Chrysene	ND		2.0	0.91	ug/L		10/31/24 19:46	11/01/24 10:08	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 10:08	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 10:08	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		10/31/24 19:46	11/01/24 10:08	1
Dibenzofuran	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 10:08	1
Diethyl phthalate	ND		10	0.98	ug/L		10/31/24 19:46	11/01/24 10:08	1
Dimethyl phthalate	ND		10	0.77	ug/L		10/31/24 19:46	11/01/24 10:08	1
Fluoranthene	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 10:08	1
Fluorene	ND		10	0.91	ug/L		10/31/24 19:46	11/01/24 10:08	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		10/31/24 19:46	11/01/24 10:08	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		10/31/24 19:46	11/01/24 10:08	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		10/31/24 19:46	11/01/24 10:08	1
Hexachloroethane	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 10:08	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		10/31/24 19:46	11/01/24 10:08	1
Isophorone	ND		10	0.80	ug/L		10/31/24 19:46	11/01/24 10:08	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		10/31/24 19:46	11/01/24 10:08	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		10/31/24 19:46	11/01/24 10:08	1
Naphthalene	ND		2.0	0.54	ug/L		10/31/24 19:46	11/01/24 10:08	1
Nitrobenzene	ND		1.0	0.57	ug/L		10/31/24 19:46	11/01/24 10:08	1
Pentachlorophenol	ND		20	1.4	ug/L		10/31/24 19:46	11/01/24 10:08	1
Phenanthrene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 10:08	1
Phenol	ND		10	0.29	ug/L		10/31/24 19:46	11/01/24 10:08	1
Pyrene	ND		10	1.6	ug/L		10/31/24 19:46	11/01/24 10:08	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		10/31/24 19:46	11/01/24 10:08	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		10/31/24 19:46	11/01/24 10:08	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 10:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*10/31/24 19:46*	*11/01/24 10:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*37 - 150*	*10/31/24 19:46*	*11/01/24 10:08*	*1*
2-Fluorophenol (Surr)	*48*		*16 - 80*	*10/31/24 19:46*	*11/01/24 10:08*	*1*
Nitrobenzene-d5 (Surr)	*94*		*51 - 145*	*10/31/24 19:46*	*11/01/24 10:08*	*1*
Phenol-d5 (Surr)	*34*		*10 - 56*	*10/31/24 19:46*	*11/01/24 10:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.52	0.10	ug/L		11/01/24 07:26	11/04/24 23:11	1
PCB-1221 (1C)	ND		0.52	0.10	ug/L		11/01/24 07:26	11/04/24 23:11	1
PCB-1232 (1C)	ND		0.52	0.10	ug/L		11/01/24 07:26	11/04/24 23:11	1

Client Sample ID: MW-14_20241025

Lab Sample ID: 410-192708-80

Date Collected: 10/25/24 09:50
Matrix: Water
Date Received: 10/25/24 18:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242 (1C)	ND		0.52	0.10	ug/L		11/01/24 07:26	11/04/24 23:11	1
PCB-1248 (1C)	ND		0.52	0.082	ug/L		11/01/24 07:26	11/04/24 23:11	1
PCB-1254 (1C)	ND		0.52	0.082	ug/L		11/01/24 07:26	11/04/24 23:11	1
PCB-1260 (1C)	ND		0.52	0.082	ug/L		11/01/24 07:26	11/04/24 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*40*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/04/24 23:11*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*38*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/04/24 23:11*	*1*
Tetrachloro-m-xylene (1C)	*80*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/04/24 23:11*	*1*
Tetrachloro-m-xylene (2C)	*73*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/04/24 23:11*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**480**		25	12	ug/L		10/31/24 20:30	11/05/24 02:51	1
Antimony	ND		1.0	0.20	ug/L		10/31/24 20:30	11/05/24 02:51	1
Arsenic	**9.6**		2.0	0.68	ug/L		10/31/24 20:30	11/05/24 02:51	1
Barium	**290**		2.0	0.75	ug/L		10/31/24 20:30	11/05/24 02:51	1
Beryllium	ND		0.50	0.12	ug/L		10/31/24 20:30	11/05/24 02:51	1
Cadmium	ND		0.50	0.15	ug/L		10/31/24 20:30	11/05/24 02:51	1
Chromium	**7.4**		2.0	0.55	ug/L		10/31/24 20:30	11/05/24 02:51	1
Cobalt	**1.2**		0.50	0.16	ug/L		10/31/24 20:30	11/05/24 02:51	1
Copper	**1.5**		1.0	0.36	ug/L		10/31/24 20:30	11/05/24 02:51	1
Lead	**8.5**		0.50	0.12	ug/L		10/31/24 20:30	11/05/24 02:51	1
Manganese	**250**		2.0	0.95	ug/L		10/31/24 20:30	11/05/24 02:51	1
Nickel	**1.2**		1.0	0.40	ug/L		10/31/24 20:30	11/05/24 02:51	1
Silver	ND		0.50	0.10	ug/L		10/31/24 20:30	11/05/24 02:51	1
Thallium	ND		0.50	0.13	ug/L		10/31/24 20:30	11/05/24 02:51	1
Zinc	**12**		10	4.0	ug/L		10/31/24 20:30	11/05/24 02:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/07/24 07:50	11/08/24 15:56	1

Client Sample ID: FD-05_20241025

Lab Sample ID: 410-192708-81

Date Collected: 10/25/24 00:00
Matrix: Water
Date Received: 10/25/24 18:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
1,1,2,2-Tetrachloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
1,1,2-Trichloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
1,1-Dichloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
1,1-Dichloroethene	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
1,2,4-Trichlorobenzene	ND	cn	50	3.0	ug/L			11/06/24 01:56	10
1,2-Dibromo-3-Chloropropane	ND	cn	50	3.0	ug/L			11/06/24 01:56	10
1,2-Dibromoethane	ND	cn	10	2.0	ug/L			11/06/24 01:56	10
1,2-Dichlorobenzene	ND	cn	50	2.0	ug/L			11/06/24 01:56	10
1,2-Dichloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
1,2-Dichloropropane	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
1,3-Dichlorobenzene	ND	cn	50	6.8	ug/L			11/06/24 01:56	10

Client Sample ID: FD-05_20241025

Lab Sample ID: 410-192708-81

Date Collected: 10/25/24 00:00

Matrix: Water

Date Received: 10/25/24 18:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND	cn	50	3.0	ug/L			11/06/24 01:56	10
2-Butanone	ND	cn	100	5.0	ug/L			11/06/24 01:56	10
2-Hexanone	ND	cn	100	8.5	ug/L			11/06/24 01:56	10
4-Methyl-2-pentanone	ND	cn	100	5.0	ug/L			11/06/24 01:56	10
Acetone	ND	cn	200	7.0	ug/L			11/06/24 01:56	10
Benzene	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
Bromodichloromethane	ND	cn	10	2.0	ug/L			11/06/24 01:56	10
Bromoform	ND	cn	40	10	ug/L			11/06/24 01:56	10
Bromomethane	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
Carbon disulfide	ND	cn	50	3.0	ug/L			11/06/24 01:56	10
Carbon tetrachloride	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
Chlorobenzene	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
Chloroethane	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
Chloroform	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
Chloromethane	ND	cn	20	5.5	ug/L			11/06/24 01:56	10
cis-1,2-Dichloroethene	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
cis-1,3-Dichloropropene	ND	cn	10	2.0	ug/L			11/06/24 01:56	10
Cyclohexane	ND	cn	50	10	ug/L			11/06/24 01:56	10
Dibromochloromethane	ND	cn	10	2.0	ug/L			11/06/24 01:56	10
Dichlorodifluoromethane	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
Ethylbenzene	ND	cn	10	4.0	ug/L			11/06/24 01:56	10
Freon 113	ND	cn	100	3.0	ug/L			11/06/24 01:56	10
Isopropylbenzene	ND	cn	50	3.0	ug/L			11/06/24 01:56	10
Methyl acetate	ND	cn	50	3.0	ug/L			11/06/24 01:56	10
Methyl tertiary butyl ether	ND	cn	10	2.0	ug/L			11/06/24 01:56	10
Methylcyclohexane	ND	cn	50	5.0	ug/L			11/06/24 01:56	10
Methylene Chloride	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
Styrene	ND	cn	50	3.0	ug/L			11/06/24 01:56	10
Tetrachloroethene	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
Toluene	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
trans-1,2-Dichloroethene	ND	cn	20	7.0	ug/L			11/06/24 01:56	10
trans-1,3-Dichloropropene	ND	cn	10	2.0	ug/L			11/06/24 01:56	10
Trichloroethene	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
Trichlorofluoromethane	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
Vinyl chloride	ND	cn	10	3.0	ug/L			11/06/24 01:56	10
Xylenes, Total	ND	cn	10	4.0	ug/L			11/06/24 01:56	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*cn*	*ug/L*			*N/A*		*11/06/24 01:56*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*	*cn*	*80 - 120*		*11/06/24 01:56*	*10*
4-Bromofluorobenzene (Surr)	*98*	*cn*	*80 - 120*		*11/06/24 01:56*	*10*
Dibromofluoromethane (Surr)	*102*	*cn*	*80 - 120*		*11/06/24 01:56*	*10*
Toluene-d8 (Surr)	*98*	*cn*	*80 - 120*		*11/06/24 01:56*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 10:29	1

Client Sample ID: FD-05_20241025

Lab Sample ID: 410-192708-81

Date Collected: 10/25/24 00:00

Matrix: Water

Date Received: 10/25/24 18:12

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		10/31/24 19:46	11/01/24 10:29	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		10/31/24 19:46	11/01/24 10:29	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		10/31/24 19:46	11/01/24 10:29	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 10:29	1
2,4-Dimethylphenol	ND		10	0.62	ug/L		10/31/24 19:46	11/01/24 10:29	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		10/31/24 19:46	11/01/24 10:29	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		10/31/24 19:46	11/01/24 10:29	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		10/31/24 19:46	11/01/24 10:29	1
2-Chloronaphthalene	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 10:29	1
2-Chlorophenol	ND		10	0.38	ug/L		10/31/24 19:46	11/01/24 10:29	1
2-Methylnaphthalene	ND		10	0.53	ug/L		10/31/24 19:46	11/01/24 10:29	1
2-Methylphenol	ND		10	0.67	ug/L		10/31/24 19:46	11/01/24 10:29	1
2-Nitroaniline	ND		10	0.47	ug/L		10/31/24 19:46	11/01/24 10:29	1
2-Nitrophenol	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 10:29	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		10/31/24 19:46	11/01/24 10:29	1
3-Nitroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 10:29	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		10/31/24 19:46	11/01/24 10:29	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 10:29	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		10/31/24 19:46	11/01/24 10:29	1
4-Chloroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 10:29	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 10:29	1
4-Methylphenol	ND		10	0.65	ug/L		10/31/24 19:46	11/01/24 10:29	1
4-Nitroaniline	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 10:29	1
4-Nitrophenol	ND		20	4.0	ug/L		10/31/24 19:46	11/01/24 10:29	1
Acenaphthene	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 10:29	1
Acenaphthylene	ND		10	0.82	ug/L		10/31/24 19:46	11/01/24 10:29	1
Acetophenone	ND		10	2.3	ug/L		10/31/24 19:46	11/01/24 10:29	1
Anthracene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 10:29	1
Atrazine	ND	*+	2.0	1.3	ug/L		10/31/24 19:46	11/01/24 10:29	1
Benzaldehyde	ND		10	2.1	ug/L		10/31/24 19:46	11/01/24 10:29	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		10/31/24 19:46	11/01/24 10:29	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		10/31/24 19:46	11/01/24 10:29	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		10/31/24 19:46	11/01/24 10:29	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		10/31/24 19:46	11/01/24 10:29	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		10/31/24 19:46	11/01/24 10:29	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		10/31/24 19:46	11/01/24 10:29	1
Caprolactam	ND		10	2.2	ug/L		10/31/24 19:46	11/01/24 10:29	1
Carbazole	ND		10	0.68	ug/L		10/31/24 19:46	11/01/24 10:29	1
Chrysene	ND		2.0	0.91	ug/L		10/31/24 19:46	11/01/24 10:29	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 10:29	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 10:29	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		10/31/24 19:46	11/01/24 10:29	1
Dibenzofuran	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 10:29	1
Diethyl phthalate	ND		10	0.98	ug/L		10/31/24 19:46	11/01/24 10:29	1
Dimethyl phthalate	ND		10	0.77	ug/L		10/31/24 19:46	11/01/24 10:29	1
Fluoranthene	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 10:29	1
Fluorene	ND		10	0.91	ug/L		10/31/24 19:46	11/01/24 10:29	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		10/31/24 19:46	11/01/24 10:29	1

Client Sample ID: FD-05_20241025

Date Collected: 10/25/24 00:00
Date Received: 10/25/24 18:12

Lab Sample ID: 410-192708-81

Matrix: Water

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		1.0	0.78	ug/L		10/31/24 19:46	11/01/24 10:29	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		10/31/24 19:46	11/01/24 10:29	1
Hexachloroethane	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 10:29	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		10/31/24 19:46	11/01/24 10:29	1
Isophorone	ND		10	0.80	ug/L		10/31/24 19:46	11/01/24 10:29	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		10/31/24 19:46	11/01/24 10:29	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		10/31/24 19:46	11/01/24 10:29	1
Naphthalene	ND		2.0	0.54	ug/L		10/31/24 19:46	11/01/24 10:29	1
Nitrobenzene	ND		1.0	0.57	ug/L		10/31/24 19:46	11/01/24 10:29	1
Pentachlorophenol	ND		20	1.4	ug/L		10/31/24 19:46	11/01/24 10:29	1
Phenanthrene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 10:29	1
Phenol	ND		10	0.29	ug/L		10/31/24 19:46	11/01/24 10:29	1
Pyrene	ND		10	1.6	ug/L		10/31/24 19:46	11/01/24 10:29	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		10/31/24 19:46	11/01/24 10:29	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		10/31/24 19:46	11/01/24 10:29	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 10:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*10/31/24 19:46*	*11/01/24 10:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*37 - 150*	*10/31/24 19:46*	*11/01/24 10:29*	*1*
2-Fluorophenol (Surr)	*45*		*16 - 80*	*10/31/24 19:46*	*11/01/24 10:29*	*1*
Nitrobenzene-d5 (Surr)	*93*		*51 - 145*	*10/31/24 19:46*	*11/01/24 10:29*	*1*
Phenol-d5 (Surr)	*30*		*10 - 56*	*10/31/24 19:46*	*11/01/24 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 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/04/24 23:42	1
PCB-1221 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/04/24 23:42	1
PCB-1232 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/04/24 23:42	1
PCB-1242 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/04/24 23:42	1
PCB-1248 (1C)	ND		0.51	0.079	ug/L		11/01/24 07:26	11/04/24 23:42	1
PCB-1254 (1C)	ND		0.51	0.079	ug/L		11/01/24 07:26	11/04/24 23:42	1
PCB-1260 (1C)	ND		0.51	0.079	ug/L		11/01/24 07:26	11/04/24 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*32*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/04/24 23:42*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*31*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/04/24 23:42*	*1*
Tetrachloro-m-xylene (1C)	*74*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/04/24 23:42*	*1*
Tetrachloro-m-xylene (2C)	*67*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/04/24 23:42*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**480**		25	12	ug/L		10/31/24 20:30	11/05/24 02:49	1
Antimony	ND		1.0	0.20	ug/L		10/31/24 20:30	11/05/24 02:49	1
Arsenic	**9.2**		2.0	0.68	ug/L		10/31/24 20:30	11/05/24 02:49	1
Barium	**280**		2.0	0.75	ug/L		10/31/24 20:30	11/05/24 02:49	1
Beryllium	ND		0.50	0.12	ug/L		10/31/24 20:30	11/05/24 02:49	1
Cadmium	ND		0.50	0.15	ug/L		10/31/24 20:30	11/05/24 02:49	1

Client Sample ID: FD-05_20241025

Lab Sample ID: 410-192708-81

Date Collected: 10/25/24 00:00
Date Received: 10/25/24 18:12
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	7.4		2.0	0.55	ug/L		10/31/24 20:30	11/05/24 02:49	1
Cobalt	1.2		0.50	0.16	ug/L		10/31/24 20:30	11/05/24 02:49	1
Copper	0.97	J	1.0	0.36	ug/L		10/31/24 20:30	11/05/24 02:49	1
Lead	8.6		0.50	0.12	ug/L		10/31/24 20:30	11/05/24 02:49	1
Manganese	240		2.0	0.95	ug/L		10/31/24 20:30	11/05/24 02:49	1
Nickel	0.91	J	1.0	0.40	ug/L		10/31/24 20:30	11/05/24 02:49	1
Silver	ND		0.50	0.10	ug/L		10/31/24 20:30	11/05/24 02:49	1
Thallium	ND		0.50	0.13	ug/L		10/31/24 20:30	11/05/24 02:49	1
Zinc	11		10	4.0	ug/L		10/31/24 20:30	11/05/24 02:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/07/24 07:50	11/08/24 15:58	1

Client Sample ID: MW-10_20241028

Lab Sample ID: 410-192708-82

Date Collected: 10/28/24 10:20
Date Received: 10/29/24 17:15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
1,1,2,2-Tetrachloroethane	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
1,1,2-Trichloroethane	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
1,1-Dichloroethane	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
1,1-Dichloroethene	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
1,2,4-Trichlorobenzene	ND	cn	50	3.0	ug/L			11/06/24 02:15	10
1,2-Dibromo-3-Chloropropane	ND	cn	50	3.0	ug/L			11/06/24 02:15	10
1,2-Dibromoethane	ND	cn	10	2.0	ug/L			11/06/24 02:15	10
1,2-Dichlorobenzene	ND	cn	50	2.0	ug/L			11/06/24 02:15	10
1,2-Dichloroethane	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
1,2-Dichloropropane	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
1,3-Dichlorobenzene	ND	cn	50	6.8	ug/L			11/06/24 02:15	10
1,4-Dichlorobenzene	ND	cn	50	3.0	ug/L			11/06/24 02:15	10
2-Butanone	ND	cn	100	5.0	ug/L			11/06/24 02:15	10
2-Hexanone	ND	cn	100	8.5	ug/L			11/06/24 02:15	10
4-Methyl-2-pentanone	ND	cn	100	5.0	ug/L			11/06/24 02:15	10
Acetone	ND	cn	200	7.0	ug/L			11/06/24 02:15	10
Benzene	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
Bromodichloromethane	ND	cn	10	2.0	ug/L			11/06/24 02:15	10
Bromoform	ND	cn	40	10	ug/L			11/06/24 02:15	10
Bromomethane	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
Carbon disulfide	ND	cn	50	3.0	ug/L			11/06/24 02:15	10
Carbon tetrachloride	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
Chlorobenzene	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
Chloroethane	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
Chloroform	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
Chloromethane	ND	cn	20	5.5	ug/L			11/06/24 02:15	10
cis-1,2-Dichloroethene	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
cis-1,3-Dichloropropene	ND	cn	10	2.0	ug/L			11/06/24 02:15	10
Cyclohexane	ND	cn	50	10	ug/L			11/06/24 02:15	10

Client Sample ID: MW-10_20241028

Date Collected: 10/28/24 10:20
Date Received: 10/29/24 17:15

Lab Sample ID: 410-192708-82

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND	cn	10	2.0	ug/L			11/06/24 02:15	10
Dichlorodifluoromethane	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
Ethylbenzene	ND	cn	10	4.0	ug/L			11/06/24 02:15	10
Freon 113	ND	cn	100	3.0	ug/L			11/06/24 02:15	10
Isopropylbenzene	ND	cn	50	3.0	ug/L			11/06/24 02:15	10
Methyl acetate	ND	cn	50	3.0	ug/L			11/06/24 02:15	10
Methyl tertiary butyl ether	ND	cn	10	2.0	ug/L			11/06/24 02:15	10
Methylcyclohexane	ND	cn	50	5.0	ug/L			11/06/24 02:15	10
Methylene Chloride	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
Styrene	ND	cn	50	3.0	ug/L			11/06/24 02:15	10
Tetrachloroethene	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
Toluene	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
trans-1,2-Dichloroethene	ND	cn	20	7.0	ug/L			11/06/24 02:15	10
trans-1,3-Dichloropropene	ND	cn	10	2.0	ug/L			11/06/24 02:15	10
Trichloroethene	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
Trichlorofluoromethane	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
Vinyl chloride	ND	cn	10	3.0	ug/L			11/06/24 02:15	10
Xylenes, Total	ND	cn	10	4.0	ug/L			11/06/24 02:15	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*cn*	*ug/L*			*N/A*		*11/06/24 02:15*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*	*cn*	*80 - 120*		*11/06/24 02:15*	*10*
4-Bromofluorobenzene (Surr)	*99*	*cn*	*80 - 120*		*11/06/24 02:15*	*10*
Dibromofluoromethane (Surr)	*102*	*cn*	*80 - 120*		*11/06/24 02:15*	*10*
Toluene-d8 (Surr)	*97*	*cn*	*80 - 120*		*11/06/24 02:15*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 10:50	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		10/31/24 19:46	11/01/24 10:50	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		10/31/24 19:46	11/01/24 10:50	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		10/31/24 19:46	11/01/24 10:50	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 10:50	1
2,4-Dimethylphenol	ND		10	0.62	ug/L		10/31/24 19:46	11/01/24 10:50	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		10/31/24 19:46	11/01/24 10:50	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		10/31/24 19:46	11/01/24 10:50	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		10/31/24 19:46	11/01/24 10:50	1
2-Chloronaphthalene	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 10:50	1
2-Chlorophenol	ND		10	0.38	ug/L		10/31/24 19:46	11/01/24 10:50	1
2-Methylnaphthalene	ND		10	0.53	ug/L		10/31/24 19:46	11/01/24 10:50	1
2-Methylphenol	ND		10	0.67	ug/L		10/31/24 19:46	11/01/24 10:50	1
2-Nitroaniline	ND		10	0.47	ug/L		10/31/24 19:46	11/01/24 10:50	1
2-Nitrophenol	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 10:50	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		10/31/24 19:46	11/01/24 10:50	1
3-Nitroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 10:50	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		10/31/24 19:46	11/01/24 10:50	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 10:50	1

Client Sample ID: MW-10_20241028

Lab Sample ID: 410-192708-82

Date Collected: 10/28/24 10:20
Date Received: 10/29/24 17:15

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		10/31/24 19:46	11/01/24 10:50	1
4-Chloroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 10:50	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 10:50	1
4-Methylphenol	ND		10	0.65	ug/L		10/31/24 19:46	11/01/24 10:50	1
4-Nitroaniline	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 10:50	1
4-Nitrophenol	ND		20	4.0	ug/L		10/31/24 19:46	11/01/24 10:50	1
Acenaphthene	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 10:50	1
Acenaphthylene	ND		10	0.82	ug/L		10/31/24 19:46	11/01/24 10:50	1
Acetophenone	ND		10	2.3	ug/L		10/31/24 19:46	11/01/24 10:50	1
Anthracene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 10:50	1
Atrazine	ND	*+	2.0	1.3	ug/L		10/31/24 19:46	11/01/24 10:50	1
Benzaldehyde	ND		10	2.1	ug/L		10/31/24 19:46	11/01/24 10:50	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		10/31/24 19:46	11/01/24 10:50	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		10/31/24 19:46	11/01/24 10:50	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		10/31/24 19:46	11/01/24 10:50	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		10/31/24 19:46	11/01/24 10:50	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		10/31/24 19:46	11/01/24 10:50	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		10/31/24 19:46	11/01/24 10:50	1
Caprolactam	ND		10	2.2	ug/L		10/31/24 19:46	11/01/24 10:50	1
Carbazole	ND		10	0.68	ug/L		10/31/24 19:46	11/01/24 10:50	1
Chrysene	ND		2.0	0.91	ug/L		10/31/24 19:46	11/01/24 10:50	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 10:50	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 10:50	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		10/31/24 19:46	11/01/24 10:50	1
Dibenzofuran	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 10:50	1
Diethyl phthalate	ND		10	0.98	ug/L		10/31/24 19:46	11/01/24 10:50	1
Dimethyl phthalate	ND		10	0.77	ug/L		10/31/24 19:46	11/01/24 10:50	1
Fluoranthene	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 10:50	1
Fluorene	ND		10	0.91	ug/L		10/31/24 19:46	11/01/24 10:50	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		10/31/24 19:46	11/01/24 10:50	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		10/31/24 19:46	11/01/24 10:50	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		10/31/24 19:46	11/01/24 10:50	1
Hexachloroethane	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 10:50	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		10/31/24 19:46	11/01/24 10:50	1
Isophorone	ND		10	0.80	ug/L		10/31/24 19:46	11/01/24 10:50	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		10/31/24 19:46	11/01/24 10:50	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		10/31/24 19:46	11/01/24 10:50	1
Naphthalene	ND		2.0	0.54	ug/L		10/31/24 19:46	11/01/24 10:50	1
Nitrobenzene	ND		1.0	0.57	ug/L		10/31/24 19:46	11/01/24 10:50	1
Pentachlorophenol	ND		20	1.4	ug/L		10/31/24 19:46	11/01/24 10:50	1
Phenanthrene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 10:50	1
Phenol	ND		10	0.29	ug/L		10/31/24 19:46	11/01/24 10:50	1
Pyrene	ND		10	1.6	ug/L		10/31/24 19:46	11/01/24 10:50	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		10/31/24 19:46	11/01/24 10:50	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		10/31/24 19:46	11/01/24 10:50	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 10:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*10/31/24 19:46*	*11/01/24 10:50*	*1*

Client Sample ID: MW-10_20241028

Lab Sample ID: 410-192708-82

Date Collected: 10/28/24 10:20
Matrix: Water
Date Received: 10/29/24 17:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*37 - 150*	*10/31/24 19:46*	*11/01/24 10:50*	*1*
2-Fluorophenol (Surr)	*50*		*16 - 80*	*10/31/24 19:46*	*11/01/24 10:50*	*1*
Nitrobenzene-d5 (Surr)	*99*		*51 - 145*	*10/31/24 19:46*	*11/01/24 10:50*	*1*
Phenol-d5 (Surr)	*35*		*10 - 56*	*10/31/24 19:46*	*11/01/24 10:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.53	0.11	ug/L		11/01/24 07:26	11/04/24 23:53	1
PCB-1221 (1C)	ND		0.53	0.11	ug/L		11/01/24 07:26	11/04/24 23:53	1
PCB-1232 (1C)	ND		0.53	0.11	ug/L		11/01/24 07:26	11/04/24 23:53	1
PCB-1242 (1C)	ND		0.53	0.11	ug/L		11/01/24 07:26	11/04/24 23:53	1
PCB-1248 (1C)	ND		0.53	0.082	ug/L		11/01/24 07:26	11/04/24 23:53	1
PCB-1254 (1C)	ND		0.53	0.082	ug/L		11/01/24 07:26	11/04/24 23:53	1
PCB-1260 (1C)	ND		0.53	0.082	ug/L		11/01/24 07:26	11/04/24 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*42*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/04/24 23:53*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*40*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/04/24 23:53*	*1*
Tetrachloro-m-xylene (1C)	*79*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/04/24 23:53*	*1*
Tetrachloro-m-xylene (2C)	*70*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/04/24 23:53*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**680**		25	12	ug/L		11/03/24 04:59	11/10/24 13:08	1
Antimony	**2.0**		1.0	0.20	ug/L		11/03/24 04:59	11/10/24 13:08	1
Arsenic	**5.7**		2.0	0.68	ug/L		11/03/24 04:59	11/10/24 13:08	1
Barium	**1600**		20	7.5	ug/L		11/03/24 04:59	11/21/24 16:01	10
Beryllium	ND	*+	0.50	0.12	ug/L		11/03/24 04:59	11/10/24 13:08	1
Cadmium	**0.35**	**J**	0.50	0.15	ug/L		11/03/24 04:59	11/10/24 13:08	1
Chromium	**4.8**		2.0	0.55	ug/L		11/03/24 04:59	11/10/24 13:08	1
Cobalt	**1.2**		0.50	0.16	ug/L		11/03/24 04:59	11/10/24 13:08	1
Copper	**25**		1.0	0.36	ug/L		11/03/24 04:59	11/10/24 13:08	1
Lead	**140**		0.50	0.12	ug/L		11/03/24 04:59	11/10/24 13:08	1
Manganese	**470**		2.0	0.95	ug/L		11/03/24 04:59	11/10/24 13:08	1
Nickel	**4.3**		1.0	0.40	ug/L		11/03/24 04:59	11/21/24 15:59	1
Silver	**0.26**	**J**	0.50	0.10	ug/L		11/03/24 04:59	11/10/24 13:08	1
Thallium	ND		0.50	0.13	ug/L		11/03/24 04:59	11/10/24 13:08	1
Zinc	**160**		10	4.0	ug/L		11/03/24 04:59	11/10/24 13:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.20**		0.20	0.079	ug/L		11/05/24 23:00	11/06/24 16:57	1

Client Sample ID: MW-08_20241028

Lab Sample ID: 410-192708-83

Date Collected: 10/28/24 11:30
Matrix: Water
Date Received: 10/29/24 17:15

Method: SW846 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	0.30	ug/L			11/05/24 22:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/05/24 22:22	1

Client Sample ID: MW-08_20241028

Lab Sample ID: 410-192708-83

Date Collected: 10/28/24 11:30

Matrix: Water

Date Received: 10/29/24 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/05/24 22:22	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/05/24 22:22	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/05/24 22:22	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/05/24 22:22	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/05/24 22:22	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/05/24 22:22	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/05/24 22:22	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/05/24 22:22	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/05/24 22:22	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/05/24 22:22	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/05/24 22:22	1
2-Butanone	ND		10	0.50	ug/L			11/05/24 22:22	1
2-Hexanone	ND		10	0.85	ug/L			11/05/24 22:22	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/05/24 22:22	1
Acetone	ND		20	0.70	ug/L			11/05/24 22:22	1
Benzene	ND		1.0	0.30	ug/L			11/05/24 22:22	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/05/24 22:22	1
Bromoform	ND		4.0	1.0	ug/L			11/05/24 22:22	1
Bromomethane	ND		1.0	0.30	ug/L			11/05/24 22:22	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/05/24 22:22	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/05/24 22:22	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/05/24 22:22	1
Chloroethane	ND		1.0	0.30	ug/L			11/05/24 22:22	1
Chloroform	ND		1.0	0.30	ug/L			11/05/24 22:22	1
Chloromethane	ND	F1	2.0	0.55	ug/L			11/05/24 22:22	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/05/24 22:22	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/05/24 22:22	1
Cyclohexane	ND		5.0	1.0	ug/L			11/05/24 22:22	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/05/24 22:22	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/05/24 22:22	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/05/24 22:22	1
Freon 113	ND		10	0.30	ug/L			11/05/24 22:22	1
Isopropylbenzene	ND	F1	5.0	0.30	ug/L			11/05/24 22:22	1
Methyl acetate	ND	F2	5.0	0.30	ug/L			11/05/24 22:22	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/05/24 22:22	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/05/24 22:22	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/05/24 22:22	1
Styrene	ND		5.0	0.30	ug/L			11/05/24 22:22	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/05/24 22:22	1
Toluene	ND		1.0	0.30	ug/L			11/05/24 22:22	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/05/24 22:22	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/05/24 22:22	1
Trichloroethene	ND		1.0	0.30	ug/L			11/05/24 22:22	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/05/24 22:22	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/05/24 22:22	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/05/24 22:22	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*11/05/24 22:22*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-08_20241028

Date Collected: 10/28/24 11:30
Date Received: 10/29/24 17:15

Lab Sample ID: 410-192708-83

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*		*11/05/24 22:22*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/05/24 22:22*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*11/05/24 22:22*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/05/24 22:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 08:02	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		10/31/24 19:46	11/01/24 08:02	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		10/31/24 19:46	11/01/24 08:02	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		10/31/24 19:46	11/01/24 08:02	1
2,4-Dichlorophenol	ND	F2	10	1.1	ug/L		10/31/24 19:46	11/01/24 08:02	1
2,4-Dimethylphenol	ND	F1	10	0.62	ug/L		10/31/24 19:46	11/01/24 08:02	1
2,4-Dinitrophenol	ND	F1 F2	40	2.6	ug/L		10/31/24 19:46	11/01/24 08:02	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		10/31/24 19:46	11/01/24 08:02	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		10/31/24 19:46	11/01/24 08:02	1
2-Chloronaphthalene	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 08:02	1
2-Chlorophenol	ND		10	0.38	ug/L		10/31/24 19:46	11/01/24 08:02	1
2-Methylnaphthalene	ND		10	0.53	ug/L		10/31/24 19:46	11/01/24 08:02	1
2-Methylphenol	ND		10	0.67	ug/L		10/31/24 19:46	11/01/24 08:02	1
2-Nitroaniline	ND		10	0.47	ug/L		10/31/24 19:46	11/01/24 08:02	1
2-Nitrophenol	ND	F2	10	0.75	ug/L		10/31/24 19:46	11/01/24 08:02	1
3,3'-Dichlorobenzidine	ND	F1 F2	10	1.4	ug/L		10/31/24 19:46	11/01/24 08:02	1
3-Nitroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 08:02	1
4,6-Dinitro-2-methylphenol	ND	F1 F2	20	3.0	ug/L		10/31/24 19:46	11/01/24 08:02	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 08:02	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		10/31/24 19:46	11/01/24 08:02	1
4-Chloroaniline	ND	F2	10	1.9	ug/L		10/31/24 19:46	11/01/24 08:02	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 08:02	1
4-Methylphenol	ND		10	0.65	ug/L		10/31/24 19:46	11/01/24 08:02	1
4-Nitroaniline	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 08:02	1
4-Nitrophenol	ND	F2	20	4.0	ug/L		10/31/24 19:46	11/01/24 08:02	1
Acenaphthene	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 08:02	1
Acenaphthylene	ND	F1	10	0.82	ug/L		10/31/24 19:46	11/01/24 08:02	1
Acetophenone	ND		10	2.3	ug/L		10/31/24 19:46	11/01/24 08:02	1
Anthracene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 08:02	1
Atrazine	ND	*+ F1 F2	2.0	1.3	ug/L		10/31/24 19:46	11/01/24 08:02	1
Benzaldehyde	ND		10	2.1	ug/L		10/31/24 19:46	11/01/24 08:02	1
Benzo[a]anthracene	ND	F1	1.0	0.59	ug/L		10/31/24 19:46	11/01/24 08:02	1
Benzo[a]pyrene	ND	F1	1.0	0.41	ug/L		10/31/24 19:46	11/01/24 08:02	1
Benzo[b]fluoranthene	ND	F1	2.0	0.68	ug/L		10/31/24 19:46	11/01/24 08:02	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		10/31/24 19:46	11/01/24 08:02	1
Benzo[k]fluoranthene	ND	F1	1.0	0.67	ug/L		10/31/24 19:46	11/01/24 08:02	1
Butyl benzyl phthalate	ND	F1	10	0.85	ug/L		10/31/24 19:46	11/01/24 08:02	1
Caprolactam	ND		10	2.2	ug/L		10/31/24 19:46	11/01/24 08:02	1
Carbazole	ND		10	0.68	ug/L		10/31/24 19:46	11/01/24 08:02	1
Chrysene	ND		2.0	0.91	ug/L		10/31/24 19:46	11/01/24 08:02	1
Di-n-butyl phthalate	ND	F1	10	0.84	ug/L		10/31/24 19:46	11/01/24 08:02	1
Di-n-octyl phthalate	ND	F1	10	0.75	ug/L		10/31/24 19:46	11/01/24 08:02	1

Client Sample ID: MW-08_20241028

Lab Sample ID: 410-192708-83

Date Collected: 10/28/24 11:30
Date Received: 10/29/24 17:15

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		10/31/24 19:46	11/01/24 08:02	1
Dibenzofuran	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 08:02	1
Diethyl phthalate	ND		10	0.98	ug/L		10/31/24 19:46	11/01/24 08:02	1
Dimethyl phthalate	ND		10	0.77	ug/L		10/31/24 19:46	11/01/24 08:02	1
Fluoranthene	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 08:02	1
Fluorene	ND		10	0.91	ug/L		10/31/24 19:46	11/01/24 08:02	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		10/31/24 19:46	11/01/24 08:02	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		10/31/24 19:46	11/01/24 08:02	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		10/31/24 19:46	11/01/24 08:02	1
Hexachloroethane	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 08:02	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		10/31/24 19:46	11/01/24 08:02	1
Isophorone	ND		10	0.80	ug/L		10/31/24 19:46	11/01/24 08:02	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		10/31/24 19:46	11/01/24 08:02	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		10/31/24 19:46	11/01/24 08:02	1
Naphthalene	ND		2.0	0.54	ug/L		10/31/24 19:46	11/01/24 08:02	1
Nitrobenzene	ND		1.0	0.57	ug/L		10/31/24 19:46	11/01/24 08:02	1
Pentachlorophenol	ND	F2	20	1.4	ug/L		10/31/24 19:46	11/01/24 08:02	1
Phenanthrene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 08:02	1
Phenol	ND		10	0.29	ug/L		10/31/24 19:46	11/01/24 08:02	1
Pyrene	ND		10	1.6	ug/L		10/31/24 19:46	11/01/24 08:02	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		10/31/24 19:46	11/01/24 08:02	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		10/31/24 19:46	11/01/24 08:02	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 08:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*10/31/24 19:46*	*11/01/24 08:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*37 - 150*	*10/31/24 19:46*	*11/01/24 08:02*	*1*
2-Fluorophenol (Surr)	*39*		*16 - 80*	*10/31/24 19:46*	*11/01/24 08:02*	*1*
Nitrobenzene-d5 (Surr)	*81*		*51 - 145*	*10/31/24 19:46*	*11/01/24 08:02*	*1*
Phenol-d5 (Surr)	*28*		*10 - 56*	*10/31/24 19:46*	*11/01/24 08:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.53	0.11	ug/L		11/01/24 07:26	11/05/24 16:59	1
PCB-1221 (1C)	ND		0.53	0.11	ug/L		11/01/24 07:26	11/05/24 16:59	1
PCB-1232 (1C)	ND		0.53	0.11	ug/L		11/01/24 07:26	11/05/24 16:59	1
PCB-1242 (1C)	ND		0.53	0.11	ug/L		11/01/24 07:26	11/05/24 16:59	1
PCB-1248 (1C)	ND		0.53	0.083	ug/L		11/01/24 07:26	11/05/24 16:59	1
PCB-1254 (1C)	ND		0.53	0.083	ug/L		11/01/24 07:26	11/05/24 16:59	1
PCB-1260 (1C)	ND		0.53	0.083	ug/L		11/01/24 07:26	11/05/24 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*67*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/05/24 16:59*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*66*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/05/24 16:59*	*1*
Tetrachloro-m-xylene (1C)	*77*		*33 - 137*	*11/01/24 07:26*	*11/05/24 16:59*	*1*
Tetrachloro-m-xylene (2C)	*68*		*33 - 137*	*11/01/24 07:26*	*11/05/24 16:59*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-08_20241028

Lab Sample ID: 410-192708-83

Date Collected: 10/28/24 11:30
Matrix: Water
Date Received: 10/29/24 17:15

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**19**	**J**	25	12	ug/L		11/03/24 04:59	11/10/24 12:39	1
Antimony	ND		1.0	0.20	ug/L		11/03/24 04:59	11/10/24 12:39	1
Arsenic	ND		2.0	0.68	ug/L		11/03/24 04:59	11/10/24 12:39	1
Barium	**14**		2.0	0.75	ug/L		11/03/24 04:59	11/10/24 12:39	1
Beryllium	ND	*+	0.50	0.12	ug/L		11/03/24 04:59	11/10/24 12:39	1
Cadmium	ND		0.50	0.15	ug/L		11/03/24 04:59	11/10/24 12:39	1
Chromium	ND		2.0	0.55	ug/L		11/03/24 04:59	11/10/24 12:39	1
Cobalt	**3.8**		0.50	0.16	ug/L		11/03/24 04:59	11/10/24 12:39	1
Copper	**0.41**	**J**	1.0	0.36	ug/L		11/03/24 04:59	11/10/24 12:39	1
Lead	ND		0.50	0.12	ug/L		11/03/24 04:59	11/10/24 12:39	1
Manganese	**1800**		2.0	0.95	ug/L		11/03/24 04:59	11/10/24 12:39	1
Nickel	**2.7**		1.0	0.40	ug/L		11/03/24 04:59	11/21/24 15:06	1
Silver	ND		0.50	0.10	ug/L		11/03/24 04:59	11/10/24 12:39	1
Thallium	**0.43**	**J**	0.50	0.13	ug/L		11/03/24 04:59	11/21/24 15:06	1
Zinc	**7.0**	**J**	10	4.0	ug/L		11/03/24 04:59	11/10/24 12:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/10/24 05:30	11/11/24 11:31	1

Client Sample ID: MW-07_20241028

Lab Sample ID: 410-192708-84

Date Collected: 10/28/24 15:00
Matrix: Water
Date Received: 10/29/24 17:15

Method: SW846 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	0.30	ug/L			11/05/24 23:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/05/24 23:20	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/05/24 23:20	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/05/24 23:20	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/05/24 23:20	1
1,2,4-Trichlorobenzene	**1.2**	**J**	5.0	0.30	ug/L			11/05/24 23:20	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/05/24 23:20	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/05/24 23:20	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/05/24 23:20	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/05/24 23:20	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/05/24 23:20	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/05/24 23:20	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/05/24 23:20	1
2-Butanone	**7.0**	**J**	10	0.50	ug/L			11/05/24 23:20	1
2-Hexanone	**3.6**	**J**	10	0.85	ug/L			11/05/24 23:20	1
4-Methyl-2-pentanone	**2.7**	**J**	10	0.50	ug/L			11/05/24 23:20	1
Acetone	**8.2**	**J**	20	0.70	ug/L			11/05/24 23:20	1
Benzene	**0.31**	**J**	1.0	0.30	ug/L			11/05/24 23:20	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/05/24 23:20	1
Bromoform	ND		4.0	1.0	ug/L			11/05/24 23:20	1
Bromomethane	ND		1.0	0.30	ug/L			11/05/24 23:20	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/05/24 23:20	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/05/24 23:20	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/05/24 23:20	1

Client Sample ID: MW-07_20241028

Lab Sample ID: 410-192708-84

Date Collected: 10/28/24 15:00
Date Received: 10/29/24 17:15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.0	0.30	ug/L			11/05/24 23:20	1
Chloroform	ND		1.0	0.30	ug/L			11/05/24 23:20	1
Chloromethane	ND		2.0	0.55	ug/L			11/05/24 23:20	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/05/24 23:20	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/05/24 23:20	1
Cyclohexane	ND		5.0	1.0	ug/L			11/05/24 23:20	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/05/24 23:20	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/05/24 23:20	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/05/24 23:20	1
Freon 113	ND		10	0.30	ug/L			11/05/24 23:20	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/05/24 23:20	1
Methyl acetate	ND		5.0	0.30	ug/L			11/05/24 23:20	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/05/24 23:20	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/05/24 23:20	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/05/24 23:20	1
Styrene	ND		5.0	0.30	ug/L			11/05/24 23:20	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/05/24 23:20	1
Toluene	ND		1.0	0.30	ug/L			11/05/24 23:20	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/05/24 23:20	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/05/24 23:20	1
Trichloroethene	ND		1.0	0.30	ug/L			11/05/24 23:20	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/05/24 23:20	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/05/24 23:20	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/05/24 23:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*11/05/24 23:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*11/05/24 23:20*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/05/24 23:20*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*11/05/24 23:20*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/05/24 23:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 11:11	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		10/31/24 19:46	11/01/24 11:11	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		10/31/24 19:46	11/01/24 11:11	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		10/31/24 19:46	11/01/24 11:11	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 11:11	1
2,4-Dimethylphenol	ND		10	0.62	ug/L		10/31/24 19:46	11/01/24 11:11	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		10/31/24 19:46	11/01/24 11:11	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		10/31/24 19:46	11/01/24 11:11	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		10/31/24 19:46	11/01/24 11:11	1
2-Chloronaphthalene	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 11:11	1
2-Chlorophenol	ND		10	0.38	ug/L		10/31/24 19:46	11/01/24 11:11	1
2-Methylnaphthalene	ND		10	0.53	ug/L		10/31/24 19:46	11/01/24 11:11	1
2-Methylphenol	ND		10	0.67	ug/L		10/31/24 19:46	11/01/24 11:11	1

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-07_20241028
Date Collected: 10/28/24 15:00
Date Received: 10/29/24 17:15

Lab Sample ID: 410-192708-84
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10	0.47	ug/L		10/31/24 19:46	11/01/24 11:11	1
2-Nitrophenol	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 11:11	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		10/31/24 19:46	11/01/24 11:11	1
3-Nitroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 11:11	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		10/31/24 19:46	11/01/24 11:11	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 11:11	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		10/31/24 19:46	11/01/24 11:11	1
4-Chloroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 11:11	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 11:11	1
4-Methylphenol	ND		10	0.65	ug/L		10/31/24 19:46	11/01/24 11:11	1
4-Nitroaniline	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 11:11	1
4-Nitrophenol	ND		20	4.0	ug/L		10/31/24 19:46	11/01/24 11:11	1
Acenaphthene	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 11:11	1
Acenaphthylene	ND		10	0.82	ug/L		10/31/24 19:46	11/01/24 11:11	1
Acetophenone	ND		10	2.3	ug/L		10/31/24 19:46	11/01/24 11:11	1
Anthracene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 11:11	1
Atrazine	ND	*+	2.0	1.3	ug/L		10/31/24 19:46	11/01/24 11:11	1
Benzaldehyde	ND		10	2.1	ug/L		10/31/24 19:46	11/01/24 11:11	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		10/31/24 19:46	11/01/24 11:11	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		10/31/24 19:46	11/01/24 11:11	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		10/31/24 19:46	11/01/24 11:11	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		10/31/24 19:46	11/01/24 11:11	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		10/31/24 19:46	11/01/24 11:11	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		10/31/24 19:46	11/01/24 11:11	1
Caprolactam	ND		10	2.2	ug/L		10/31/24 19:46	11/01/24 11:11	1
Carbazole	ND		10	0.68	ug/L		10/31/24 19:46	11/01/24 11:11	1
Chrysene	ND		2.0	0.91	ug/L		10/31/24 19:46	11/01/24 11:11	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 11:11	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 11:11	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		10/31/24 19:46	11/01/24 11:11	1
Dibenzofuran	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 11:11	1
Diethyl phthalate	ND		10	0.98	ug/L		10/31/24 19:46	11/01/24 11:11	1
Dimethyl phthalate	ND		10	0.77	ug/L		10/31/24 19:46	11/01/24 11:11	1
Fluoranthene	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 11:11	1
Fluorene	ND		10	0.91	ug/L		10/31/24 19:46	11/01/24 11:11	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		10/31/24 19:46	11/01/24 11:11	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		10/31/24 19:46	11/01/24 11:11	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		10/31/24 19:46	11/01/24 11:11	1
Hexachloroethane	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 11:11	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		10/31/24 19:46	11/01/24 11:11	1
Isophorone	ND		10	0.80	ug/L		10/31/24 19:46	11/01/24 11:11	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		10/31/24 19:46	11/01/24 11:11	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		10/31/24 19:46	11/01/24 11:11	1
Naphthalene	ND		2.0	0.54	ug/L		10/31/24 19:46	11/01/24 11:11	1
Nitrobenzene	ND		1.0	0.57	ug/L		10/31/24 19:46	11/01/24 11:11	1
Pentachlorophenol	ND		20	1.4	ug/L		10/31/24 19:46	11/01/24 11:11	1
Phenanthrene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 11:11	1
Phenol	ND		10	0.29	ug/L		10/31/24 19:46	11/01/24 11:11	1

Client Sample ID: MW-07_20241028

Lab Sample ID: 410-192708-84

Date Collected: 10/28/24 15:00
Matrix: Water
Date Received: 10/29/24 17:15

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		10	1.6	ug/L		10/31/24 19:46	11/01/24 11:11	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		10/31/24 19:46	11/01/24 11:11	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		10/31/24 19:46	11/01/24 11:11	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 11:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzoic acid, 2,4-dichloro-	*7.6*	*T J N*	*ug/L*		*7.08*	*50-84-0*	*10/31/24 19:46*	*11/01/24 11:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*37 - 150*	*10/31/24 19:46*	*11/01/24 11:11*	*1*
2-Fluorophenol (Surr)	*50*		*16 - 80*	*10/31/24 19:46*	*11/01/24 11:11*	*1*
Nitrobenzene-d5 (Surr)	*97*		*51 - 145*	*10/31/24 19:46*	*11/01/24 11:11*	*1*
Phenol-d5 (Surr)	*37*		*10 - 56*	*10/31/24 19:46*	*11/01/24 11:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/05/24 00:03	1
PCB-1221 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/05/24 00:03	1
PCB-1232 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/05/24 00:03	1
PCB-1242 (1C)	ND		0.51	0.10	ug/L		11/01/24 07:26	11/05/24 00:03	1
PCB-1248 (1C)	ND		0.51	0.079	ug/L		11/01/24 07:26	11/05/24 00:03	1
PCB-1254 (1C)	ND		0.51	0.079	ug/L		11/01/24 07:26	11/05/24 00:03	1
PCB-1260 (1C)	ND		0.51	0.079	ug/L		11/01/24 07:26	11/05/24 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*72*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/05/24 00:03*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*71*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/05/24 00:03*	*1*
Tetrachloro-m-xylene (1C)	*78*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/05/24 00:03*	*1*
Tetrachloro-m-xylene (2C)	*71*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/05/24 00:03*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**180**		25	12	ug/L		11/03/24 04:59	11/10/24 13:12	1
Antimony	ND		1.0	0.20	ug/L		11/03/24 04:59	11/10/24 13:12	1
Arsenic	ND		2.0	0.68	ug/L		11/03/24 04:59	11/10/24 13:12	1
Barium	**42**		2.0	0.75	ug/L		11/03/24 04:59	11/10/24 13:12	1
Beryllium	ND	*+	0.50	0.12	ug/L		11/03/24 04:59	11/10/24 13:12	1
Cadmium	**0.26**	**J**	0.50	0.15	ug/L		11/03/24 04:59	11/10/24 13:12	1
Chromium	**22**		2.0	0.55	ug/L		11/03/24 04:59	11/10/24 13:12	1
Cobalt	**1.6**		0.50	0.16	ug/L		11/03/24 04:59	11/10/24 13:12	1
Copper	**0.49**	**J**	1.0	0.36	ug/L		11/03/24 04:59	11/10/24 13:12	1
Lead	**0.32**	**J**	0.50	0.12	ug/L		11/03/24 04:59	11/10/24 13:12	1
Manganese	**82**		2.0	0.95	ug/L		11/03/24 04:59	11/10/24 13:12	1
Nickel	**2.9**		1.0	0.40	ug/L		11/03/24 04:59	11/21/24 16:03	1
Silver	ND		0.50	0.10	ug/L		11/03/24 04:59	11/10/24 13:12	1
Thallium	ND		0.50	0.13	ug/L		11/03/24 04:59	11/10/24 13:12	1
Zinc	**10**		10	4.0	ug/L		11/03/24 04:59	11/10/24 13:12	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-07_20241028

Lab Sample ID: 410-192708-84

Date Collected: 10/28/24 15:00
Matrix: Water
Date Received: 10/29/24 17:15

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/05/24 23:00	11/06/24 16:50	1

Client Sample ID: MW-06_20241028

Lab Sample ID: 410-192708-85

Date Collected: 10/28/24 13:30
Matrix: Water
Date Received: 10/29/24 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
1,1,2,2-Tetrachloroethane	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
1,1,2-Trichloroethane	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
1,1-Dichloroethane	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
1,1-Dichloroethene	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
1,2,4-Trichlorobenzene	ND	cn	50	3.0	ug/L			11/06/24 02:35	10
1,2-Dibromo-3-Chloropropane	ND	cn	50	3.0	ug/L			11/06/24 02:35	10
1,2-Dibromoethane	ND	cn	10	2.0	ug/L			11/06/24 02:35	10
1,2-Dichlorobenzene	ND	cn	50	2.0	ug/L			11/06/24 02:35	10
1,2-Dichloroethane	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
1,2-Dichloropropane	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
1,3-Dichlorobenzene	ND	cn	50	6.8	ug/L			11/06/24 02:35	10
1,4-Dichlorobenzene	ND	cn	50	3.0	ug/L			11/06/24 02:35	10
2-Butanone	ND	cn	100	5.0	ug/L			11/06/24 02:35	10
2-Hexanone	ND	cn	100	8.5	ug/L			11/06/24 02:35	10
4-Methyl-2-pentanone	ND	cn	100	5.0	ug/L			11/06/24 02:35	10
Acetone	ND	cn	200	7.0	ug/L			11/06/24 02:35	10
Benzene	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
Bromodichloromethane	ND	cn	10	2.0	ug/L			11/06/24 02:35	10
Bromoform	ND	cn	40	10	ug/L			11/06/24 02:35	10
Bromomethane	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
Carbon disulfide	ND	cn	50	3.0	ug/L			11/06/24 02:35	10
Carbon tetrachloride	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
Chlorobenzene	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
Chloroethane	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
Chloroform	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
Chloromethane	ND	cn	20	5.5	ug/L			11/06/24 02:35	10
cis-1,2-Dichloroethene	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
cis-1,3-Dichloropropene	ND	cn	10	2.0	ug/L			11/06/24 02:35	10
Cyclohexane	ND	cn	50	10	ug/L			11/06/24 02:35	10
Dibromochloromethane	ND	cn	10	2.0	ug/L			11/06/24 02:35	10
Dichlorodifluoromethane	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
Ethylbenzene	ND	cn	10	4.0	ug/L			11/06/24 02:35	10
Freon 113	ND	cn	100	3.0	ug/L			11/06/24 02:35	10
Isopropylbenzene	ND	cn	50	3.0	ug/L			11/06/24 02:35	10
Methyl acetate	ND	cn	50	3.0	ug/L			11/06/24 02:35	10
Methyl tertiary butyl ether	ND	cn	10	2.0	ug/L			11/06/24 02:35	10
Methylcyclohexane	ND	cn	50	5.0	ug/L			11/06/24 02:35	10
Methylene Chloride	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
Styrene	ND	cn	50	3.0	ug/L			11/06/24 02:35	10
Tetrachloroethene	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
Toluene	ND	cn	10	3.0	ug/L			11/06/24 02:35	10

Client Sample ID: MW-06_20241028

Lab Sample ID: 410-192708-85

Date Collected: 10/28/24 13:30

Matrix: Water

Date Received: 10/29/24 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND	cn	20	7.0	ug/L			11/06/24 02:35	10
trans-1,3-Dichloropropene	ND	cn	10	2.0	ug/L			11/06/24 02:35	10
Trichloroethene	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
Trichlorofluoromethane	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
Vinyl chloride	ND	cn	10	3.0	ug/L			11/06/24 02:35	10
Xylenes, Total	ND	cn	10	4.0	ug/L			11/06/24 02:35	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*cn*	*ug/L*			*N/A*		*11/06/24 02:35*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*	*cn*	*80 - 120*		*11/06/24 02:35*	*10*
4-Bromofluorobenzene (Surr)	*96*	*cn*	*80 - 120*		*11/06/24 02:35*	*10*
Dibromofluoromethane (Surr)	*103*	*cn*	*80 - 120*		*11/06/24 02:35*	*10*
Toluene-d8 (Surr)	*95*	*cn*	*80 - 120*		*11/06/24 02:35*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	cn	10	1.2	ug/L		10/31/24 19:46	11/01/24 11:32	1
2,2'-oxybis[1-chloropropane]	ND	cn	10	0.63	ug/L		10/31/24 19:46	11/01/24 11:32	1
2,4,5-Trichlorophenol	ND	cn	10	0.88	ug/L		10/31/24 19:46	11/01/24 11:32	1
2,4,6-Trichlorophenol	ND	cn	10	0.86	ug/L		10/31/24 19:46	11/01/24 11:32	1
2,4-Dichlorophenol	ND	cn	10	1.1	ug/L		10/31/24 19:46	11/01/24 11:32	1
2,4-Dimethylphenol	ND	cn	10	0.62	ug/L		10/31/24 19:46	11/01/24 11:32	1
2,4-Dinitrophenol	ND	cn	40	2.6	ug/L		10/31/24 19:46	11/01/24 11:32	1
2,4-Dinitrotoluene	ND	cn	10	1.0	ug/L		10/31/24 19:46	11/01/24 11:32	1
2,6-Dinitrotoluene	ND	cn	2.0	0.83	ug/L		10/31/24 19:46	11/01/24 11:32	1
2-Chloronaphthalene	ND	cn	10	1.2	ug/L		10/31/24 19:46	11/01/24 11:32	1
2-Chlorophenol	ND	cn	10	0.38	ug/L		10/31/24 19:46	11/01/24 11:32	1
2-Methylnaphthalene	ND	cn	10	0.53	ug/L		10/31/24 19:46	11/01/24 11:32	1
2-Methylphenol	ND	cn	10	0.67	ug/L		10/31/24 19:46	11/01/24 11:32	1
2-Nitroaniline	ND	cn	10	0.47	ug/L		10/31/24 19:46	11/01/24 11:32	1
2-Nitrophenol	ND	cn	10	0.75	ug/L		10/31/24 19:46	11/01/24 11:32	1
3,3'-Dichlorobenzidine	ND	cn	10	1.4	ug/L		10/31/24 19:46	11/01/24 11:32	1
3-Nitroaniline	ND	cn	10	1.9	ug/L		10/31/24 19:46	11/01/24 11:32	1
4,6-Dinitro-2-methylphenol	ND	cn	20	3.0	ug/L		10/31/24 19:46	11/01/24 11:32	1
4-Bromophenyl phenyl ether	ND	cn	10	0.75	ug/L		10/31/24 19:46	11/01/24 11:32	1
4-Chloro-3-methylphenol	ND	cn	10	0.58	ug/L		10/31/24 19:46	11/01/24 11:32	1
4-Chloroaniline	ND	cn	10	1.9	ug/L		10/31/24 19:46	11/01/24 11:32	1
4-Chlorophenyl phenyl ether	ND	cn	10	1.3	ug/L		10/31/24 19:46	11/01/24 11:32	1
4-Methylphenol	ND	cn	10	0.65	ug/L		10/31/24 19:46	11/01/24 11:32	1
4-Nitroaniline	ND	cn	10	1.2	ug/L		10/31/24 19:46	11/01/24 11:32	1
4-Nitrophenol	ND	cn	20	4.0	ug/L		10/31/24 19:46	11/01/24 11:32	1
Acenaphthene	ND	cn	10	1.1	ug/L		10/31/24 19:46	11/01/24 11:32	1
Acenaphthylene	ND	cn	10	0.82	ug/L		10/31/24 19:46	11/01/24 11:32	1
Acetophenone	ND	cn	10	2.3	ug/L		10/31/24 19:46	11/01/24 11:32	1
Anthracene	ND	cn	10	1.3	ug/L		10/31/24 19:46	11/01/24 11:32	1
Atrazine	ND	*+ cn	2.0	1.3	ug/L		10/31/24 19:46	11/01/24 11:32	1
Benzaldehyde	ND	cn	10	2.1	ug/L		10/31/24 19:46	11/01/24 11:32	1

Client Sample ID: MW-06_20241028

Date Collected: 10/28/24 13:30
Date Received: 10/29/24 17:15

Lab Sample ID: 410-192708-85

Matrix: Water

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND	cn	1.0	0.59	ug/L		10/31/24 19:46	11/01/24 11:32	1
Benzo[a]pyrene	ND	cn	1.0	0.41	ug/L		10/31/24 19:46	11/01/24 11:32	1
Benzo[b]fluoranthene	ND	cn	2.0	0.68	ug/L		10/31/24 19:46	11/01/24 11:32	1
Benzo[g,h,i]perylene	ND	cn	10	0.70	ug/L		10/31/24 19:46	11/01/24 11:32	1
Benzo[k]fluoranthene	ND	cn	1.0	0.67	ug/L		10/31/24 19:46	11/01/24 11:32	1
Butyl benzyl phthalate	ND	cn	10	0.85	ug/L		10/31/24 19:46	11/01/24 11:32	1
Caprolactam	ND	cn	10	2.2	ug/L		10/31/24 19:46	11/01/24 11:32	1
Carbazole	ND	cn	10	0.68	ug/L		10/31/24 19:46	11/01/24 11:32	1
Chrysene	ND	cn	2.0	0.91	ug/L		10/31/24 19:46	11/01/24 11:32	1
Di-n-butyl phthalate	ND	cn	10	0.84	ug/L		10/31/24 19:46	11/01/24 11:32	1
Di-n-octyl phthalate	ND	cn	10	0.75	ug/L		10/31/24 19:46	11/01/24 11:32	1
Dibenz(a,h)anthracene	ND	cn	1.0	0.72	ug/L		10/31/24 19:46	11/01/24 11:32	1
Dibenzofuran	ND	cn	10	1.1	ug/L		10/31/24 19:46	11/01/24 11:32	1
Diethyl phthalate	ND	cn	10	0.98	ug/L		10/31/24 19:46	11/01/24 11:32	1
Dimethyl phthalate	ND	cn	10	0.77	ug/L		10/31/24 19:46	11/01/24 11:32	1
Fluoranthene	ND	cn	10	0.84	ug/L		10/31/24 19:46	11/01/24 11:32	1
Fluorene	ND	cn	10	0.91	ug/L		10/31/24 19:46	11/01/24 11:32	1
Hexachlorobenzene	ND	cn	1.0	0.40	ug/L		10/31/24 19:46	11/01/24 11:32	1
Hexachlorobutadiene	ND	cn	1.0	0.78	ug/L		10/31/24 19:46	11/01/24 11:32	1
Hexachlorocyclopentadiene	ND	cn	10	3.6	ug/L		10/31/24 19:46	11/01/24 11:32	1
Hexachloroethane	ND	cn	2.0	0.80	ug/L		10/31/24 19:46	11/01/24 11:32	1
Indeno[1,2,3-cd]pyrene	ND	cn	2.0	0.94	ug/L		10/31/24 19:46	11/01/24 11:32	1
Isophorone	ND	cn	10	0.80	ug/L		10/31/24 19:46	11/01/24 11:32	1
N-Nitrosodi-n-propylamine	ND	cn	1.0	0.43	ug/L		10/31/24 19:46	11/01/24 11:32	1
N-Nitrosodiphenylamine	ND	cn	10	0.89	ug/L		10/31/24 19:46	11/01/24 11:32	1
Naphthalene	ND	cn	2.0	0.54	ug/L		10/31/24 19:46	11/01/24 11:32	1
Nitrobenzene	ND	cn	1.0	0.57	ug/L		10/31/24 19:46	11/01/24 11:32	1
Pentachlorophenol	ND	cn	20	1.4	ug/L		10/31/24 19:46	11/01/24 11:32	1
Phenanthrene	ND	cn	10	1.3	ug/L		10/31/24 19:46	11/01/24 11:32	1
Phenol	ND	cn	10	0.29	ug/L		10/31/24 19:46	11/01/24 11:32	1
Pyrene	ND	cn	10	1.6	ug/L		10/31/24 19:46	11/01/24 11:32	1
Bis(2-chloroethoxy)methane	ND	cn	10	0.59	ug/L		10/31/24 19:46	11/01/24 11:32	1
Bis(2-chloroethyl)ether	ND	cn	1.0	0.63	ug/L		10/31/24 19:46	11/01/24 11:32	1
Bis(2-ethylhexyl) phthalate	ND	cn	2.0	0.80	ug/L		10/31/24 19:46	11/01/24 11:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzoic acid, 2,4-dichloro-	*7.1*	*T J N cn*	*ug/L*		*7.08*	*50-84-0*	*10/31/24 19:46*	*11/01/24 11:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*	*cn*	*37 - 150*	*10/31/24 19:46*	*11/01/24 11:32*	*1*
2-Fluorophenol (Surr)	*64*	*cn*	*16 - 80*	*10/31/24 19:46*	*11/01/24 11:32*	*1*
Nitrobenzene-d5 (Surr)	*102*	*cn*	*51 - 145*	*10/31/24 19:46*	*11/01/24 11:32*	*1*
Phenol-d5 (Surr)	*58*	*S1+ cn*	*10 - 56*	*10/31/24 19:46*	*11/01/24 11:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.52	0.10	ug/L		11/01/24 07:26	11/05/24 00:14	1
PCB-1221 (1C)	ND		0.52	0.10	ug/L		11/01/24 07:26	11/05/24 00:14	1
PCB-1232 (1C)	ND		0.52	0.10	ug/L		11/01/24 07:26	11/05/24 00:14	1

Client Sample ID: MW-06_20241028

Lab Sample ID: 410-192708-85

Date Collected: 10/28/24 13:30
Matrix: Water
Date Received: 10/29/24 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242 (1C)	ND		0.52	0.10	ug/L		11/01/24 07:26	11/05/24 00:14	1
PCB-1248 (1C)	ND		0.52	0.081	ug/L		11/01/24 07:26	11/05/24 00:14	1
PCB-1254 (1C)	ND		0.52	0.081	ug/L		11/01/24 07:26	11/05/24 00:14	1
PCB-1260 (1C)	ND		0.52	0.081	ug/L		11/01/24 07:26	11/05/24 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*39*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/05/24 00:14*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*36*	*cn*	*10 - 148*	*11/01/24 07:26*	*11/05/24 00:14*	*1*
Tetrachloro-m-xylene (1C)	*76*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/05/24 00:14*	*1*
Tetrachloro-m-xylene (2C)	*69*	*cn*	*33 - 137*	*11/01/24 07:26*	*11/05/24 00:14*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**220**		25	12	ug/L		11/03/24 04:59	11/10/24 13:26	1
Antimony	**0.92**	**J**	1.0	0.20	ug/L		11/03/24 04:59	11/10/24 13:26	1
Arsenic	**24**		2.0	0.68	ug/L		11/03/24 04:59	11/10/24 13:26	1
Barium	**1300**		20	7.5	ug/L		11/03/24 04:59	11/21/24 16:27	10
Beryllium	ND	*+	0.50	0.12	ug/L		11/03/24 04:59	11/10/24 13:26	1
Cadmium	ND		0.50	0.15	ug/L		11/03/24 04:59	11/10/24 13:26	1
Chromium	**1.4**	**J**	2.0	0.55	ug/L		11/03/24 04:59	11/10/24 13:26	1
Cobalt	**1.0**		0.50	0.16	ug/L		11/03/24 04:59	11/10/24 13:26	1
Copper	**8.2**		1.0	0.36	ug/L		11/03/24 04:59	11/10/24 13:26	1
Lead	**41**		0.50	0.12	ug/L		11/03/24 04:59	11/10/24 13:26	1
Manganese	**590**		2.0	0.95	ug/L		11/03/24 04:59	11/10/24 13:26	1
Nickel	**2.4**		1.0	0.40	ug/L		11/03/24 04:59	11/21/24 16:25	1
Silver	ND		0.50	0.10	ug/L		11/03/24 04:59	11/10/24 13:26	1
Thallium	ND		0.50	0.13	ug/L		11/03/24 04:59	11/10/24 13:26	1
Zinc	**77**		10	4.0	ug/L		11/03/24 04:59	11/10/24 13:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**	**J**	0.20	0.079	ug/L		11/05/24 23:00	11/06/24 16:42	1

Client Sample ID: TB-06_20241028

Lab Sample ID: 410-192708-86

Date Collected: 10/28/24 00:00
Matrix: Water
Date Received: 10/29/24 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
1,1,2,2-Tetrachloroethane	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
1,1,2-Trichloroethane	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
1,1-Dichloroethane	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
1,1-Dichloroethene	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
1,2,4-Trichlorobenzene	ND	cn	5.0	0.30	ug/L			11/05/24 22:02	1
1,2-Dibromo-3-Chloropropane	ND	cn	5.0	0.30	ug/L			11/05/24 22:02	1
1,2-Dibromoethane	ND	cn	1.0	0.20	ug/L			11/05/24 22:02	1
1,2-Dichlorobenzene	ND	cn	5.0	0.20	ug/L			11/05/24 22:02	1
1,2-Dichloroethane	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
1,2-Dichloropropane	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
1,3-Dichlorobenzene	ND	cn	5.0	0.68	ug/L			11/05/24 22:02	1

Client Sample ID: TB-06_20241028

Lab Sample ID: 410-192708-86

Date Collected: 10/28/24 00:00

Matrix: Water

Date Received: 10/29/24 17:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND	cn	5.0	0.30	ug/L			11/05/24 22:02	1
2-Butanone	ND	cn	10	0.50	ug/L			11/05/24 22:02	1
2-Hexanone	ND	cn	10	0.85	ug/L			11/05/24 22:02	1
4-Methyl-2-pentanone	ND	cn	10	0.50	ug/L			11/05/24 22:02	1
Acetone	ND	cn	20	0.70	ug/L			11/05/24 22:02	1
Benzene	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
Bromodichloromethane	ND	cn	1.0	0.20	ug/L			11/05/24 22:02	1
Bromoform	ND	cn	4.0	1.0	ug/L			11/05/24 22:02	1
Bromomethane	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
Carbon disulfide	ND	cn	5.0	0.30	ug/L			11/05/24 22:02	1
Carbon tetrachloride	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
Chlorobenzene	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
Chloroethane	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
Chloroform	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
Chloromethane	ND	cn	2.0	0.55	ug/L			11/05/24 22:02	1
cis-1,2-Dichloroethene	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
cis-1,3-Dichloropropene	ND	cn	1.0	0.20	ug/L			11/05/24 22:02	1
Cyclohexane	ND	cn	5.0	1.0	ug/L			11/05/24 22:02	1
Dibromochloromethane	ND	cn	1.0	0.20	ug/L			11/05/24 22:02	1
Dichlorodifluoromethane	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
Ethylbenzene	ND	cn	1.0	0.40	ug/L			11/05/24 22:02	1
Freon 113	ND	cn	10	0.30	ug/L			11/05/24 22:02	1
Isopropylbenzene	ND	cn	5.0	0.30	ug/L			11/05/24 22:02	1
Methyl acetate	ND	cn	5.0	0.30	ug/L			11/05/24 22:02	1
Methyl tertiary butyl ether	ND	cn	1.0	0.20	ug/L			11/05/24 22:02	1
Methylcyclohexane	ND	cn	5.0	0.50	ug/L			11/05/24 22:02	1
Methylene Chloride	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
Styrene	ND	cn	5.0	0.30	ug/L			11/05/24 22:02	1
Tetrachloroethene	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
Toluene	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
trans-1,2-Dichloroethene	ND	cn	2.0	0.70	ug/L			11/05/24 22:02	1
trans-1,3-Dichloropropene	ND	cn	1.0	0.20	ug/L			11/05/24 22:02	1
Trichloroethene	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
Trichlorofluoromethane	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
Vinyl chloride	ND	cn	1.0	0.30	ug/L			11/05/24 22:02	1
Xylenes, Total	ND	cn	1.0	0.40	ug/L			11/05/24 22:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*cn*	*ug/L*			*N/A*		*11/05/24 22:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*	*cn*	*80 - 120*		*11/05/24 22:02*	*1*
4-Bromofluorobenzene (Surr)	*97*	*cn*	*80 - 120*		*11/05/24 22:02*	*1*
Dibromofluoromethane (Surr)	*101*	*cn*	*80 - 120*		*11/05/24 22:02*	*1*
Toluene-d8 (Surr)	*96*	*cn*	*80 - 120*		*11/05/24 22:02*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-09_20241029

Date Collected: 10/29/24 09:20
Date Received: 10/29/24 17:15

Lab Sample ID: 410-192708-87

Matrix: Water

Method: SW846 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	0.30	ug/L			11/12/24 15:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/12/24 15:06	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/12/24 15:06	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/12/24 15:06	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/12/24 15:06	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/12/24 15:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/12/24 15:06	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/12/24 15:06	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/12/24 15:06	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/12/24 15:06	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/12/24 15:06	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/12/24 15:06	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/12/24 15:06	1
2-Butanone	ND		10	0.50	ug/L			11/12/24 15:06	1
2-Hexanone	ND		10	0.85	ug/L			11/12/24 15:06	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/12/24 15:06	1
Acetone	ND		20	0.70	ug/L			11/12/24 15:06	1
Benzene	ND		1.0	0.30	ug/L			11/12/24 15:06	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/12/24 15:06	1
Bromoform	ND		4.0	1.0	ug/L			11/12/24 15:06	1
Bromomethane	ND		1.0	0.30	ug/L			11/12/24 15:06	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/12/24 15:06	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/12/24 15:06	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/12/24 15:06	1
Chloroethane	ND		1.0	0.30	ug/L			11/12/24 15:06	1
Chloroform	ND		1.0	0.30	ug/L			11/12/24 15:06	1
Chloromethane	ND		2.0	0.55	ug/L			11/12/24 15:06	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/12/24 15:06	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/12/24 15:06	1
Cyclohexane	ND		5.0	1.0	ug/L			11/12/24 15:06	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/12/24 15:06	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/12/24 15:06	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/12/24 15:06	1
Freon 113	ND		10	0.30	ug/L			11/12/24 15:06	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/12/24 15:06	1
Methyl acetate	ND		5.0	0.30	ug/L			11/12/24 15:06	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/12/24 15:06	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/12/24 15:06	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/12/24 15:06	1
Styrene	ND		5.0	0.30	ug/L			11/12/24 15:06	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/12/24 15:06	1
Toluene	ND		1.0	0.30	ug/L			11/12/24 15:06	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/12/24 15:06	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/12/24 15:06	1
Trichloroethene	ND		1.0	0.30	ug/L			11/12/24 15:06	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/12/24 15:06	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/12/24 15:06	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/12/24 15:06	1

Client Sample ID: MW-09_20241029

Lab Sample ID: 410-192708-87

Date Collected: 10/29/24 09:20
Matrix: Water
Date Received: 10/29/24 17:15

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		11/12/24 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		11/12/24 15:06	1
4-Bromofluorobenzene (Surr)	97		80 - 120		11/12/24 15:06	1
Dibromofluoromethane (Surr)	95		80 - 120		11/12/24 15:06	1
Toluene-d8 (Surr)	97		80 - 120		11/12/24 15:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.52	0.10	ug/L		11/04/24 15:37	11/14/24 11:50	1
Acenaphthylene	ND		0.52	0.10	ug/L		11/04/24 15:37	11/14/24 11:50	1
Anthracene	ND		0.52	0.10	ug/L		11/04/24 15:37	11/14/24 11:50	1
Benzo[a]anthracene	ND		0.52	0.10	ug/L		11/04/24 15:37	11/14/24 11:50	1
Benzo[a]pyrene	ND		0.52	0.11	ug/L		11/04/24 15:37	11/14/24 11:50	1
Benzo[b]fluoranthene	ND		0.52	0.10	ug/L		11/04/24 15:37	11/14/24 11:50	1
Benzo[g,h,i]perylene	ND		0.52	0.10	ug/L		11/04/24 15:37	11/14/24 11:50	1
Benzo[k]fluoranthene	ND		0.52	0.10	ug/L		11/04/24 15:37	11/14/24 11:50	1
Chrysene	ND		0.52	0.10	ug/L		11/04/24 15:37	11/14/24 11:50	1
Dibenz(a,h)anthracene	ND		0.52	0.10	ug/L		11/04/24 15:37	11/14/24 11:50	1
Fluoranthene	ND		0.52	0.10	ug/L		11/04/24 15:37	11/14/24 11:50	1
Fluorene	ND		0.52	0.12	ug/L		11/04/24 15:37	11/14/24 11:50	1
Indeno[1,2,3-cd]pyrene	ND		0.52	0.11	ug/L		11/04/24 15:37	11/14/24 11:50	1
Naphthalene	ND		0.52	0.27	ug/L		11/04/24 15:37	11/14/24 11:50	1
Phenanthrene	ND		0.52	0.11	ug/L		11/04/24 15:37	11/14/24 11:50	1
Pyrene	ND		0.52	0.10	ug/L		11/04/24 15:37	11/14/24 11:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	81		28 - 120	11/04/24 15:37	11/14/24 11:50	1
Nitrobenzene-d5 (Surr)	72		18 - 120	11/04/24 15:37	11/14/24 11:50	1
p-Terphenyl-d14 (Surr)	86		22 - 120	11/04/24 15:37	11/14/24 11:50	1

Client Sample ID: MW-13_20241030

Lab Sample ID: 410-192708-88

Date Collected: 10/30/24 09:15
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 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	0.30	ug/L			11/12/24 16:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/12/24 16:20	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/12/24 16:20	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/12/24 16:20	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/12/24 16:20	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/12/24 16:20	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/12/24 16:20	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/12/24 16:20	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/12/24 16:20	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/12/24 16:20	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/12/24 16:20	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/12/24 16:20	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/12/24 16:20	1

Client Sample ID: MW-13_20241030

Lab Sample ID: 410-192708-88

Date Collected: 10/30/24 09:15

Matrix: Water

Date Received: 10/31/24 18:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		10	0.50	ug/L			11/12/24 16:20	1
2-Hexanone	ND		10	0.85	ug/L			11/12/24 16:20	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/12/24 16:20	1
Acetone	**0.80**	**J**	20	0.70	ug/L			11/12/24 16:20	1
Benzene	ND		1.0	0.30	ug/L			11/12/24 16:20	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/12/24 16:20	1
Bromoform	ND		4.0	1.0	ug/L			11/12/24 16:20	1
Bromomethane	ND		1.0	0.30	ug/L			11/12/24 16:20	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/12/24 16:20	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/12/24 16:20	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/12/24 16:20	1
Chloroethane	ND		1.0	0.30	ug/L			11/12/24 16:20	1
Chloroform	ND		1.0	0.30	ug/L			11/12/24 16:20	1
Chloromethane	ND		2.0	0.55	ug/L			11/12/24 16:20	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/12/24 16:20	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/12/24 16:20	1
Cyclohexane	ND		5.0	1.0	ug/L			11/12/24 16:20	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/12/24 16:20	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/12/24 16:20	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/12/24 16:20	1
Freon 113	ND		10	0.30	ug/L			11/12/24 16:20	1
Isopropylbenzene	ND	*+	5.0	0.30	ug/L			11/12/24 16:20	1
Methyl acetate	ND		5.0	0.30	ug/L			11/12/24 16:20	1
Methyl tertiary butyl ether	**0.31**	**J**	1.0	0.20	ug/L			11/12/24 16:20	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/12/24 16:20	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/12/24 16:20	1
Styrene	ND		5.0	0.30	ug/L			11/12/24 16:20	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/12/24 16:20	1
Toluene	ND		1.0	0.30	ug/L			11/12/24 16:20	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/12/24 16:20	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/12/24 16:20	1
Trichloroethene	ND		1.0	0.30	ug/L			11/12/24 16:20	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/12/24 16:20	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/12/24 16:20	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/12/24 16:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*11/12/24 16:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*11/12/24 16:20*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/12/24 16:20*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*11/12/24 16:20*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/12/24 16:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		11/06/24 10:26	11/07/24 02:12	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		11/06/24 10:26	11/07/24 02:12	1

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-13_20241030
Date Collected: 10/30/24 09:15
Date Received: 10/31/24 18:07

Lab Sample ID: 410-192708-88
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		11/06/24 10:26	11/07/24 02:12	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		11/06/24 10:26	11/07/24 02:12	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		11/06/24 10:26	11/07/24 02:12	1
2,4-Dimethylphenol	ND	*+	10	0.62	ug/L		11/06/24 10:26	11/07/24 02:12	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		11/06/24 10:26	11/07/24 02:12	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		11/06/24 10:26	11/07/24 02:12	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		11/06/24 10:26	11/07/24 02:12	1
2-Chloronaphthalene	ND		10	1.2	ug/L		11/06/24 10:26	11/07/24 02:12	1
2-Chlorophenol	ND		10	0.38	ug/L		11/06/24 10:26	11/07/24 02:12	1
2-Methylnaphthalene	ND		10	0.53	ug/L		11/06/24 10:26	11/07/24 02:12	1
2-Methylphenol	ND		10	0.67	ug/L		11/06/24 10:26	11/07/24 02:12	1
2-Nitroaniline	ND		10	0.47	ug/L		11/06/24 10:26	11/07/24 02:12	1
2-Nitrophenol	ND		10	0.75	ug/L		11/06/24 10:26	11/07/24 02:12	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		11/06/24 10:26	11/07/24 02:12	1
3-Nitroaniline	ND		10	1.9	ug/L		11/06/24 10:26	11/07/24 02:12	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		11/06/24 10:26	11/07/24 02:12	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		11/06/24 10:26	11/07/24 02:12	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		11/06/24 10:26	11/07/24 02:12	1
4-Chloroaniline	ND		10	1.9	ug/L		11/06/24 10:26	11/07/24 02:12	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		11/06/24 10:26	11/07/24 02:12	1
4-Methylphenol	ND		10	0.65	ug/L		11/06/24 10:26	11/07/24 02:12	1
4-Nitroaniline	ND		10	1.2	ug/L		11/06/24 10:26	11/07/24 02:12	1
4-Nitrophenol	ND		20	4.0	ug/L		11/06/24 10:26	11/07/24 02:12	1
Acenaphthene	ND		10	1.1	ug/L		11/06/24 10:26	11/07/24 02:12	1
Acenaphthylene	ND	*+	10	0.82	ug/L		11/06/24 10:26	11/07/24 02:12	1
Acetophenone	ND		10	2.3	ug/L		11/06/24 10:26	11/07/24 02:12	1
Anthracene	ND		10	1.3	ug/L		11/06/24 10:26	11/07/24 02:12	1
Atrazine	ND	*+	2.0	1.3	ug/L		11/06/24 10:26	11/07/24 02:12	1
Benzaldehyde	ND		10	2.1	ug/L		11/06/24 10:26	11/07/24 02:12	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		11/06/24 10:26	11/07/24 02:12	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		11/06/24 10:26	11/07/24 02:12	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		11/06/24 10:26	11/07/24 02:12	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		11/06/24 10:26	11/07/24 02:12	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		11/06/24 10:26	11/07/24 02:12	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		11/06/24 10:26	11/07/24 02:12	1
Caprolactam	ND		10	2.2	ug/L		11/06/24 10:26	11/07/24 02:12	1
Carbazole	ND		10	0.68	ug/L		11/06/24 10:26	11/07/24 02:12	1
Chrysene	ND		2.0	0.91	ug/L		11/06/24 10:26	11/07/24 02:12	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		11/06/24 10:26	11/07/24 02:12	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		11/06/24 10:26	11/07/24 02:12	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		11/06/24 10:26	11/07/24 02:12	1
Dibenzofuran	ND		10	1.1	ug/L		11/06/24 10:26	11/07/24 02:12	1
Diethyl phthalate	ND		10	0.98	ug/L		11/06/24 10:26	11/07/24 02:12	1
Dimethyl phthalate	ND		10	0.77	ug/L		11/06/24 10:26	11/07/24 02:12	1
Fluoranthene	ND		10	0.84	ug/L		11/06/24 10:26	11/07/24 02:12	1
Fluorene	ND		10	0.91	ug/L		11/06/24 10:26	11/07/24 02:12	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		11/06/24 10:26	11/07/24 02:12	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		11/06/24 10:26	11/07/24 02:12	1

Client Sample ID: MW-13_20241030

Date Collected: 10/30/24 09:15
Date Received: 10/31/24 18:07

Lab Sample ID: 410-192708-88

Matrix: Water

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		11/06/24 10:26	11/07/24 02:12	1
Hexachloroethane	ND		2.0	0.80	ug/L		11/06/24 10:26	11/07/24 02:12	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		11/06/24 10:26	11/07/24 02:12	1
Isophorone	ND		10	0.80	ug/L		11/06/24 10:26	11/07/24 02:12	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		11/06/24 10:26	11/07/24 02:12	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		11/06/24 10:26	11/07/24 02:12	1
Naphthalene	ND		2.0	0.54	ug/L		11/06/24 10:26	11/07/24 02:12	1
Nitrobenzene	ND		1.0	0.57	ug/L		11/06/24 10:26	11/07/24 02:12	1
Pentachlorophenol	ND		20	1.4	ug/L		11/06/24 10:26	11/07/24 02:12	1
Phenanthrene	ND		10	1.3	ug/L		11/06/24 10:26	11/07/24 02:12	1
Phenol	ND		10	0.29	ug/L		11/06/24 10:26	11/07/24 02:12	1
Pyrene	ND		10	1.6	ug/L		11/06/24 10:26	11/07/24 02:12	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		11/06/24 10:26	11/07/24 02:12	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		11/06/24 10:26	11/07/24 02:12	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		11/06/24 10:26	11/07/24 02:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*11/06/24 10:26*	*11/07/24 02:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*135*		*37 - 150*	*11/06/24 10:26*	*11/07/24 02:12*	*1*
2-Fluorophenol (Surr)	*56*		*16 - 80*	*11/06/24 10:26*	*11/07/24 02:12*	*1*
Nitrobenzene-d5 (Surr)	*130*		*51 - 145*	*11/06/24 10:26*	*11/07/24 02:12*	*1*
Phenol-d5 (Surr)	*36*		*10 - 56*	*11/06/24 10:26*	*11/07/24 02:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.53	0.11	ug/L		11/08/24 08:00	11/08/24 18:30	1
PCB-1221 (1C)	ND		0.53	0.11	ug/L		11/08/24 08:00	11/08/24 18:30	1
PCB-1232 (1C)	ND		0.53	0.11	ug/L		11/08/24 08:00	11/08/24 18:30	1
PCB-1242 (1C)	ND		0.53	0.11	ug/L		11/08/24 08:00	11/08/24 18:30	1
PCB-1248 (1C)	ND		0.53	0.083	ug/L		11/08/24 08:00	11/08/24 18:30	1
PCB-1254 (1C)	ND		0.53	0.083	ug/L		11/08/24 08:00	11/08/24 18:30	1
PCB-1260 (1C)	ND		0.53	0.083	ug/L		11/08/24 08:00	11/08/24 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*20*		*10 - 148*	*11/08/24 08:00*	*11/08/24 18:30*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*22*		*10 - 148*	*11/08/24 08:00*	*11/08/24 18:30*	*1*
Tetrachloro-m-xylene (1C)	*59*		*33 - 137*	*11/08/24 08:00*	*11/08/24 18:30*	*1*
Tetrachloro-m-xylene (2C)	*61*		*33 - 137*	*11/08/24 08:00*	*11/08/24 18:30*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5800**		25	12	ug/L		11/11/24 20:30	11/14/24 18:19	1
Antimony	**3.0**		1.0	0.20	ug/L		11/11/24 20:30	11/14/24 18:19	1
Arsenic	**13**		2.0	0.68	ug/L		11/11/24 20:30	11/14/24 18:19	1
Barium	**1500**		2.0	0.75	ug/L		11/11/24 20:30	11/29/24 10:12	1
Beryllium	**0.69**		0.50	0.12	ug/L		11/11/24 20:30	11/14/24 18:19	1
Cadmium	**1.1**		0.50	0.15	ug/L		11/11/24 20:30	11/14/24 18:19	1
Chromium	**21**		2.0	0.55	ug/L		11/11/24 20:30	11/14/24 18:19	1

Client Sample ID: MW-13_20241030

Lab Sample ID: 410-192708-88

Date Collected: 10/30/24 09:15
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	2.9		0.50	0.16	ug/L		11/11/24 20:30	11/29/24 10:12	1
Copper	80		1.0	0.36	ug/L		11/11/24 20:30	11/14/24 18:19	1
Lead	580		0.50	0.12	ug/L		11/11/24 20:30	11/14/24 18:19	1
Manganese	420	^2	2.0	0.95	ug/L		11/11/24 20:30	11/14/24 18:19	1
Nickel	8.6	^2	1.0	0.40	ug/L		11/11/24 20:30	11/14/24 18:19	1
Silver	0.95		0.50	0.10	ug/L		11/11/24 20:30	11/14/24 18:19	1
Thallium	ND		0.50	0.13	ug/L		11/11/24 20:30	11/14/24 18:19	1
Zinc	410		10	4.0	ug/L		11/11/24 20:30	11/14/24 18:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.68		0.20	0.079	ug/L		11/12/24 07:30	11/14/24 09:49	1

Client Sample ID: TB-07_20241030

Lab Sample ID: 410-192708-89

Date Collected: 10/30/24 00:00
Matrix: Water
Date Received: 10/31/24 18:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
1,1,2,2-Tetrachloroethane	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
1,1,2-Trichloroethane	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
1,1-Dichloroethane	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
1,1-Dichloroethene	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
1,2,4-Trichlorobenzene	ND	cn	5.0	0.30	ug/L			11/12/24 14:50	1
1,2-Dibromo-3-Chloropropane	ND	cn	5.0	0.30	ug/L			11/12/24 14:50	1
1,2-Dibromoethane	ND	cn	1.0	0.20	ug/L			11/12/24 14:50	1
1,2-Dichlorobenzene	ND	cn	5.0	0.20	ug/L			11/12/24 14:50	1
1,2-Dichloroethane	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
1,2-Dichloropropane	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
1,3-Dichlorobenzene	ND	cn	5.0	0.68	ug/L			11/12/24 14:50	1
1,4-Dichlorobenzene	ND	cn	5.0	0.30	ug/L			11/12/24 14:50	1
2-Butanone	ND	cn	10	0.50	ug/L			11/12/24 14:50	1
2-Hexanone	ND	cn	10	0.85	ug/L			11/12/24 14:50	1
4-Methyl-2-pentanone	ND	cn	10	0.50	ug/L			11/12/24 14:50	1
Acetone	ND	cn	20	0.70	ug/L			11/12/24 14:50	1
Benzene	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
Bromodichloromethane	ND	cn	1.0	0.20	ug/L			11/12/24 14:50	1
Bromoform	ND	cn	4.0	1.0	ug/L			11/12/24 14:50	1
Bromomethane	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
Carbon disulfide	ND	cn	5.0	0.30	ug/L			11/12/24 14:50	1
Carbon tetrachloride	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
Chlorobenzene	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
Chloroethane	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
Chloroform	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
Chloromethane	ND	cn	2.0	0.55	ug/L			11/12/24 14:50	1
cis-1,2-Dichloroethene	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
cis-1,3-Dichloropropene	ND	cn	1.0	0.20	ug/L			11/12/24 14:50	1
Cyclohexane	ND	cn	5.0	1.0	ug/L			11/12/24 14:50	1
Dibromochloromethane	ND	cn	1.0	0.20	ug/L			11/12/24 14:50	1

Client Sample ID: TB-07_20241030

Lab Sample ID: 410-192708-89

Date Collected: 10/30/24 00:00

Matrix: Water

Date Received: 10/31/24 18:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
Ethylbenzene	ND	cn	1.0	0.40	ug/L			11/12/24 14:50	1
Freon 113	ND	cn	10	0.30	ug/L			11/12/24 14:50	1
Isopropylbenzene	ND	*+ cn	5.0	0.30	ug/L			11/12/24 14:50	1
Methyl acetate	ND	cn	5.0	0.30	ug/L			11/12/24 14:50	1
Methyl tertiary butyl ether	ND	cn	1.0	0.20	ug/L			11/12/24 14:50	1
Methylcyclohexane	ND	cn	5.0	0.50	ug/L			11/12/24 14:50	1
Methylene Chloride	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
Styrene	ND	cn	5.0	0.30	ug/L			11/12/24 14:50	1
Tetrachloroethene	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
Toluene	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
trans-1,2-Dichloroethene	ND	cn	2.0	0.70	ug/L			11/12/24 14:50	1
trans-1,3-Dichloropropene	ND	cn	1.0	0.20	ug/L			11/12/24 14:50	1
Trichloroethene	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
Trichlorofluoromethane	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
Vinyl chloride	ND	cn	1.0	0.30	ug/L			11/12/24 14:50	1
Xylenes, Total	ND	cn	1.0	0.40	ug/L			11/12/24 14:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*cn*	*ug/L*			*N/A*		*11/12/24 14:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*	*cn*	*80 - 120*		*11/12/24 14:50*	*1*
4-Bromofluorobenzene (Surr)	*98*	*cn*	*80 - 120*		*11/12/24 14:50*	*1*
Dibromofluoromethane (Surr)	*103*	*cn*	*80 - 120*		*11/12/24 14:50*	*1*
Toluene-d8 (Surr)	*105*	*cn*	*80 - 120*		*11/12/24 14:50*	*1*

Client Sample ID: MW-03_20241030

Lab Sample ID: 410-192708-90

Date Collected: 10/30/24 10:45

Matrix: Water

Date Received: 10/31/24 18:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	cn	50	15	ug/L			11/12/24 16:24	50
1,1,2,2-Tetrachloroethane	ND	cn	50	15	ug/L			11/12/24 16:24	50
1,1,2-Trichloroethane	ND	cn	50	15	ug/L			11/12/24 16:24	50
1,1-Dichloroethane	ND	cn	50	15	ug/L			11/12/24 16:24	50
1,1-Dichloroethene	ND	cn	50	15	ug/L			11/12/24 16:24	50
1,2,4-Trichlorobenzene	ND	cn	250	15	ug/L			11/12/24 16:24	50
1,2-Dibromo-3-Chloropropane	ND	cn	250	15	ug/L			11/12/24 16:24	50
1,2-Dibromoethane	ND	cn	50	10	ug/L			11/12/24 16:24	50
1,2-Dichlorobenzene	ND	cn	250	10	ug/L			11/12/24 16:24	50
1,2-Dichloroethane	ND	cn	50	15	ug/L			11/12/24 16:24	50
1,2-Dichloropropane	ND	cn	50	15	ug/L			11/12/24 16:24	50
1,3-Dichlorobenzene	ND	cn	250	34	ug/L			11/12/24 16:24	50
1,4-Dichlorobenzene	ND	cn	250	15	ug/L			11/12/24 16:24	50
2-Butanone	ND	cn	500	25	ug/L			11/12/24 16:24	50
2-Hexanone	ND	cn	500	43	ug/L			11/12/24 16:24	50
4-Methyl-2-pentanone	ND	cn	500	25	ug/L			11/12/24 16:24	50
Acetone	ND	cn	1000	35	ug/L			11/12/24 16:24	50

Client Sample ID: MW-03_20241030

Lab Sample ID: 410-192708-90

Date Collected: 10/30/24 10:45
Matrix: Water
Date Received: 10/31/24 18:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	cn	50	15	ug/L			11/12/24 16:24	50
Bromodichloromethane	ND	cn	50	10	ug/L			11/12/24 16:24	50
Bromoform	ND	cn	200	50	ug/L			11/12/24 16:24	50
Bromomethane	ND	cn	50	15	ug/L			11/12/24 16:24	50
Carbon disulfide	ND	cn	250	15	ug/L			11/12/24 16:24	50
Carbon tetrachloride	ND	cn	50	15	ug/L			11/12/24 16:24	50
Chlorobenzene	ND	cn	50	15	ug/L			11/12/24 16:24	50
Chloroethane	ND	cn	50	15	ug/L			11/12/24 16:24	50
Chloroform	ND	cn	50	15	ug/L			11/12/24 16:24	50
Chloromethane	ND	cn	100	28	ug/L			11/12/24 16:24	50
cis-1,2-Dichloroethene	**28**	**J cn**	50	15	ug/L			11/12/24 16:24	50
cis-1,3-Dichloropropene	ND	cn	50	10	ug/L			11/12/24 16:24	50
Cyclohexane	ND	cn	250	50	ug/L			11/12/24 16:24	50
Dibromochloromethane	ND	cn	50	10	ug/L			11/12/24 16:24	50
Dichlorodifluoromethane	ND	cn	50	15	ug/L			11/12/24 16:24	50
Ethylbenzene	ND	cn	50	20	ug/L			11/12/24 16:24	50
Freon 113	ND	cn	500	15	ug/L			11/12/24 16:24	50
Isopropylbenzene	ND	cn	250	15	ug/L			11/12/24 16:24	50
Methyl acetate	ND	cn	250	15	ug/L			11/12/24 16:24	50
Methyl tertiary butyl ether	ND	cn	50	10	ug/L			11/12/24 16:24	50
Methylcyclohexane	ND	cn	250	25	ug/L			11/12/24 16:24	50
Methylene Chloride	ND	cn	50	15	ug/L			11/12/24 16:24	50
Styrene	ND	cn	250	15	ug/L			11/12/24 16:24	50
Tetrachloroethene	ND	cn	50	15	ug/L			11/12/24 16:24	50
Toluene	ND	cn	50	15	ug/L			11/12/24 16:24	50
trans-1,2-Dichloroethene	ND	cn	100	35	ug/L			11/12/24 16:24	50
trans-1,3-Dichloropropene	ND	cn	50	10	ug/L			11/12/24 16:24	50
Trichloroethene	ND	cn	50	15	ug/L			11/12/24 16:24	50
Trichlorofluoromethane	ND	cn	50	15	ug/L			11/12/24 16:24	50
Vinyl chloride	ND	cn	50	15	ug/L			11/12/24 16:24	50
Xylenes, Total	ND	cn	50	20	ug/L			11/12/24 16:24	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*	*cn*	*ug/L*			*N/A*		*11/12/24 16:24*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*	*cn*	*80 - 120*		*11/12/24 16:24*	*50*
4-Bromofluorobenzene (Surr)	*100*	*cn*	*80 - 120*		*11/12/24 16:24*	*50*
Dibromofluoromethane (Surr)	*95*	*cn*	*80 - 120*		*11/12/24 16:24*	*50*
Toluene-d8 (Surr)	*99*	*cn*	*80 - 120*		*11/12/24 16:24*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 02:33	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		11/06/24 10:49	11/07/24 02:33	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		11/06/24 10:49	11/07/24 02:33	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		11/06/24 10:49	11/07/24 02:33	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 02:33	1
2,4-Dimethylphenol	ND	*+	10	0.62	ug/L		11/06/24 10:49	11/07/24 02:33	1

Client Sample ID: MW-03_20241030

Lab Sample ID: 410-192708-90

Date Collected: 10/30/24 10:45
Date Received: 10/31/24 18:07

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		40	2.6	ug/L		11/06/24 10:49	11/07/24 02:33	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		11/06/24 10:49	11/07/24 02:33	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		11/06/24 10:49	11/07/24 02:33	1
2-Chloronaphthalene	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 02:33	1
2-Chlorophenol	ND		10	0.38	ug/L		11/06/24 10:49	11/07/24 02:33	1
2-Methylnaphthalene	ND		10	0.53	ug/L		11/06/24 10:49	11/07/24 02:33	1
2-Methylphenol	ND		10	0.67	ug/L		11/06/24 10:49	11/07/24 02:33	1
2-Nitroaniline	ND		10	0.47	ug/L		11/06/24 10:49	11/07/24 02:33	1
2-Nitrophenol	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 02:33	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		11/06/24 10:49	11/07/24 02:33	1
3-Nitroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 02:33	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		11/06/24 10:49	11/07/24 02:33	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 02:33	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		11/06/24 10:49	11/07/24 02:33	1
4-Chloroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 02:33	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 02:33	1
4-Methylphenol	ND		10	0.65	ug/L		11/06/24 10:49	11/07/24 02:33	1
4-Nitroaniline	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 02:33	1
4-Nitrophenol	ND		20	4.0	ug/L		11/06/24 10:49	11/07/24 02:33	1
Acenaphthene	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 02:33	1
Acenaphthylene	ND	*+	10	0.82	ug/L		11/06/24 10:49	11/07/24 02:33	1
Acetophenone	ND		10	2.3	ug/L		11/06/24 10:49	11/07/24 02:33	1
Anthracene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 02:33	1
Atrazine	ND	*+	2.0	1.3	ug/L		11/06/24 10:49	11/07/24 02:33	1
Benzaldehyde	ND		10	2.1	ug/L		11/06/24 10:49	11/07/24 02:33	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		11/06/24 10:49	11/07/24 02:33	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		11/06/24 10:49	11/07/24 02:33	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		11/06/24 10:49	11/07/24 02:33	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		11/06/24 10:49	11/07/24 02:33	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		11/06/24 10:49	11/07/24 02:33	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		11/06/24 10:49	11/07/24 02:33	1
Caprolactam	ND		10	2.2	ug/L		11/06/24 10:49	11/07/24 02:33	1
Carbazole	ND		10	0.68	ug/L		11/06/24 10:49	11/07/24 02:33	1
Chrysene	ND		2.0	0.91	ug/L		11/06/24 10:49	11/07/24 02:33	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 02:33	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 02:33	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		11/06/24 10:49	11/07/24 02:33	1
Dibenzofuran	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 02:33	1
Diethyl phthalate	ND		10	0.98	ug/L		11/06/24 10:49	11/07/24 02:33	1
Dimethyl phthalate	ND		10	0.77	ug/L		11/06/24 10:49	11/07/24 02:33	1
Fluoranthene	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 02:33	1
Fluorene	ND		10	0.91	ug/L		11/06/24 10:49	11/07/24 02:33	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		11/06/24 10:49	11/07/24 02:33	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		11/06/24 10:49	11/07/24 02:33	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		11/06/24 10:49	11/07/24 02:33	1
Hexachloroethane	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 02:33	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		11/06/24 10:49	11/07/24 02:33	1
Isophorone	ND		10	0.80	ug/L		11/06/24 10:49	11/07/24 02:33	1

Client Sample ID: MW-03_20241030

Lab Sample ID: 410-192708-90

Date Collected: 10/30/24 10:45
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		11/06/24 10:49	11/07/24 02:33	1
N-Nitrosodiphenylamine	**1.0**	**J**	10	0.89	ug/L		11/06/24 10:49	11/07/24 02:33	1
Naphthalene	ND		2.0	0.54	ug/L		11/06/24 10:49	11/07/24 02:33	1
Nitrobenzene	ND		1.0	0.57	ug/L		11/06/24 10:49	11/07/24 02:33	1
Pentachlorophenol	ND		20	1.4	ug/L		11/06/24 10:49	11/07/24 02:33	1
Phenanthrene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 02:33	1
Phenol	ND		10	0.29	ug/L		11/06/24 10:49	11/07/24 02:33	1
Pyrene	ND		10	1.6	ug/L		11/06/24 10:49	11/07/24 02:33	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		11/06/24 10:49	11/07/24 02:33	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		11/06/24 10:49	11/07/24 02:33	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 02:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-, (1R)-	*7.0*	*T J N*	*ug/L*		*5.07*	*464-49-3*	*11/06/24 10:49*	*11/07/24 02:33*	*1*
p-menth-1-en-8-ol	*26*	*T J N*	*ug/L*		*5.35*	*1000157-89-9*	*11/06/24 10:49*	*11/07/24 02:33*	*1*
Benzoic acid, 2,4-dichloro-	*8.2*	*T J N*	*ug/L*		*7.06*	*50-84-0*	*11/06/24 10:49*	*11/07/24 02:33*	*1*
1H-Benzocyclohepten-7-ol, 2,3,4,4a,5,6,7,8-octahydro-1,1,4a,	*7.3*	*T J N*	*ug/L*		*7.62*	*6892-80-4*	*11/06/24 10:49*	*11/07/24 02:33*	*1*
Unknown	*6.7*	*T J*	*ug/L*		*8.69*	*N/A*	*11/06/24 10:49*	*11/07/24 02:33*	*1*
Unknown	*12*	*T J*	*ug/L*		*9.13*	*N/A*	*11/06/24 10:49*	*11/07/24 02:33*	*1*
1-Phenanthrenecarboxylic acid, 1,2,3,4,4	*26*	*T J N*	*ug/L*		*10.80*	*1740-19-8*	*11/06/24 10:49*	*11/07/24 02:33*	*1*
(-)-Nortrachelogenin	*9.2*	*T J N*	*ug/L*		*14.07*	*34444-37-6*	*11/06/24 10:49*	*11/07/24 02:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*112*		*37 - 150*	*11/06/24 10:49*	*11/07/24 02:33*	*1*
2-Fluorophenol (Surr)	*55*		*16 - 80*	*11/06/24 10:49*	*11/07/24 02:33*	*1*
Nitrobenzene-d5 (Surr)	*116*		*51 - 145*	*11/06/24 10:49*	*11/07/24 02:33*	*1*
Phenol-d5 (Surr)	*37*		*10 - 56*	*11/06/24 10:49*	*11/07/24 02:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND	cn	0.50	0.099	ug/L		11/08/24 08:00	11/08/24 19:05	1
PCB-1221 (1C)	ND	cn	0.50	0.099	ug/L		11/08/24 08:00	11/08/24 19:05	1
PCB-1232 (1C)	ND	cn	0.50	0.099	ug/L		11/08/24 08:00	11/08/24 19:05	1
PCB-1242 (1C)	ND	cn	0.50	0.099	ug/L		11/08/24 08:00	11/08/24 19:05	1
PCB-1248 (1C)	ND	cn	0.50	0.077	ug/L		11/08/24 08:00	11/08/24 19:05	1
PCB-1254 (1C)	ND	cn	0.50	0.077	ug/L		11/08/24 08:00	11/08/24 19:05	1
PCB-1260 (1C)	ND	cn	0.50	0.077	ug/L		11/08/24 08:00	11/08/24 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*5*	*S1- cn*	*10 - 148*	*11/08/24 08:00*	*11/08/24 19:05*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*6*	*S1- cn*	*10 - 148*	*11/08/24 08:00*	*11/08/24 19:05*	*1*
Tetrachloro-m-xylene (1C)	*63*	*cn*	*33 - 137*	*11/08/24 08:00*	*11/08/24 19:05*	*1*
Tetrachloro-m-xylene (2C)	*62*	*cn*	*33 - 137*	*11/08/24 08:00*	*11/08/24 19:05*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**66**		25	12	ug/L		11/11/24 20:30	11/14/24 16:51	1

Client Sample ID: MW-03_20241030

Lab Sample ID: 410-192708-90

Date Collected: 10/30/24 10:45
Date Received: 10/31/24 18:07
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.31	J	1.0	0.20	ug/L		11/11/24 20:30	11/14/24 16:51	1
Arsenic	5.5		2.0	0.68	ug/L		11/11/24 20:30	11/14/24 16:51	1
Barium	2500		10	3.7	ug/L		11/11/24 20:30	11/18/24 13:31	5
Beryllium	ND		0.50	0.12	ug/L		11/11/24 20:30	11/14/24 16:51	1
Cadmium	ND		0.50	0.15	ug/L		11/11/24 20:30	11/14/24 16:51	1
Chromium	0.99	J	2.0	0.55	ug/L		11/11/24 20:30	11/14/24 16:51	1
Cobalt	1.3		0.50	0.16	ug/L		11/11/24 20:30	11/18/24 13:29	1
Copper	0.93	J	1.0	0.36	ug/L		11/11/24 20:30	11/14/24 16:51	1
Lead	3.0		0.50	0.12	ug/L		11/11/24 20:30	11/14/24 16:51	1
Manganese	660		2.0	0.95	ug/L		11/11/24 20:30	11/14/24 16:51	1
Nickel	ND		1.0	0.40	ug/L		11/11/24 20:30	11/14/24 16:51	1
Silver	ND		0.50	0.10	ug/L		11/11/24 20:30	11/14/24 16:51	1
Thallium	ND		0.50	0.13	ug/L		11/11/24 20:30	11/14/24 16:51	1
Zinc	24		10	4.0	ug/L		11/11/24 20:30	11/14/24 16:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:30	11/14/24 11:07	1

Client Sample ID: MW-11_20241030

Lab Sample ID: 410-192708-91

Date Collected: 10/30/24 14:25
Date Received: 10/31/24 18:07
Matrix: Water

Method: SW846 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	0.30	ug/L			11/12/24 15:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/12/24 15:25	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/12/24 15:25	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/12/24 15:25	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/12/24 15:25	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/12/24 15:25	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/12/24 15:25	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/12/24 15:25	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/12/24 15:25	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/12/24 15:25	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/12/24 15:25	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/12/24 15:25	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/12/24 15:25	1
2-Butanone	ND		10	0.50	ug/L			11/12/24 15:25	1
2-Hexanone	ND		10	0.85	ug/L			11/12/24 15:25	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/12/24 15:25	1
Acetone	ND		20	0.70	ug/L			11/12/24 15:25	1
Benzene	ND		1.0	0.30	ug/L			11/12/24 15:25	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/12/24 15:25	1
Bromoform	ND		4.0	1.0	ug/L			11/12/24 15:25	1
Bromomethane	ND		1.0	0.30	ug/L			11/12/24 15:25	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/12/24 15:25	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/12/24 15:25	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/12/24 15:25	1
Chloroethane	ND		1.0	0.30	ug/L			11/12/24 15:25	1

Client Sample ID: MW-11_20241030

Lab Sample ID: 410-192708-91

Date Collected: 10/30/24 14:25
Matrix: Water
Date Received: 10/31/24 18:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.30	ug/L			11/12/24 15:25	1
Chloromethane	ND		2.0	0.55	ug/L			11/12/24 15:25	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/12/24 15:25	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/12/24 15:25	1
Cyclohexane	ND		5.0	1.0	ug/L			11/12/24 15:25	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/12/24 15:25	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/12/24 15:25	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/12/24 15:25	1
Freon 113	ND		10	0.30	ug/L			11/12/24 15:25	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/12/24 15:25	1
Methyl acetate	ND		5.0	0.30	ug/L			11/12/24 15:25	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/12/24 15:25	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/12/24 15:25	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/12/24 15:25	1
Styrene	ND		5.0	0.30	ug/L			11/12/24 15:25	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/12/24 15:25	1
Toluene	ND		1.0	0.30	ug/L			11/12/24 15:25	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/12/24 15:25	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/12/24 15:25	1
Trichloroethene	ND		1.0	0.30	ug/L			11/12/24 15:25	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/12/24 15:25	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/12/24 15:25	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/12/24 15:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*11/12/24 15:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*11/12/24 15:25*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/12/24 15:25*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*11/12/24 15:25*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/12/24 15:25*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 02:54	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		11/06/24 10:49	11/07/24 02:54	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		11/06/24 10:49	11/07/24 02:54	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		11/06/24 10:49	11/07/24 02:54	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 02:54	1
2,4-Dimethylphenol	ND	*+	10	0.62	ug/L		11/06/24 10:49	11/07/24 02:54	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		11/06/24 10:49	11/07/24 02:54	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		11/06/24 10:49	11/07/24 02:54	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		11/06/24 10:49	11/07/24 02:54	1
2-Chloronaphthalene	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 02:54	1
2-Chlorophenol	ND		10	0.38	ug/L		11/06/24 10:49	11/07/24 02:54	1
2-Methylnaphthalene	ND		10	0.53	ug/L		11/06/24 10:49	11/07/24 02:54	1
2-Methylphenol	ND		10	0.67	ug/L		11/06/24 10:49	11/07/24 02:54	1
2-Nitroaniline	ND		10	0.47	ug/L		11/06/24 10:49	11/07/24 02:54	1

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-11_20241030
Date Collected: 10/30/24 14:25
Date Received: 10/31/24 18:07

Lab Sample ID: 410-192708-91
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 02:54	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		11/06/24 10:49	11/07/24 02:54	1
3-Nitroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 02:54	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		11/06/24 10:49	11/07/24 02:54	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 02:54	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		11/06/24 10:49	11/07/24 02:54	1
4-Chloroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 02:54	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 02:54	1
4-Methylphenol	ND		10	0.65	ug/L		11/06/24 10:49	11/07/24 02:54	1
4-Nitroaniline	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 02:54	1
4-Nitrophenol	ND		20	4.0	ug/L		11/06/24 10:49	11/07/24 02:54	1
Acenaphthene	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 02:54	1
Acenaphthylene	ND	*+	10	0.82	ug/L		11/06/24 10:49	11/07/24 02:54	1
Acetophenone	ND		10	2.3	ug/L		11/06/24 10:49	11/07/24 02:54	1
Anthracene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 02:54	1
Atrazine	ND	*+	2.0	1.3	ug/L		11/06/24 10:49	11/07/24 02:54	1
Benzaldehyde	ND		10	2.1	ug/L		11/06/24 10:49	11/07/24 02:54	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		11/06/24 10:49	11/07/24 02:54	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		11/06/24 10:49	11/07/24 02:54	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		11/06/24 10:49	11/07/24 02:54	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		11/06/24 10:49	11/07/24 02:54	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		11/06/24 10:49	11/07/24 02:54	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		11/06/24 10:49	11/07/24 02:54	1
Caprolactam	ND		10	2.2	ug/L		11/06/24 10:49	11/07/24 02:54	1
Carbazole	ND		10	0.68	ug/L		11/06/24 10:49	11/07/24 02:54	1
Chrysene	ND		2.0	0.91	ug/L		11/06/24 10:49	11/07/24 02:54	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 02:54	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 02:54	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		11/06/24 10:49	11/07/24 02:54	1
Dibenzofuran	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 02:54	1
Diethyl phthalate	ND		10	0.98	ug/L		11/06/24 10:49	11/07/24 02:54	1
Dimethyl phthalate	ND		10	0.77	ug/L		11/06/24 10:49	11/07/24 02:54	1
Fluoranthene	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 02:54	1
Fluorene	ND		10	0.91	ug/L		11/06/24 10:49	11/07/24 02:54	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		11/06/24 10:49	11/07/24 02:54	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		11/06/24 10:49	11/07/24 02:54	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		11/06/24 10:49	11/07/24 02:54	1
Hexachloroethane	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 02:54	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		11/06/24 10:49	11/07/24 02:54	1
Isophorone	ND		10	0.80	ug/L		11/06/24 10:49	11/07/24 02:54	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		11/06/24 10:49	11/07/24 02:54	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		11/06/24 10:49	11/07/24 02:54	1
Naphthalene	ND		2.0	0.54	ug/L		11/06/24 10:49	11/07/24 02:54	1
Nitrobenzene	ND		1.0	0.57	ug/L		11/06/24 10:49	11/07/24 02:54	1
Pentachlorophenol	ND		20	1.4	ug/L		11/06/24 10:49	11/07/24 02:54	1
Phenanthrene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 02:54	1
Phenol	ND		10	0.29	ug/L		11/06/24 10:49	11/07/24 02:54	1
Pyrene	ND		10	1.6	ug/L		11/06/24 10:49	11/07/24 02:54	1

Client Sample ID: MW-11_20241030

Date Collected: 10/30/24 14:25
Date Received: 10/31/24 18:07

Lab Sample ID: 410-192708-91

Matrix: Water

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		11/06/24 10:49	11/07/24 02:54	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		11/06/24 10:49	11/07/24 02:54	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 02:54	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*11/06/24 10:49*	*11/07/24 02:54*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*130*		*37 - 150*	*11/06/24 10:49*	*11/07/24 02:54*	*1*
2-Fluorophenol (Surr)	*55*		*16 - 80*	*11/06/24 10:49*	*11/07/24 02:54*	*1*
Nitrobenzene-d5 (Surr)	*129*		*51 - 145*	*11/06/24 10:49*	*11/07/24 02:54*	*1*
Phenol-d5 (Surr)	*36*		*10 - 56*	*11/06/24 10:49*	*11/07/24 02:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.51	0.10	ug/L		11/08/24 08:00	11/08/24 19:18	1
PCB-1221 (1C)	ND		0.51	0.10	ug/L		11/08/24 08:00	11/08/24 19:18	1
PCB-1232 (1C)	ND		0.51	0.10	ug/L		11/08/24 08:00	11/08/24 19:18	1
PCB-1242 (1C)	ND		0.51	0.10	ug/L		11/08/24 08:00	11/08/24 19:18	1
PCB-1248 (1C)	ND		0.51	0.080	ug/L		11/08/24 08:00	11/08/24 19:18	1
PCB-1254 (1C)	ND		0.51	0.080	ug/L		11/08/24 08:00	11/08/24 19:18	1
PCB-1260 (1C)	ND		0.51	0.080	ug/L		11/08/24 08:00	11/08/24 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*59*		*10 - 148*	*11/08/24 08:00*	*11/08/24 19:18*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*64*		*10 - 148*	*11/08/24 08:00*	*11/08/24 19:18*	*1*
Tetrachloro-m-xylene (1C)	*66*		*33 - 137*	*11/08/24 08:00*	*11/08/24 19:18*	*1*
Tetrachloro-m-xylene (2C)	*67*		*33 - 137*	*11/08/24 08:00*	*11/08/24 19:18*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**160**		25	12	ug/L		11/11/24 20:30	11/14/24 17:53	1
Antimony	ND		1.0	0.20	ug/L		11/11/24 20:30	11/14/24 17:53	1
Arsenic	ND		2.0	0.68	ug/L		11/11/24 20:30	11/14/24 17:53	1
Barium	**41**		2.0	0.75	ug/L		11/11/24 20:30	11/14/24 17:53	1
Beryllium	ND		0.50	0.12	ug/L		11/11/24 20:30	11/14/24 17:53	1
Cadmium	**1.1**		0.50	0.15	ug/L		11/11/24 20:30	11/14/24 17:53	1
Chromium	**8.2**		2.0	0.55	ug/L		11/11/24 20:30	11/14/24 17:53	1
Cobalt	**1.2**		0.50	0.16	ug/L		11/11/24 20:30	11/29/24 10:02	1
Copper	**0.37**	**J**	1.0	0.36	ug/L		11/11/24 20:30	11/14/24 17:53	1
Lead	**0.29**	**J**	0.50	0.12	ug/L		11/11/24 20:30	11/14/24 17:53	1
Manganese	**87**	**^2**	2.0	0.95	ug/L		11/11/24 20:30	11/14/24 17:53	1
Nickel	**3.7**		1.0	0.40	ug/L		11/11/24 20:30	11/29/24 10:02	1
Silver	ND		0.50	0.10	ug/L		11/11/24 20:30	11/14/24 17:53	1
Thallium	ND		0.50	0.13	ug/L		11/11/24 20:30	11/14/24 17:53	1
Zinc	**5.0**	**J**	10	4.0	ug/L		11/11/24 20:30	11/14/24 17:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:30	11/14/24 11:25	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-12_20241030

Date Collected: 10/30/24 16:20
Date Received: 10/31/24 18:07

Lab Sample ID: 410-192708-92

Matrix: Water

Method: SW846 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	0.30	ug/L			11/12/24 15:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/12/24 15:45	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/12/24 15:45	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/12/24 15:45	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/12/24 15:45	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/12/24 15:45	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/12/24 15:45	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/12/24 15:45	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/12/24 15:45	1
1,2-Dichloroethane	**6.4**		1.0	0.30	ug/L			11/12/24 15:45	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/12/24 15:45	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/12/24 15:45	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/12/24 15:45	1
2-Butanone	ND		10	0.50	ug/L			11/12/24 15:45	1
2-Hexanone	ND		10	0.85	ug/L			11/12/24 15:45	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/12/24 15:45	1
Acetone	ND		20	0.70	ug/L			11/12/24 15:45	1
Benzene	**82**		1.0	0.30	ug/L			11/12/24 15:45	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/12/24 15:45	1
Bromoform	ND		4.0	1.0	ug/L			11/12/24 15:45	1
Bromomethane	ND		1.0	0.30	ug/L			11/12/24 15:45	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/12/24 15:45	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/12/24 15:45	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/12/24 15:45	1
Chloroethane	ND		1.0	0.30	ug/L			11/12/24 15:45	1
Chloroform	ND		1.0	0.30	ug/L			11/12/24 15:45	1
Chloromethane	ND		2.0	0.55	ug/L			11/12/24 15:45	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/12/24 15:45	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/12/24 15:45	1
Cyclohexane	**2.2**	**J**	5.0	1.0	ug/L			11/12/24 15:45	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/12/24 15:45	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/12/24 15:45	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/12/24 15:45	1
Freon 113	ND		10	0.30	ug/L			11/12/24 15:45	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/12/24 15:45	1
Methyl acetate	ND		5.0	0.30	ug/L			11/12/24 15:45	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/12/24 15:45	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/12/24 15:45	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/12/24 15:45	1
Styrene	ND		5.0	0.30	ug/L			11/12/24 15:45	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/12/24 15:45	1
Toluene	ND		1.0	0.30	ug/L			11/12/24 15:45	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/12/24 15:45	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/12/24 15:45	1
Trichloroethene	ND		1.0	0.30	ug/L			11/12/24 15:45	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/12/24 15:45	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/12/24 15:45	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/12/24 15:45	1

Client Sample ID: MW-12_20241030

Lab Sample ID: 410-192708-92

Date Collected: 10/30/24 16:20
Date Received: 10/31/24 18:07

Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	9.9	T J	ug/L		1.19	N/A		11/12/24 15:45	1
Butane, 2-methyl-	8.9	T J N	ug/L		1.48	78-78-4		11/12/24 15:45	1
Unknown	12	T J	ug/L		5.31	N/A		11/12/24 15:45	1
Unknown	9.5	T J	ug/L		5.59	N/A		11/12/24 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		11/12/24 15:45	1
4-Bromofluorobenzene (Surr)	97		80 - 120		11/12/24 15:45	1
Dibromofluoromethane (Surr)	94		80 - 120		11/12/24 15:45	1
Toluene-d8 (Surr)	99		80 - 120		11/12/24 15:45	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 03:15	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		11/06/24 10:49	11/07/24 03:15	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		11/06/24 10:49	11/07/24 03:15	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		11/06/24 10:49	11/07/24 03:15	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 03:15	1
2,4-Dimethylphenol	ND	*+	10	0.62	ug/L		11/06/24 10:49	11/07/24 03:15	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		11/06/24 10:49	11/07/24 03:15	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		11/06/24 10:49	11/07/24 03:15	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		11/06/24 10:49	11/07/24 03:15	1
2-Chloronaphthalene	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 03:15	1
2-Chlorophenol	ND		10	0.38	ug/L		11/06/24 10:49	11/07/24 03:15	1
2-Methylnaphthalene	ND		10	0.53	ug/L		11/06/24 10:49	11/07/24 03:15	1
2-Methylphenol	ND		10	0.67	ug/L		11/06/24 10:49	11/07/24 03:15	1
2-Nitroaniline	ND		10	0.47	ug/L		11/06/24 10:49	11/07/24 03:15	1
2-Nitrophenol	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 03:15	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		11/06/24 10:49	11/07/24 03:15	1
3-Nitroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 03:15	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		11/06/24 10:49	11/07/24 03:15	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 03:15	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		11/06/24 10:49	11/07/24 03:15	1
4-Chloroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 03:15	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 03:15	1
4-Methylphenol	ND		10	0.65	ug/L		11/06/24 10:49	11/07/24 03:15	1
4-Nitroaniline	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 03:15	1
4-Nitrophenol	ND		20	4.0	ug/L		11/06/24 10:49	11/07/24 03:15	1
Acenaphthene	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 03:15	1
Acenaphthylene	ND	*+	10	0.82	ug/L		11/06/24 10:49	11/07/24 03:15	1
Acetophenone	ND		10	2.3	ug/L		11/06/24 10:49	11/07/24 03:15	1
Anthracene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 03:15	1
Atrazine	ND	*+	2.0	1.3	ug/L		11/06/24 10:49	11/07/24 03:15	1
Benzaldehyde	ND		10	2.1	ug/L		11/06/24 10:49	11/07/24 03:15	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		11/06/24 10:49	11/07/24 03:15	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		11/06/24 10:49	11/07/24 03:15	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		11/06/24 10:49	11/07/24 03:15	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		11/06/24 10:49	11/07/24 03:15	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		11/06/24 10:49	11/07/24 03:15	1

Client Sample ID: MW-12_20241030

Lab Sample ID: 410-192708-92

Date Collected: 10/30/24 16:20
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		10	0.85	ug/L		11/06/24 10:49	11/07/24 03:15	1
Caprolactam	ND		10	2.2	ug/L		11/06/24 10:49	11/07/24 03:15	1
Carbazole	ND		10	0.68	ug/L		11/06/24 10:49	11/07/24 03:15	1
Chrysene	ND		2.0	0.91	ug/L		11/06/24 10:49	11/07/24 03:15	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 03:15	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 03:15	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		11/06/24 10:49	11/07/24 03:15	1
Dibenzofuran	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 03:15	1
Diethyl phthalate	ND		10	0.98	ug/L		11/06/24 10:49	11/07/24 03:15	1
Dimethyl phthalate	ND		10	0.77	ug/L		11/06/24 10:49	11/07/24 03:15	1
Fluoranthene	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 03:15	1
Fluorene	ND		10	0.91	ug/L		11/06/24 10:49	11/07/24 03:15	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		11/06/24 10:49	11/07/24 03:15	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		11/06/24 10:49	11/07/24 03:15	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		11/06/24 10:49	11/07/24 03:15	1
Hexachloroethane	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 03:15	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		11/06/24 10:49	11/07/24 03:15	1
Isophorone	ND		10	0.80	ug/L		11/06/24 10:49	11/07/24 03:15	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		11/06/24 10:49	11/07/24 03:15	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		11/06/24 10:49	11/07/24 03:15	1
Naphthalene	ND		2.0	0.54	ug/L		11/06/24 10:49	11/07/24 03:15	1
Nitrobenzene	ND		1.0	0.57	ug/L		11/06/24 10:49	11/07/24 03:15	1
Pentachlorophenol	ND		20	1.4	ug/L		11/06/24 10:49	11/07/24 03:15	1
Phenanthrene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 03:15	1
Phenol	ND		10	0.29	ug/L		11/06/24 10:49	11/07/24 03:15	1
Pyrene	ND		10	1.6	ug/L		11/06/24 10:49	11/07/24 03:15	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		11/06/24 10:49	11/07/24 03:15	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		11/06/24 10:49	11/07/24 03:15	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 03:15	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
3-Hexanol, 3-methyl-	*8.7*	*T J N*	*ug/L*		*2.59*	*597-96-6*	*11/06/24 10:49*	*11/07/24 03:15*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*124*		*37 - 150*	*11/06/24 10:49*	*11/07/24 03:15*	*1*
2-Fluorophenol (Surr)	*54*		*16 - 80*	*11/06/24 10:49*	*11/07/24 03:15*	*1*
Nitrobenzene-d5 (Surr)	*125*		*51 - 145*	*11/06/24 10:49*	*11/07/24 03:15*	*1*
Phenol-d5 (Surr)	*34*		*10 - 56*	*11/06/24 10:49*	*11/07/24 03:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.50	0.10	ug/L		11/08/24 08:00	11/08/24 19:30	1
PCB-1221 (1C)	ND		0.50	0.10	ug/L		11/08/24 08:00	11/08/24 19:30	1
PCB-1232 (1C)	ND		0.50	0.10	ug/L		11/08/24 08:00	11/08/24 19:30	1
PCB-1242 (1C)	ND		0.50	0.10	ug/L		11/08/24 08:00	11/08/24 19:30	1
PCB-1248 (1C)	ND		0.50	0.078	ug/L		11/08/24 08:00	11/08/24 19:30	1
PCB-1254 (1C)	ND		0.50	0.078	ug/L		11/08/24 08:00	11/08/24 19:30	1
PCB-1260 (1C)	ND		0.50	0.078	ug/L		11/08/24 08:00	11/08/24 19:30	1

Client Sample ID: MW-12_20241030

Lab Sample ID: 410-192708-92

Date Collected: 10/30/24 16:20
Date Received: 10/31/24 18:07

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*43*		*10 - 148*	*11/08/24 08:00*	*11/08/24 19:30*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*45*		*10 - 148*	*11/08/24 08:00*	*11/08/24 19:30*	*1*
Tetrachloro-m-xylene (1C)	*72*		*33 - 137*	*11/08/24 08:00*	*11/08/24 19:30*	*1*
Tetrachloro-m-xylene (2C)	*74*		*33 - 137*	*11/08/24 08:00*	*11/08/24 19:30*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**450**		25	12	ug/L		11/08/24 07:00	11/15/24 13:04	1
Antimony	ND		1.0	0.20	ug/L		11/08/24 07:00	11/15/24 13:04	1
Arsenic	**0.96**	**J**	2.0	0.68	ug/L		11/08/24 07:00	11/15/24 13:04	1
Barium	**27**		2.0	0.75	ug/L		11/08/24 07:00	11/15/24 13:04	1
Beryllium	**0.12**	**J**	0.50	0.12	ug/L		11/08/24 07:00	11/24/24 10:20	1
Cadmium	ND		0.50	0.15	ug/L		11/08/24 07:00	11/15/24 13:04	1
Chromium	**8.7**		2.0	0.55	ug/L		11/08/24 07:00	11/15/24 13:04	1
Cobalt	**6.6**		0.50	0.16	ug/L		11/08/24 07:00	11/15/24 13:04	1
Copper	ND		1.0	0.36	ug/L		11/08/24 07:00	11/15/24 13:04	1
Lead	**1.4**		0.50	0.12	ug/L		11/08/24 07:00	11/15/24 13:04	1
Manganese	**860**	**B**	2.0	0.95	ug/L		11/08/24 07:00	11/15/24 13:04	1
Nickel	**6.7**		1.0	0.40	ug/L		11/08/24 07:00	11/15/24 13:04	1
Silver	ND		0.50	0.10	ug/L		11/08/24 07:00	11/15/24 13:04	1
Thallium	ND		0.50	0.13	ug/L		11/08/24 07:00	11/15/24 13:04	1
Zinc	**32**		10	4.0	ug/L		11/08/24 07:00	11/15/24 13:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:30	11/14/24 11:28	1

Client Sample ID: MW-04_20241031

Lab Sample ID: 410-192708-93

Date Collected: 10/31/24 12:00
Date Received: 10/31/24 18:07

Matrix: Water

Method: SW846 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	0.30	ug/L			11/13/24 11:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/13/24 11:38	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/13/24 11:38	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/13/24 11:38	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/13/24 11:38	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/13/24 11:38	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/13/24 11:38	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/13/24 11:38	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/13/24 11:38	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/13/24 11:38	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/13/24 11:38	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/13/24 11:38	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/13/24 11:38	1
2-Butanone	ND		10	0.50	ug/L			11/13/24 11:38	1
2-Hexanone	ND		10	0.85	ug/L			11/13/24 11:38	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/13/24 11:38	1
Acetone	**0.74**	**J**	20	0.70	ug/L			11/13/24 11:38	1
Benzene	ND		1.0	0.30	ug/L			11/13/24 11:38	1

Client Sample ID: MW-04_20241031

Lab Sample ID: 410-192708-93

Date Collected: 10/31/24 12:00
Matrix: Water
Date Received: 10/31/24 18:07

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.20	ug/L			11/13/24 11:38	1
Bromoform	ND		4.0	1.0	ug/L			11/13/24 11:38	1
Bromomethane	ND		1.0	0.30	ug/L			11/13/24 11:38	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/13/24 11:38	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/13/24 11:38	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/13/24 11:38	1
Chloroethane	ND		1.0	0.30	ug/L			11/13/24 11:38	1
Chloroform	**4.8**		1.0	0.30	ug/L			11/13/24 11:38	1
Chloromethane	ND		2.0	0.55	ug/L			11/13/24 11:38	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/13/24 11:38	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/13/24 11:38	1
Cyclohexane	ND		5.0	1.0	ug/L			11/13/24 11:38	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/13/24 11:38	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/13/24 11:38	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/13/24 11:38	1
Freon 113	ND		10	0.30	ug/L			11/13/24 11:38	1
Isopropylbenzene	ND	*+	5.0	0.30	ug/L			11/13/24 11:38	1
Methyl acetate	ND		5.0	0.30	ug/L			11/13/24 11:38	1
Methyl tertiary butyl ether	ND	cn	1.0	0.20	ug/L			11/13/24 11:38	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/13/24 11:38	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/13/24 11:38	1
Styrene	ND		5.0	0.30	ug/L			11/13/24 11:38	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/13/24 11:38	1
Toluene	ND		1.0	0.30	ug/L			11/13/24 11:38	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/13/24 11:38	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/13/24 11:38	1
Trichloroethene	ND		1.0	0.30	ug/L			11/13/24 11:38	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/13/24 11:38	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/13/24 11:38	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/13/24 11:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*11/13/24 11:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*11/13/24 11:38*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*11/13/24 11:38*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*11/13/24 11:38*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/13/24 11:38*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 03:36	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		11/06/24 10:49	11/07/24 03:36	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		11/06/24 10:49	11/07/24 03:36	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		11/06/24 10:49	11/07/24 03:36	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 03:36	1
2,4-Dimethylphenol	ND	*+	10	0.62	ug/L		11/06/24 10:49	11/07/24 03:36	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		11/06/24 10:49	11/07/24 03:36	1

Client: Haley & Aldrich, Inc.
Job ID: 410-192708-1
Project/Site: Spa Road Property Annapolis MD

Client Sample ID: MW-04_20241031
Lab Sample ID: 410-192708-93
Date Collected: 10/31/24 12:00
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		10	1.0	ug/L		11/06/24 10:49	11/07/24 03:36	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		11/06/24 10:49	11/07/24 03:36	1
2-Chloronaphthalene	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 03:36	1
2-Chlorophenol	ND		10	0.38	ug/L		11/06/24 10:49	11/07/24 03:36	1
2-Methylnaphthalene	ND		10	0.53	ug/L		11/06/24 10:49	11/07/24 03:36	1
2-Methylphenol	ND		10	0.67	ug/L		11/06/24 10:49	11/07/24 03:36	1
2-Nitroaniline	ND		10	0.47	ug/L		11/06/24 10:49	11/07/24 03:36	1
2-Nitrophenol	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 03:36	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		11/06/24 10:49	11/07/24 03:36	1
3-Nitroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 03:36	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		11/06/24 10:49	11/07/24 03:36	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 03:36	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		11/06/24 10:49	11/07/24 03:36	1
4-Chloroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 03:36	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 03:36	1
4-Methylphenol	ND		10	0.65	ug/L		11/06/24 10:49	11/07/24 03:36	1
4-Nitroaniline	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 03:36	1
4-Nitrophenol	ND		20	4.0	ug/L		11/06/24 10:49	11/07/24 03:36	1
Acenaphthene	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 03:36	1
Acenaphthylene	ND	*+	10	0.82	ug/L		11/06/24 10:49	11/07/24 03:36	1
Acetophenone	ND		10	2.3	ug/L		11/06/24 10:49	11/07/24 03:36	1
Anthracene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 03:36	1
Atrazine	ND	*+	2.0	1.3	ug/L		11/06/24 10:49	11/07/24 03:36	1
Benzaldehyde	ND		10	2.1	ug/L		11/06/24 10:49	11/07/24 03:36	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		11/06/24 10:49	11/07/24 03:36	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		11/06/24 10:49	11/07/24 03:36	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		11/06/24 10:49	11/07/24 03:36	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		11/06/24 10:49	11/07/24 03:36	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		11/06/24 10:49	11/07/24 03:36	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		11/06/24 10:49	11/07/24 03:36	1
Caprolactam	ND		10	2.2	ug/L		11/06/24 10:49	11/07/24 03:36	1
Carbazole	ND		10	0.68	ug/L		11/06/24 10:49	11/07/24 03:36	1
Chrysene	ND		2.0	0.91	ug/L		11/06/24 10:49	11/07/24 03:36	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 03:36	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 03:36	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		11/06/24 10:49	11/07/24 03:36	1
Dibenzofuran	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 03:36	1
Diethyl phthalate	ND		10	0.98	ug/L		11/06/24 10:49	11/07/24 03:36	1
Dimethyl phthalate	ND		10	0.77	ug/L		11/06/24 10:49	11/07/24 03:36	1
Fluoranthene	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 03:36	1
Fluorene	ND		10	0.91	ug/L		11/06/24 10:49	11/07/24 03:36	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		11/06/24 10:49	11/07/24 03:36	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		11/06/24 10:49	11/07/24 03:36	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		11/06/24 10:49	11/07/24 03:36	1
Hexachloroethane	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 03:36	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		11/06/24 10:49	11/07/24 03:36	1
Isophorone	ND		10	0.80	ug/L		11/06/24 10:49	11/07/24 03:36	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		11/06/24 10:49	11/07/24 03:36	1

Client Sample ID: MW-04_20241031

Lab Sample ID: 410-192708-93

Date Collected: 10/31/24 12:00
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		11/06/24 10:49	11/07/24 03:36	1
Naphthalene	ND		2.0	0.54	ug/L		11/06/24 10:49	11/07/24 03:36	1
Nitrobenzene	ND		1.0	0.57	ug/L		11/06/24 10:49	11/07/24 03:36	1
Pentachlorophenol	ND		20	1.4	ug/L		11/06/24 10:49	11/07/24 03:36	1
Phenanthrene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 03:36	1
Phenol	ND		10	0.29	ug/L		11/06/24 10:49	11/07/24 03:36	1
Pyrene	ND		10	1.6	ug/L		11/06/24 10:49	11/07/24 03:36	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		11/06/24 10:49	11/07/24 03:36	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		11/06/24 10:49	11/07/24 03:36	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 03:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*11/06/24 10:49*	*11/07/24 03:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*113*		*37 - 150*	*11/06/24 10:49*	*11/07/24 03:36*	*1*
2-Fluorophenol (Surr)	*45*		*16 - 80*	*11/06/24 10:49*	*11/07/24 03:36*	*1*
Nitrobenzene-d5 (Surr)	*114*		*51 - 145*	*11/06/24 10:49*	*11/07/24 03:36*	*1*
Phenol-d5 (Surr)	*29*		*10 - 56*	*11/06/24 10:49*	*11/07/24 03:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.52	0.10	ug/L		11/08/24 08:00	11/08/24 19:42	1
PCB-1221 (1C)	ND		0.52	0.10	ug/L		11/08/24 08:00	11/08/24 19:42	1
PCB-1232 (1C)	ND		0.52	0.10	ug/L		11/08/24 08:00	11/08/24 19:42	1
PCB-1242 (1C)	ND		0.52	0.10	ug/L		11/08/24 08:00	11/08/24 19:42	1
PCB-1248 (1C)	ND		0.52	0.081	ug/L		11/08/24 08:00	11/08/24 19:42	1
PCB-1254 (1C)	ND		0.52	0.081	ug/L		11/08/24 08:00	11/08/24 19:42	1
PCB-1260 (1C)	ND		0.52	0.081	ug/L		11/08/24 08:00	11/08/24 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*65*		*10 - 148*	*11/08/24 08:00*	*11/08/24 19:42*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*72*		*10 - 148*	*11/08/24 08:00*	*11/08/24 19:42*	*1*
Tetrachloro-m-xylene (1C)	*75*		*33 - 137*	*11/08/24 08:00*	*11/08/24 19:42*	*1*
Tetrachloro-m-xylene (2C)	*75*		*33 - 137*	*11/08/24 08:00*	*11/08/24 19:42*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**29**		25	12	ug/L		11/08/24 07:00	11/15/24 13:08	1
Antimony	ND		1.0	0.20	ug/L		11/08/24 07:00	11/15/24 13:08	1
Arsenic	ND		2.0	0.68	ug/L		11/08/24 07:00	11/15/24 13:08	1
Barium	**33**		2.0	0.75	ug/L		11/08/24 07:00	11/15/24 13:08	1
Beryllium	ND		0.50	0.12	ug/L		11/08/24 07:00	11/24/24 10:22	1
Cadmium	**0.27**	**J**	0.50	0.15	ug/L		11/08/24 07:00	11/15/24 13:08	1
Chromium	**21**		2.0	0.55	ug/L		11/08/24 07:00	11/15/24 13:08	1
Cobalt	**0.98**		0.50	0.16	ug/L		11/08/24 07:00	11/15/24 13:08	1
Copper	ND		1.0	0.36	ug/L		11/08/24 07:00	11/15/24 13:08	1
Lead	**0.30**	**J**	0.50	0.12	ug/L		11/08/24 07:00	11/15/24 13:08	1
Manganese	**80**	**B**	2.0	0.95	ug/L		11/08/24 07:00	11/15/24 13:08	1
Nickel	**2.4**		1.0	0.40	ug/L		11/08/24 07:00	11/15/24 13:08	1

Client Sample ID: MW-04_20241031

Lab Sample ID: 410-192708-93

Date Collected: 10/31/24 12:00
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50	0.10	ug/L		11/08/24 07:00	11/15/24 13:08	1
Thallium	ND		0.50	0.13	ug/L		11/08/24 07:00	11/15/24 13:08	1
Zinc	**6.5**	**J**	10	4.0	ug/L		11/08/24 07:00	11/15/24 13:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:30	11/14/24 11:23	1

Client Sample ID: SED-01_0-1_20241101

Lab Sample ID: 410-192708-94

Date Collected: 11/01/24 10:15
Matrix: Solid
Date Received: 11/01/24 16:25
Percent Solids: 39.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		830	29	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2,2'-oxybis[1-chloropropane]	ND		830	50	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2,4,5-Trichlorophenol	ND		830	85	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2,4-Dichlorophenol	ND		330	53	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2,4-Dimethylphenol	ND		830	99	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2,4-Dinitrophenol	ND		670	410	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2,4-Dinitrotoluene	ND		170	90	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2,6-Dinitrotoluene	ND		170	60	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2-Chloronaphthalene	ND		830	39	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2-Chlorophenol	ND		830	30	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2-Methylnaphthalene	ND		830	23	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2-Methylphenol	ND		830	31	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2-Nitroaniline	ND		830	63	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
2-Nitrophenol	ND		830	83	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
3,3'-Dichlorobenzidine	ND		330	130	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
3-Nitroaniline	ND		830	200	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
4,6-Dinitro-2-methylphenol	ND		670	340	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
4-Bromophenyl phenyl ether	ND		830	33	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
4-Chloro-3-methylphenol	ND		830	47	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
4-Chloroaniline	ND		830	150	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
4-Chlorophenyl phenyl ether	ND		830	29	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
4-Methylphenol	**1100**		830	52	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
4-Nitroaniline	ND		830	96	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
4-Nitrophenol	ND		1700	140	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Acenaphthene	ND		830	24	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Acenaphthylene	**25**	**J**	830	24	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Acetophenone	ND		830	41	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Anthracene	**50**	**J**	830	25	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Atrazine	ND		330	49	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Benzaldehyde	ND		830	140	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Benzo[a]anthracene	**290**		83	63	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Benzo[a]pyrene	**450**		83	22	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Benzo[b]fluoranthene	**790**		83	22	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Benzo[g,h,i]perylene	**390**	**J**	830	25	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1

Client Sample ID: SED-01_0-1_20241101

Lab Sample ID: 410-192708-94

Date Collected: 11/01/24 10:15
Date Received: 11/01/24 16:25

Matrix: Solid
Percent Solids: 39.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	**270**		83	16	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Butyl benzyl phthalate	**80**	**J**	830	39	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Caprolactam	ND		830	130	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Carbazole	**100**	**J**	830	32	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Chrysene	**500**	**J**	830	35	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Di-n-butyl phthalate	**97**	**J**	830	31	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Di-n-octyl phthalate	ND		830	44	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Dibenz(a,h)anthracene	**59**	**J**	83	36	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Dibenzofuran	ND		830	28	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Diethyl phthalate	ND		830	27	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Dimethyl phthalate	ND		830	190	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Fluoranthene	**780**	**J**	830	29	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Fluorene	ND		830	24	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Hexachlorobenzene	ND		83	40	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Hexachlorobutadiene	ND		170	18	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Hexachlorocyclopentadiene	ND	*+	830	73	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Hexachloroethane	ND		83	29	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Indeno[1,2,3-cd]pyrene	**400**		83	33	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Isophorone	ND		330	240	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
N-Nitrosodi-n-propylamine	ND		83	60	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
N-Nitrosodiphenylamine	ND		830	68	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Naphthalene	**41**	**J**	830	14	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Nitrobenzene	ND		83	46	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Pentachlorophenol	ND		670	170	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Phenanthrene	**300**	**J**	830	34	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Phenol	**82**	**J**	830	31	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Pyrene	**660**	**J**	830	21	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Bis(2-chloroethoxy)methane	ND		830	65	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Bis(2-chloroethyl)ether	ND		83	29	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1
Bis(2-ethylhexyl) phthalate	**92**	**J**	830	44	ug/Kg	☼	11/05/24 20:15	11/06/24 11:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Furfural	*1900*	*T J N*	*ug/Kg*	☼	*2.10*	*98-01-1*	*11/05/24 20:15*	*11/06/24 11:33*	*1*
Aldol condensation product	*920*	*T A J*	*ug/Kg*	☼	*2.14*	*N/A*	*11/05/24 20:15*	*11/06/24 11:33*	*1*
4-((1E)-3-Hydroxy-1-propenyl)-2-methoxyphenol	*1100*	*T J N*	*ug/Kg*	☼	*6.42*	*1000297-95-5*	*11/05/24 20:15*	*11/06/24 11:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*24 - 137*	*11/05/24 20:15*	*11/06/24 11:33*	*1*
2-Fluorophenol (Surr)	*80*		*31 - 133*	*11/05/24 20:15*	*11/06/24 11:33*	*1*
Nitrobenzene-d5 (Surr)	*84*		*31 - 120*	*11/05/24 20:15*	*11/06/24 11:33*	*1*
Phenol-d5 (Surr)	*84*		*35 - 132*	*11/05/24 20:15*	*11/06/24 11:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND	cn	43	13	ug/Kg	☼	11/10/24 14:39	11/11/24 15:09	1
PCB-1221 (1C)	ND		43	13	ug/Kg	☼	11/10/24 14:39	11/11/24 15:09	1
PCB-1232 (1C)	ND		43	13	ug/Kg	☼	11/10/24 14:39	11/11/24 15:09	1
PCB-1242 (1C)	ND		43	13	ug/Kg	☼	11/10/24 14:39	11/11/24 15:09	1

Client Sample ID: SED-01_0-1_20241101

Lab Sample ID: 410-192708-94

Date Collected: 11/01/24 10:15
Date Received: 11/01/24 16:25

Matrix: Solid
Percent Solids: 39.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248 (1C)	ND		43	13	ug/Kg	☼	11/10/24 14:39	11/11/24 15:09	1
PCB-1254 (1C)	ND		43	16	ug/Kg	☼	11/10/24 14:39	11/11/24 15:09	1
PCB-1260 (1C)	ND	F1 cn	43	16	ug/Kg	☼	11/10/24 14:39	11/11/24 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*61*	*S1- cn*	*66 - 130*	*11/10/24 14:39*	*11/11/24 15:09*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*67*	*cn*	*66 - 130*	*11/10/24 14:39*	*11/11/24 15:09*	*1*
Tetrachloro-m-xylene (1C)	*94*		*68 - 130*	*11/10/24 14:39*	*11/11/24 15:09*	*1*
Tetrachloro-m-xylene (2C)	*75*		*68 - 130*	*11/10/24 14:39*	*11/11/24 15:09*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**23000**		50	25	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Antimony	**2.6**	**F1**	0.50	0.20	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Arsenic	**25**		1.0	0.34	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Barium	**150**	**F1**	1.0	0.46	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Beryllium	**2.0**		0.25	0.060	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Cadmium	**4.4**		0.25	0.10	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Chromium	**260**	**F1**	1.0	0.48	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Cobalt	**14**		0.50	0.20	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Copper	**86**	**^2**	1.0	0.45	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Lead	**210**	**F2**	0.50	0.19	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Manganese	**350**		1.0	0.50	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Nickel	**120**	**^2 F1**	1.0	0.48	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Silver	**0.28**		0.25	0.10	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Thallium	**0.19**	**J**	0.25	0.098	mg/Kg	☼	11/10/24 03:39	11/12/24 11:08	2
Zinc	**810**		380	50	mg/Kg	☼	11/10/24 03:39	11/12/24 11:11	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.12**	**J F1**	0.15	0.050	mg/Kg	☼	11/06/24 22:30	11/08/24 06:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA Lloyd Kahn)	**70000**		760	250	mg/Kg	☼		11/12/24 10:34	1
Percent Moisture (EPA Moisture)	**60.5**		1.0	1.0	%			11/06/24 09:26	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**5.4**		0.01	0.01	S.U.			11/18/24 10:45	1
Temperature (SW846 9045D)	**20.0**		0.01	0.01	Degrees C			11/18/24 10:45	1

Client Sample ID: SED-02_0-1_20241101

Lab Sample ID: 410-192708-95

Date Collected: 11/01/24 10:50
Date Received: 11/01/24 16:25

Matrix: Solid
Percent Solids: 75.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		440	15	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1

Client Sample ID: SED-02_0-1_20241101

Date Collected: 11/01/24 10:50
Date Received: 11/01/24 16:25

Lab Sample ID: 410-192708-95

Matrix: Solid
Percent Solids: 75.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		440	26	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2,4,5-Trichlorophenol	ND		440	45	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2,4,6-Trichlorophenol	ND		180	56	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2,4-Dichlorophenol	ND		180	28	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2,4-Dimethylphenol	ND		440	52	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2,4-Dinitrophenol	ND		350	220	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2,4-Dinitrotoluene	ND		89	47	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2,6-Dinitrotoluene	ND		89	32	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2-Chloronaphthalene	ND		440	20	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2-Chlorophenol	ND		440	16	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2-Methylnaphthalene	ND		440	12	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2-Methylphenol	ND		440	16	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2-Nitroaniline	ND		440	33	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
2-Nitrophenol	ND		440	44	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
3,3'-Dichlorobenzidine	ND		180	66	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
3-Nitroaniline	ND		440	100	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
4,6-Dinitro-2-methylphenol	ND		350	180	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
4-Bromophenyl phenyl ether	ND		440	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
4-Chloro-3-methylphenol	ND		440	25	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
4-Chloroaniline	ND		440	78	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
4-Chlorophenyl phenyl ether	ND		440	15	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
4-Methylphenol	**270**	**J**	440	27	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
4-Nitroaniline	ND		440	50	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
4-Nitrophenol	ND		890	72	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Acenaphthene	ND		440	13	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Acenaphthylene	ND		440	13	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Acetophenone	ND		440	22	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Anthracene	ND		440	13	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Atrazine	ND		180	26	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Benzaldehyde	ND		440	73	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Benzo[a]anthracene	**35**	**J**	44	33	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Benzo[a]pyrene	**32**	**J**	44	12	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Benzo[b]fluoranthene	**50**		44	11	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Benzo[g,h,i]perylene	**29**	**J**	440	13	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Benzo[k]fluoranthene	**17**	**J**	44	8.6	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Butyl benzyl phthalate	**100**	**J**	440	21	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Caprolactam	ND		440	68	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Carbazole	ND		440	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Chrysene	**38**	**J**	440	18	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Di-n-butyl phthalate	**61**	**J**	440	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Di-n-octyl phthalate	ND		440	23	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Dibenz(a,h)anthracene	ND		44	19	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Dibenzofuran	ND		440	15	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Diethyl phthalate	ND		440	14	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Dimethyl phthalate	ND		440	100	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Fluoranthene	**54**	**J**	440	15	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Fluorene	ND		440	13	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Hexachlorobenzene	ND		44	21	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1

Client Sample ID: SED-02_0-1_20241101

Date Collected: 11/01/24 10:50
Date Received: 11/01/24 16:25

Lab Sample ID: 410-192708-95

Matrix: Solid
Percent Solids: 75.0

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		89	9.3	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Hexachlorocyclopentadiene	ND	*+	440	39	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Hexachloroethane	ND		44	15	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Indeno[1,2,3-cd]pyrene	**28**	**J**	44	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Isophorone	ND		180	130	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
N-Nitrosodi-n-propylamine	ND		44	32	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
N-Nitrosodiphenylamine	ND		440	36	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Naphthalene	ND		440	7.6	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Nitrobenzene	ND		44	24	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Pentachlorophenol	ND		350	90	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Phenanthrene	**20**	**J**	440	18	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Phenol	ND		440	16	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Pyrene	**48**	**J**	440	11	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Bis(2-chloroethoxy)methane	ND		440	34	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Bis(2-chloroethyl)ether	ND		44	15	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1
Bis(2-ethylhexyl) phthalate	ND		440	23	ug/Kg	☼	11/05/24 20:15	11/06/24 08:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*11/05/24 20:15*	*11/06/24 08:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*24 - 137*	*11/05/24 20:15*	*11/06/24 08:05*	*1*
2-Fluorophenol (Surr)	*83*		*31 - 133*	*11/05/24 20:15*	*11/06/24 08:05*	*1*
Nitrobenzene-d5 (Surr)	*84*		*31 - 120*	*11/05/24 20:15*	*11/06/24 08:05*	*1*
Phenol-d5 (Surr)	*86*		*35 - 132*	*11/05/24 20:15*	*11/06/24 08:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND	cn	23	7.1	ug/Kg	☼	11/10/24 14:39	11/11/24 15:21	1
PCB-1221 (1C)	ND		23	7.1	ug/Kg	☼	11/10/24 14:39	11/11/24 15:21	1
PCB-1232 (1C)	ND		23	7.1	ug/Kg	☼	11/10/24 14:39	11/11/24 15:21	1
PCB-1242 (1C)	ND		23	7.1	ug/Kg	☼	11/10/24 14:39	11/11/24 15:21	1
PCB-1248 (1C)	ND		23	7.1	ug/Kg	☼	11/10/24 14:39	11/11/24 15:21	1
PCB-1254 (1C)	ND		23	8.5	ug/Kg	☼	11/10/24 14:39	11/11/24 15:21	1
PCB-1260 (1C)	ND	cn	23	8.5	ug/Kg	☼	11/10/24 14:39	11/11/24 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*71*	*cn*	*66 - 130*	*11/10/24 14:39*	*11/11/24 15:21*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*74*	*cn*	*66 - 130*	*11/10/24 14:39*	*11/11/24 15:21*	*1*
Tetrachloro-m-xylene (1C)	*98*		*68 - 130*	*11/10/24 14:39*	*11/11/24 15:21*	*1*
Tetrachloro-m-xylene (2C)	*80*		*68 - 130*	*11/10/24 14:39*	*11/11/24 15:21*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8300**		21	10	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2
Antimony	**0.56**	**F1 F2**	0.21	0.082	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2
Arsenic	**13**	**F2**	0.41	0.14	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2
Barium	**35**		0.41	0.19	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2
Beryllium	**1.2**	**F2**	0.10	0.024	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2
Cadmium	**0.57**	**F2**	0.10	0.041	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2

Client Sample ID: SED-02_0-1_20241101

Lab Sample ID: 410-192708-95

Date Collected: 11/01/24 10:50
Date Received: 11/01/24 16:25

Matrix: Solid
Percent Solids: 75.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	110	F1	0.41	0.19	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2
Cobalt	4.0	F2	0.21	0.082	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2
Copper	7.9	F2	0.41	0.18	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2
Lead	38		0.21	0.078	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2
Manganese	170	F1 F2	0.41	0.21	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2
Nickel	21		0.41	0.19	mg/Kg	☼	11/18/24 21:00	11/20/24 16:46	2
Silver	0.051	J F2	0.10	0.042	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2
Thallium	0.070	J F2	0.10	0.040	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2
Zinc	100	F1	31	4.1	mg/Kg	☼	11/18/24 21:00	11/19/24 14:55	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.075	0.025	mg/Kg	☼	11/11/24 23:50	11/14/24 07:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA Lloyd Kahn)	18000		400	130	mg/Kg	☼		11/12/24 10:45	1
Percent Moisture (EPA Moisture)	25.0		1.0	1.0	%			11/06/24 09:26	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	5.8		0.01	0.01	S.U.			11/18/24 10:45	1
Temperature (SW846 9045D)	20.0		0.01	0.01	Degrees C			11/18/24 10:45	1

Client Sample ID: SED-03_0-1_20241101

Lab Sample ID: 410-192708-96

Date Collected: 11/01/24 12:30
Date Received: 11/01/24 16:25

Matrix: Solid
Percent Solids: 67.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		490	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2,2'-oxybis[1-chloropropane]	ND		490	29	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2,4,5-Trichlorophenol	ND		490	50	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2,4,6-Trichlorophenol	ND		200	63	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2,4-Dichlorophenol	ND		200	31	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2,4-Dimethylphenol	ND		490	58	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2,4-Dinitrophenol	ND		390	240	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2,4-Dinitrotoluene	ND		99	53	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2,6-Dinitrotoluene	ND		99	35	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2-Chloronaphthalene	ND		490	23	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2-Chlorophenol	ND		490	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2-Methylnaphthalene	ND		490	14	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2-Methylphenol	ND		490	18	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2-Nitroaniline	ND		490	37	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
2-Nitrophenol	ND		490	49	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
3,3'-Dichlorobenzidine	ND		200	74	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
3-Nitroaniline	ND		490	120	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
4,6-Dinitro-2-methylphenol	ND		390	200	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
4-Bromophenyl phenyl ether	ND		490	19	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1

Client Sample ID: SED-03_0-1_20241101

Lab Sample ID: 410-192708-96

Date Collected: 11/01/24 12:30
Date Received: 11/01/24 16:25

Matrix: Solid
Percent Solids: 67.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		490	27	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
4-Chloroaniline	ND		490	87	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
4-Chlorophenyl phenyl ether	ND		490	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
4-Methylphenol	ND		490	31	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
4-Nitroaniline	ND		490	56	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
4-Nitrophenol	ND		990	80	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Acenaphthene	ND		490	14	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Acenaphthylene	ND		490	14	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Acetophenone	ND		490	24	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Anthracene	ND		490	15	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Atrazine	ND		200	29	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Benzaldehyde	ND		490	81	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Benzo[a]anthracene	ND		49	37	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Benzo[a]pyrene	**22**	**J**	49	13	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Benzo[b]fluoranthene	**31**	**J**	49	13	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Benzo[g,h,i]perylene	**22**	**J**	490	14	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Benzo[k]fluoranthene	**13**	**J**	49	9.6	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Butyl benzyl phthalate	ND		490	23	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Caprolactam	ND		490	76	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Carbazole	ND		490	19	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Chrysene	ND		490	21	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Di-n-butyl phthalate	**33**	**J**	490	18	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Di-n-octyl phthalate	ND		490	26	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Dibenz(a,h)anthracene	ND		49	21	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Dibenzofuran	ND		490	16	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Diethyl phthalate	ND		490	16	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Dimethyl phthalate	ND		490	110	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Fluoranthene	**27**	**J**	490	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Fluorene	ND		490	14	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Hexachlorobenzene	ND		49	23	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Hexachlorobutadiene	ND		99	10	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Hexachlorocyclopentadiene	ND	*+	490	43	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Hexachloroethane	ND		49	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Indeno[1,2,3-cd]pyrene	**19**	**J**	49	19	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Isophorone	ND		200	140	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
N-Nitrosodi-n-propylamine	ND		49	36	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
N-Nitrosodiphenylamine	ND		490	40	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Naphthalene	ND		490	8.5	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Nitrobenzene	ND		49	27	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Pentachlorophenol	ND		390	100	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Phenanthrene	ND		490	20	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Phenol	ND		490	18	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Pyrene	**29**	**J**	490	12	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Bis(2-chloroethoxy)methane	ND		490	38	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Bis(2-chloroethyl)ether	ND		49	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1
Bis(2-ethylhexyl) phthalate	**27**	**J**	490	26	ug/Kg	☼	11/05/24 20:15	11/06/24 08:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*11/05/24 20:15*	*11/06/24 08:57*	*1*

Client Sample ID: SED-03_0-1_20241101

Date Collected: 11/01/24 12:30
Date Received: 11/01/24 16:25

Lab Sample ID: 410-192708-96

Matrix: Solid
Percent Solids: 67.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	104		24 - 137	11/05/24 20:15	11/06/24 08:57	1
2-Fluorophenol (Surr)	84		31 - 133	11/05/24 20:15	11/06/24 08:57	1
Nitrobenzene-d5 (Surr)	84		31 - 120	11/05/24 20:15	11/06/24 08:57	1
Phenol-d5 (Surr)	87		35 - 132	11/05/24 20:15	11/06/24 08:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND	cn	25	7.8	ug/Kg	☼	11/10/24 14:39	11/11/24 15:33	1
PCB-1221 (1C)	ND		25	7.8	ug/Kg	☼	11/10/24 14:39	11/11/24 15:33	1
PCB-1232 (1C)	ND		25	7.8	ug/Kg	☼	11/10/24 14:39	11/11/24 15:33	1
PCB-1242 (1C)	ND		25	7.8	ug/Kg	☼	11/10/24 14:39	11/11/24 15:33	1
PCB-1248 (1C)	ND		25	7.8	ug/Kg	☼	11/10/24 14:39	11/11/24 15:33	1
PCB-1254 (1C)	ND		25	9.5	ug/Kg	☼	11/10/24 14:39	11/11/24 15:33	1
PCB-1260 (1C)	ND	cn	25	9.5	ug/Kg	☼	11/10/24 14:39	11/11/24 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	59	S1- cn	66 - 130	11/10/24 14:39	11/11/24 15:33	1
DCB Decachlorobiphenyl (Surr) (2C)	66	cn	66 - 130	11/10/24 14:39	11/11/24 15:33	1
Tetrachloro-m-xylene (1C)	88		68 - 130	11/10/24 14:39	11/11/24 15:33	1
Tetrachloro-m-xylene (2C)	70		68 - 130	11/10/24 14:39	11/11/24 15:33	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7400**	**^2**	30	15	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Antimony	**0.30**		0.30	0.12	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Arsenic	**3.6**		0.59	0.20	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Barium	**11**		0.59	0.27	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Beryllium	**0.38**		0.15	0.035	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Cadmium	**0.28**		0.15	0.059	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Chromium	**31**		0.59	0.28	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Cobalt	**1.6**		0.30	0.12	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Copper	**30**		0.59	0.27	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Lead	**25**		0.30	0.11	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Manganese	**22**		0.59	0.30	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Nickel	**11**	**^2**	0.59	0.28	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Silver	**0.16**		0.15	0.060	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Thallium	ND		0.15	0.058	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2
Zinc	**110**		44	5.9	mg/Kg	☼	11/10/24 03:39	11/12/24 12:26	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.052**	**J**	0.085	0.028	mg/Kg	☼	11/11/24 23:50	11/14/24 07:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA Lloyd Kahn)	**21000**		440	150	mg/Kg	☼		11/12/24 10:50	1
Percent Moisture (EPA Moisture)	**32.5**		1.0	1.0	%			11/06/24 09:26	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**7.1**		0.01	0.01	S.U.			11/18/24 10:45	1

Client Sample ID: SED-03_0-1_20241101

Lab Sample ID: 410-192708-96
Date Collected: 11/01/24 12:30
Matrix: Solid
Date Received: 11/01/24 16:25
Percent Solids: 67.5

General Chemistry - Soluble (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Temperature (SW846 9045D)	20.0		0.01	0.01	Degrees C			11/18/24 10:45	1

Client Sample ID: FD-06_20241101

Lab Sample ID: 410-192708-97
Date Collected: 11/01/24 00:00
Matrix: Solid
Date Received: 11/01/24 16:25
Percent Solids: 73.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		450	16	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2,2'-oxybis[1-chloropropane]	ND		450	27	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2,4,5-Trichlorophenol	ND		450	46	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2,4,6-Trichlorophenol	ND		180	58	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2,4-Dichlorophenol	ND		180	29	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2,4-Dimethylphenol	ND		450	54	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2,4-Dinitrophenol	ND		360	220	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2,4-Dinitrotoluene	ND		91	48	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2,6-Dinitrotoluene	ND		91	32	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2-Chloronaphthalene	ND		450	21	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2-Chlorophenol	ND		450	16	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2-Methylnaphthalene	ND		450	13	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2-Methylphenol	ND		450	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2-Nitroaniline	ND		450	34	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
2-Nitrophenol	ND		450	45	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
3,3'-Dichlorobenzidine	ND		180	68	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
3-Nitroaniline	ND		450	110	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
4,6-Dinitro-2-methylphenol	ND		360	180	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
4-Bromophenyl phenyl ether	ND		450	18	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
4-Chloro-3-methylphenol	ND		450	25	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
4-Chloroaniline	ND		450	80	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
4-Chlorophenyl phenyl ether	ND		450	16	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
4-Methylphenol	ND		450	28	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
4-Nitroaniline	ND		450	52	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
4-Nitrophenol	ND		910	73	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Acenaphthene	ND		450	13	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Acenaphthylene	ND		450	13	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Acetophenone	ND		450	22	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Anthracene	ND		450	14	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Atrazine	ND		180	26	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Benzaldehyde	ND		450	74	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Benzo[a]anthracene	35	J	45	34	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Benzo[a]pyrene	42	J	45	12	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Benzo[b]fluoranthene	63		45	12	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Benzo[g,h,i]perylene	40	J	450	13	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Benzo[k]fluoranthene	23	J	45	8.8	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Butyl benzyl phthalate	ND		450	21	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Caprolactam	ND		450	70	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Carbazole	ND		450	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Chrysene	41	J	450	19	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Di-n-butyl phthalate	63	J	450	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1

Client Sample ID: FD-06_20241101

Date Collected: 11/01/24 00:00
Date Received: 11/01/24 16:25

Lab Sample ID: 410-192708-97

Matrix: Solid
Percent Solids: 73.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		450	24	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Dibenz(a,h)anthracene	ND		45	19	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Dibenzofuran	ND		450	15	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Diethyl phthalate	ND		450	14	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Dimethyl phthalate	ND		450	100	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Fluoranthene	**47**	**J**	450	16	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Fluorene	ND		450	13	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Hexachlorobenzene	ND		45	21	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Hexachlorobutadiene	ND		91	9.6	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Hexachlorocyclopentadiene	ND	*+	450	39	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Hexachloroethane	ND		45	15	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Indeno[1,2,3-cd]pyrene	**38**	**J**	45	18	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Isophorone	ND		180	130	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
N-Nitrosodi-n-propylamine	ND		45	33	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
N-Nitrosodiphenylamine	ND		450	37	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Naphthalene	ND		450	7.8	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Nitrobenzene	ND		45	25	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Pentachlorophenol	ND		360	92	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Phenanthrene	**24**	**J**	450	18	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Phenol	ND		450	17	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Pyrene	**52**	**J**	450	11	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Bis(2-chloroethoxy)methane	ND		450	35	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Bis(2-chloroethyl)ether	ND		45	16	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1
Bis(2-ethylhexyl) phthalate	ND		450	24	ug/Kg	☼	11/05/24 20:15	11/06/24 08:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*11/05/24 20:15*	*11/06/24 08:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*24 - 137*	*11/05/24 20:15*	*11/06/24 08:40*	*1*
2-Fluorophenol (Surr)	*77*		*31 - 133*	*11/05/24 20:15*	*11/06/24 08:40*	*1*
Nitrobenzene-d5 (Surr)	*80*		*31 - 120*	*11/05/24 20:15*	*11/06/24 08:40*	*1*
Phenol-d5 (Surr)	*82*		*35 - 132*	*11/05/24 20:15*	*11/06/24 08:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND	cn	23	7.2	ug/Kg	☼	11/10/24 14:39	11/11/24 15:45	1
PCB-1221 (1C)	ND		23	7.2	ug/Kg	☼	11/10/24 14:39	11/11/24 15:45	1
PCB-1232 (1C)	ND		23	7.2	ug/Kg	☼	11/10/24 14:39	11/11/24 15:45	1
PCB-1242 (1C)	ND		23	7.2	ug/Kg	☼	11/10/24 14:39	11/11/24 15:45	1
PCB-1248 (1C)	ND		23	7.2	ug/Kg	☼	11/10/24 14:39	11/11/24 15:45	1
PCB-1254 (1C)	ND		23	8.7	ug/Kg	☼	11/10/24 14:39	11/11/24 15:45	1
PCB-1260 (1C)	ND	cn	23	8.7	ug/Kg	☼	11/10/24 14:39	11/11/24 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*71*	*cn*	*66 - 130*	*11/10/24 14:39*	*11/11/24 15:45*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*72*	*cn*	*66 - 130*	*11/10/24 14:39*	*11/11/24 15:45*	*1*
Tetrachloro-m-xylene (1C)	*91*		*68 - 130*	*11/10/24 14:39*	*11/11/24 15:45*	*1*
Tetrachloro-m-xylene (2C)	*74*		*68 - 130*	*11/10/24 14:39*	*11/11/24 15:45*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: FD-06_20241101

Lab Sample ID: 410-192708-97

Date Collected: 11/01/24 00:00
Date Received: 11/01/24 16:25

Matrix: Solid
Percent Solids: 73.4

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9600	^2	26	13	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Antimony	0.39		0.26	0.11	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Arsenic	14		0.53	0.18	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Barium	56		0.53	0.24	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Beryllium	1.2		0.13	0.031	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Cadmium	0.59		0.13	0.053	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Chromium	120		0.53	0.25	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Cobalt	5.0		0.26	0.11	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Copper	16		0.53	0.24	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Lead	130		0.26	0.10	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Manganese	130		0.53	0.26	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Nickel	19	^2	0.53	0.25	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Silver	0.10	J	0.13	0.054	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Thallium	0.052	J	0.13	0.052	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2
Zinc	150		40	5.3	mg/Kg	☼	11/10/24 03:39	11/12/24 12:22	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.51		0.082	0.027	mg/Kg	☼	11/13/24 20:50	11/15/24 08:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA Lloyd Kahn)	6500		410	140	mg/Kg	☼		11/12/24 10:53	1
Percent Moisture (EPA Moisture)	26.6		1.0	1.0	%			11/06/24 09:26	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.1		0.01	0.01	S.U.			11/18/24 10:45	1
Temperature (SW846 9045D)	20.1		0.01	0.01	Degrees C			11/18/24 10:45	1

Client Sample ID: SW-01_20241101

Lab Sample ID: 410-192708-98

Date Collected: 11/01/24 10:05
Date Received: 11/01/24 16:25

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 04:39	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		11/06/24 10:49	11/07/24 04:39	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		11/06/24 10:49	11/07/24 04:39	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		11/06/24 10:49	11/07/24 04:39	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 04:39	1
2,4-Dimethylphenol	ND	*+	10	0.62	ug/L		11/06/24 10:49	11/07/24 04:39	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		11/06/24 10:49	11/07/24 04:39	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		11/06/24 10:49	11/07/24 04:39	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		11/06/24 10:49	11/07/24 04:39	1
2-Chloronaphthalene	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 04:39	1
2-Chlorophenol	ND		10	0.38	ug/L		11/06/24 10:49	11/07/24 04:39	1
2-Methylnaphthalene	ND		10	0.53	ug/L		11/06/24 10:49	11/07/24 04:39	1
2-Methylphenol	ND		10	0.67	ug/L		11/06/24 10:49	11/07/24 04:39	1

Client Sample ID: SW-01_20241101
Date Collected: 11/01/24 10:05
Date Received: 11/01/24 16:25

Lab Sample ID: 410-192708-98
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10	0.47	ug/L		11/06/24 10:49	11/07/24 04:39	1
2-Nitrophenol	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 04:39	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		11/06/24 10:49	11/07/24 04:39	1
3-Nitroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 04:39	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		11/06/24 10:49	11/07/24 04:39	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 04:39	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		11/06/24 10:49	11/07/24 04:39	1
4-Chloroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 04:39	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 04:39	1
4-Methylphenol	ND		10	0.65	ug/L		11/06/24 10:49	11/07/24 04:39	1
4-Nitroaniline	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 04:39	1
4-Nitrophenol	ND		20	4.0	ug/L		11/06/24 10:49	11/07/24 04:39	1
Acenaphthene	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 04:39	1
Acenaphthylene	ND	*+	10	0.82	ug/L		11/06/24 10:49	11/07/24 04:39	1
Acetophenone	ND		10	2.3	ug/L		11/06/24 10:49	11/07/24 04:39	1
Anthracene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 04:39	1
Atrazine	ND	*+	2.0	1.3	ug/L		11/06/24 10:49	11/07/24 04:39	1
Benzaldehyde	ND		10	2.1	ug/L		11/06/24 10:49	11/07/24 04:39	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		11/06/24 10:49	11/07/24 04:39	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		11/06/24 10:49	11/07/24 04:39	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		11/06/24 10:49	11/07/24 04:39	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		11/06/24 10:49	11/07/24 04:39	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		11/06/24 10:49	11/07/24 04:39	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		11/06/24 10:49	11/07/24 04:39	1
Caprolactam	ND		10	2.2	ug/L		11/06/24 10:49	11/07/24 04:39	1
Carbazole	ND		10	0.68	ug/L		11/06/24 10:49	11/07/24 04:39	1
Chrysene	ND		2.0	0.91	ug/L		11/06/24 10:49	11/07/24 04:39	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 04:39	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 04:39	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		11/06/24 10:49	11/07/24 04:39	1
Dibenzofuran	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 04:39	1
Diethyl phthalate	ND		10	0.98	ug/L		11/06/24 10:49	11/07/24 04:39	1
Dimethyl phthalate	ND		10	0.77	ug/L		11/06/24 10:49	11/07/24 04:39	1
Fluoranthene	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 04:39	1
Fluorene	ND		10	0.91	ug/L		11/06/24 10:49	11/07/24 04:39	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		11/06/24 10:49	11/07/24 04:39	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		11/06/24 10:49	11/07/24 04:39	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		11/06/24 10:49	11/07/24 04:39	1
Hexachloroethane	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 04:39	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		11/06/24 10:49	11/07/24 04:39	1
Isophorone	ND		10	0.80	ug/L		11/06/24 10:49	11/07/24 04:39	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		11/06/24 10:49	11/07/24 04:39	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		11/06/24 10:49	11/07/24 04:39	1
Naphthalene	ND		2.0	0.54	ug/L		11/06/24 10:49	11/07/24 04:39	1
Nitrobenzene	ND		1.0	0.57	ug/L		11/06/24 10:49	11/07/24 04:39	1
Pentachlorophenol	ND		20	1.4	ug/L		11/06/24 10:49	11/07/24 04:39	1
Phenanthrene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 04:39	1
Phenol	ND		10	0.29	ug/L		11/06/24 10:49	11/07/24 04:39	1

Client Sample ID: SW-01_20241101

Lab Sample ID: 410-192708-98

Date Collected: 11/01/24 10:05
Date Received: 11/01/24 16:25

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		10	1.6	ug/L		11/06/24 10:49	11/07/24 04:39	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		11/06/24 10:49	11/07/24 04:39	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		11/06/24 10:49	11/07/24 04:39	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 04:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*11/06/24 10:49*	*11/07/24 04:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*113*		*37 - 150*	*11/06/24 10:49*	*11/07/24 04:39*	*1*
2-Fluorophenol (Surr)	*53*		*16 - 80*	*11/06/24 10:49*	*11/07/24 04:39*	*1*
Nitrobenzene-d5 (Surr)	*122*		*51 - 145*	*11/06/24 10:49*	*11/07/24 04:39*	*1*
Phenol-d5 (Surr)	*34*		*10 - 56*	*11/06/24 10:49*	*11/07/24 04:39*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**22000**		25	12	ug/L		11/08/24 07:00	11/15/24 12:32	1
Antimony	**6.1**		1.0	0.20	ug/L		11/08/24 07:00	11/15/24 12:32	1
Arsenic	**42**		2.0	0.68	ug/L		11/08/24 07:00	11/15/24 12:32	1
Barium	**510**		2.0	0.75	ug/L		11/08/24 07:00	11/15/24 12:32	1
Beryllium	**4.1**		0.50	0.12	ug/L		11/08/24 07:00	11/24/24 09:54	1
Cadmium	**13**		0.50	0.15	ug/L		11/08/24 07:00	11/15/24 12:32	1
Chromium	**310**		2.0	0.55	ug/L		11/08/24 07:00	11/15/24 12:32	1
Cobalt	**28**		0.50	0.16	ug/L		11/08/24 07:00	11/15/24 12:32	1
Copper	**180**		1.0	0.36	ug/L		11/08/24 07:00	11/15/24 12:32	1
Lead	**440**		0.50	0.12	ug/L		11/08/24 07:00	11/15/24 12:32	1
Manganese	**1500**	**B**	2.0	0.95	ug/L		11/08/24 07:00	11/15/24 12:32	1
Nickel	**150**		1.0	0.40	ug/L		11/08/24 07:00	11/15/24 12:32	1
Silver	**0.28**	**J**	0.50	0.10	ug/L		11/08/24 07:00	11/15/24 12:32	1
Thallium	**0.20**	**J**	0.50	0.13	ug/L		11/08/24 07:00	11/15/24 12:32	1
Zinc	**1600**		10	4.0	ug/L		11/08/24 07:00	11/24/24 09:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:30	11/14/24 10:56	1

Client Sample ID: SW-02_20241101

Lab Sample ID: 410-192708-99

Date Collected: 11/01/24 10:50
Date Received: 11/01/24 16:25

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 05:00	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		11/06/24 10:49	11/07/24 05:00	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		11/06/24 10:49	11/07/24 05:00	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		11/06/24 10:49	11/07/24 05:00	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 05:00	1
2,4-Dimethylphenol	ND	*+	10	0.62	ug/L		11/06/24 10:49	11/07/24 05:00	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		11/06/24 10:49	11/07/24 05:00	1

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SW-02_20241101
Date Collected: 11/01/24 10:50
Date Received: 11/01/24 16:25

Lab Sample ID: 410-192708-99
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		10	1.0	ug/L		11/06/24 10:49	11/07/24 05:00	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		11/06/24 10:49	11/07/24 05:00	1
2-Chloronaphthalene	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 05:00	1
2-Chlorophenol	ND		10	0.38	ug/L		11/06/24 10:49	11/07/24 05:00	1
2-Methylnaphthalene	ND		10	0.53	ug/L		11/06/24 10:49	11/07/24 05:00	1
2-Methylphenol	ND		10	0.67	ug/L		11/06/24 10:49	11/07/24 05:00	1
2-Nitroaniline	ND		10	0.47	ug/L		11/06/24 10:49	11/07/24 05:00	1
2-Nitrophenol	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 05:00	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		11/06/24 10:49	11/07/24 05:00	1
3-Nitroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 05:00	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		11/06/24 10:49	11/07/24 05:00	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 05:00	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		11/06/24 10:49	11/07/24 05:00	1
4-Chloroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 05:00	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 05:00	1
4-Methylphenol	ND		10	0.65	ug/L		11/06/24 10:49	11/07/24 05:00	1
4-Nitroaniline	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 05:00	1
4-Nitrophenol	ND		20	4.0	ug/L		11/06/24 10:49	11/07/24 05:00	1
Acenaphthene	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 05:00	1
Acenaphthylene	ND	*+	10	0.82	ug/L		11/06/24 10:49	11/07/24 05:00	1
Acetophenone	ND		10	2.3	ug/L		11/06/24 10:49	11/07/24 05:00	1
Anthracene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 05:00	1
Atrazine	ND	*+	2.0	1.3	ug/L		11/06/24 10:49	11/07/24 05:00	1
Benzaldehyde	ND		10	2.1	ug/L		11/06/24 10:49	11/07/24 05:00	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		11/06/24 10:49	11/07/24 05:00	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		11/06/24 10:49	11/07/24 05:00	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		11/06/24 10:49	11/07/24 05:00	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		11/06/24 10:49	11/07/24 05:00	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		11/06/24 10:49	11/07/24 05:00	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		11/06/24 10:49	11/07/24 05:00	1
Caprolactam	ND		10	2.2	ug/L		11/06/24 10:49	11/07/24 05:00	1
Carbazole	ND		10	0.68	ug/L		11/06/24 10:49	11/07/24 05:00	1
Chrysene	ND		2.0	0.91	ug/L		11/06/24 10:49	11/07/24 05:00	1
Di-n-butyl phthalate	**3.1**	**J**	10	0.84	ug/L		11/06/24 10:49	11/07/24 05:00	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 05:00	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		11/06/24 10:49	11/07/24 05:00	1
Dibenzofuran	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 05:00	1
Diethyl phthalate	ND		10	0.98	ug/L		11/06/24 10:49	11/07/24 05:00	1
Dimethyl phthalate	**1.4**	**J**	10	0.77	ug/L		11/06/24 10:49	11/07/24 05:00	1
Fluoranthene	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 05:00	1
Fluorene	ND		10	0.91	ug/L		11/06/24 10:49	11/07/24 05:00	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		11/06/24 10:49	11/07/24 05:00	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		11/06/24 10:49	11/07/24 05:00	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		11/06/24 10:49	11/07/24 05:00	1
Hexachloroethane	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 05:00	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		11/06/24 10:49	11/07/24 05:00	1
Isophorone	ND		10	0.80	ug/L		11/06/24 10:49	11/07/24 05:00	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		11/06/24 10:49	11/07/24 05:00	1

Client Sample ID: SW-02_20241101

Lab Sample ID: 410-192708-99

Date Collected: 11/01/24 10:50
Matrix: Water
Date Received: 11/01/24 16:25

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		11/06/24 10:49	11/07/24 05:00	1
Naphthalene	ND		2.0	0.54	ug/L		11/06/24 10:49	11/07/24 05:00	1
Nitrobenzene	ND		1.0	0.57	ug/L		11/06/24 10:49	11/07/24 05:00	1
Pentachlorophenol	ND		20	1.4	ug/L		11/06/24 10:49	11/07/24 05:00	1
Phenanthrene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 05:00	1
Phenol	ND		10	0.29	ug/L		11/06/24 10:49	11/07/24 05:00	1
Pyrene	ND		10	1.6	ug/L		11/06/24 10:49	11/07/24 05:00	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		11/06/24 10:49	11/07/24 05:00	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		11/06/24 10:49	11/07/24 05:00	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 05:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*11/06/24 10:49*	*11/07/24 05:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*37 - 150*	*11/06/24 10:49*	*11/07/24 05:00*	*1*
2-Fluorophenol (Surr)	*47*		*16 - 80*	*11/06/24 10:49*	*11/07/24 05:00*	*1*
Nitrobenzene-d5 (Surr)	*113*		*51 - 145*	*11/06/24 10:49*	*11/07/24 05:00*	*1*
Phenol-d5 (Surr)	*30*		*10 - 56*	*11/06/24 10:49*	*11/07/24 05:00*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3400**		25	12	ug/L		11/08/24 07:00	11/15/24 12:24	1
Antimony	**0.82**	**J**	1.0	0.20	ug/L		11/08/24 07:00	11/15/24 12:24	1
Arsenic	**6.2**		2.0	0.68	ug/L		11/08/24 07:00	11/15/24 12:24	1
Barium	**74**		2.0	0.75	ug/L		11/08/24 07:00	11/15/24 12:24	1
Beryllium	**0.46**	**J**	0.50	0.12	ug/L		11/08/24 07:00	11/24/24 09:39	1
Cadmium	**0.97**		0.50	0.15	ug/L		11/08/24 07:00	11/15/24 12:24	1
Chromium	**43**		2.0	0.55	ug/L		11/08/24 07:00	11/15/24 12:24	1
Cobalt	**3.2**		0.50	0.16	ug/L		11/08/24 07:00	11/15/24 12:24	1
Copper	**11**		1.0	0.36	ug/L		11/08/24 07:00	11/15/24 12:24	1
Lead	**38**		0.50	0.12	ug/L		11/08/24 07:00	11/15/24 12:24	1
Manganese	**340**	**B**	2.0	0.95	ug/L		11/08/24 07:00	11/15/24 12:24	1
Nickel	**14**		1.0	0.40	ug/L		11/08/24 07:00	11/15/24 12:24	1
Silver	ND		0.50	0.10	ug/L		11/08/24 07:00	11/15/24 12:24	1
Thallium	ND		0.50	0.13	ug/L		11/08/24 07:00	11/15/24 12:24	1
Zinc	**110**		10	4.0	ug/L		11/08/24 07:00	11/15/24 12:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.089**	**J**	0.20	0.079	ug/L		11/12/24 07:30	11/14/24 10:54	1

Client Sample ID: EB-02_20241101

Lab Sample ID: 410-192708-100

Date Collected: 11/01/24 09:00
Matrix: Water
Date Received: 11/01/24 16:25

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 03:57	1

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: EB-02_20241101
Date Collected: 11/01/24 09:00
Date Received: 11/01/24 16:25

Lab Sample ID: 410-192708-100
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		11/06/24 10:49	11/07/24 03:57	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		11/06/24 10:49	11/07/24 03:57	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		11/06/24 10:49	11/07/24 03:57	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 03:57	1
2,4-Dimethylphenol	ND	*+	10	0.62	ug/L		11/06/24 10:49	11/07/24 03:57	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		11/06/24 10:49	11/07/24 03:57	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		11/06/24 10:49	11/07/24 03:57	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		11/06/24 10:49	11/07/24 03:57	1
2-Chloronaphthalene	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 03:57	1
2-Chlorophenol	ND		10	0.38	ug/L		11/06/24 10:49	11/07/24 03:57	1
2-Methylnaphthalene	ND		10	0.53	ug/L		11/06/24 10:49	11/07/24 03:57	1
2-Methylphenol	ND		10	0.67	ug/L		11/06/24 10:49	11/07/24 03:57	1
2-Nitroaniline	ND		10	0.47	ug/L		11/06/24 10:49	11/07/24 03:57	1
2-Nitrophenol	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 03:57	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		11/06/24 10:49	11/07/24 03:57	1
3-Nitroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 03:57	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		11/06/24 10:49	11/07/24 03:57	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 03:57	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		11/06/24 10:49	11/07/24 03:57	1
4-Chloroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 03:57	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 03:57	1
4-Methylphenol	ND		10	0.65	ug/L		11/06/24 10:49	11/07/24 03:57	1
4-Nitroaniline	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 03:57	1
4-Nitrophenol	ND		20	4.0	ug/L		11/06/24 10:49	11/07/24 03:57	1
Acenaphthene	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 03:57	1
Acenaphthylene	ND	*+	10	0.82	ug/L		11/06/24 10:49	11/07/24 03:57	1
Acetophenone	ND		10	2.3	ug/L		11/06/24 10:49	11/07/24 03:57	1
Anthracene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 03:57	1
Atrazine	ND	*+	2.0	1.3	ug/L		11/06/24 10:49	11/07/24 03:57	1
Benzaldehyde	ND		10	2.1	ug/L		11/06/24 10:49	11/07/24 03:57	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		11/06/24 10:49	11/07/24 03:57	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		11/06/24 10:49	11/07/24 03:57	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		11/06/24 10:49	11/07/24 03:57	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		11/06/24 10:49	11/07/24 03:57	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		11/06/24 10:49	11/07/24 03:57	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		11/06/24 10:49	11/07/24 03:57	1
Caprolactam	ND		10	2.2	ug/L		11/06/24 10:49	11/07/24 03:57	1
Carbazole	ND		10	0.68	ug/L		11/06/24 10:49	11/07/24 03:57	1
Chrysene	ND		2.0	0.91	ug/L		11/06/24 10:49	11/07/24 03:57	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 03:57	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 03:57	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		11/06/24 10:49	11/07/24 03:57	1
Dibenzofuran	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 03:57	1
Diethyl phthalate	ND		10	0.98	ug/L		11/06/24 10:49	11/07/24 03:57	1
Dimethyl phthalate	ND		10	0.77	ug/L		11/06/24 10:49	11/07/24 03:57	1
Fluoranthene	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 03:57	1
Fluorene	ND		10	0.91	ug/L		11/06/24 10:49	11/07/24 03:57	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		11/06/24 10:49	11/07/24 03:57	1

Client Sample ID: EB-02_20241101

Lab Sample ID: 410-192708-100

Date Collected: 11/01/24 09:00
Matrix: Water
Date Received: 11/01/24 16:25

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		1.0	0.78	ug/L		11/06/24 10:49	11/07/24 03:57	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		11/06/24 10:49	11/07/24 03:57	1
Hexachloroethane	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 03:57	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		11/06/24 10:49	11/07/24 03:57	1
Isophorone	ND		10	0.80	ug/L		11/06/24 10:49	11/07/24 03:57	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		11/06/24 10:49	11/07/24 03:57	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		11/06/24 10:49	11/07/24 03:57	1
Naphthalene	ND		2.0	0.54	ug/L		11/06/24 10:49	11/07/24 03:57	1
Nitrobenzene	ND		1.0	0.57	ug/L		11/06/24 10:49	11/07/24 03:57	1
Pentachlorophenol	ND		20	1.4	ug/L		11/06/24 10:49	11/07/24 03:57	1
Phenanthrene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 03:57	1
Phenol	ND		10	0.29	ug/L		11/06/24 10:49	11/07/24 03:57	1
Pyrene	ND		10	1.6	ug/L		11/06/24 10:49	11/07/24 03:57	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		11/06/24 10:49	11/07/24 03:57	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		11/06/24 10:49	11/07/24 03:57	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 03:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*11/06/24 10:49*	*11/07/24 03:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*104*		*37 - 150*	*11/06/24 10:49*	*11/07/24 03:57*	*1*
2-Fluorophenol (Surr)	*49*		*16 - 80*	*11/06/24 10:49*	*11/07/24 03:57*	*1*
Nitrobenzene-d5 (Surr)	*111*		*51 - 145*	*11/06/24 10:49*	*11/07/24 03:57*	*1*
Phenol-d5 (Surr)	*32*		*10 - 56*	*11/06/24 10:49*	*11/07/24 03:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.51	0.10	ug/L		11/08/24 08:00	11/08/24 19:54	1
PCB-1221 (1C)	ND		0.51	0.10	ug/L		11/08/24 08:00	11/08/24 19:54	1
PCB-1232 (1C)	ND		0.51	0.10	ug/L		11/08/24 08:00	11/08/24 19:54	1
PCB-1242 (1C)	ND		0.51	0.10	ug/L		11/08/24 08:00	11/08/24 19:54	1
PCB-1248 (1C)	ND		0.51	0.080	ug/L		11/08/24 08:00	11/08/24 19:54	1
PCB-1254 (1C)	ND		0.51	0.080	ug/L		11/08/24 08:00	11/08/24 19:54	1
PCB-1260 (1C)	ND		0.51	0.080	ug/L		11/08/24 08:00	11/08/24 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*50*		*10 - 148*	*11/08/24 08:00*	*11/08/24 19:54*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*54*		*10 - 148*	*11/08/24 08:00*	*11/08/24 19:54*	*1*
Tetrachloro-m-xylene (1C)	*76*		*33 - 137*	*11/08/24 08:00*	*11/08/24 19:54*	*1*
Tetrachloro-m-xylene (2C)	*74*		*33 - 137*	*11/08/24 08:00*	*11/08/24 19:54*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15**	**J**	25	12	ug/L		11/08/24 07:00	11/15/24 12:38	1
Antimony	ND		1.0	0.20	ug/L		11/08/24 07:00	11/15/24 12:38	1
Arsenic	ND		2.0	0.68	ug/L		11/08/24 07:00	11/15/24 12:38	1
Barium	ND		2.0	0.75	ug/L		11/08/24 07:00	11/15/24 12:38	1
Beryllium	ND		0.50	0.12	ug/L		11/08/24 07:00	11/24/24 10:02	1
Cadmium	ND		0.50	0.15	ug/L		11/08/24 07:00	11/15/24 12:38	1

Client Sample ID: EB-02_20241101

Lab Sample ID: 410-192708-100
Date Collected: 11/01/24 09:00
Matrix: Water
Date Received: 11/01/24 16:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		2.0	0.55	ug/L		11/08/24 07:00	11/15/24 12:38	1
Cobalt	ND		0.50	0.16	ug/L		11/08/24 07:00	11/15/24 12:38	1
Copper	ND		1.0	0.36	ug/L		11/08/24 07:00	11/15/24 12:38	1
Lead	ND		0.50	0.12	ug/L		11/08/24 07:00	11/15/24 12:38	1
Manganese	ND		2.0	0.95	ug/L		11/08/24 07:00	11/15/24 12:38	1
Nickel	ND		1.0	0.40	ug/L		11/08/24 07:00	11/15/24 12:38	1
Silver	ND		0.50	0.10	ug/L		11/08/24 07:00	11/15/24 12:38	1
Thallium	ND		0.50	0.13	ug/L		11/08/24 07:00	11/15/24 12:38	1
Zinc	**18**		10	4.0	ug/L		11/08/24 07:00	11/15/24 12:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:30	11/14/24 10:58	1

Client Sample ID: FB-06_20241101

Lab Sample ID: 410-192708-101
Date Collected: 11/01/24 09:10
Matrix: Water
Date Received: 11/01/24 16:25

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)
Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 04:18	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		11/06/24 10:49	11/07/24 04:18	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		11/06/24 10:49	11/07/24 04:18	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		11/06/24 10:49	11/07/24 04:18	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 04:18	1
2,4-Dimethylphenol	ND	*+	10	0.62	ug/L		11/06/24 10:49	11/07/24 04:18	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		11/06/24 10:49	11/07/24 04:18	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		11/06/24 10:49	11/07/24 04:18	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		11/06/24 10:49	11/07/24 04:18	1
2-Chloronaphthalene	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 04:18	1
2-Chlorophenol	ND		10	0.38	ug/L		11/06/24 10:49	11/07/24 04:18	1
2-Methylnaphthalene	ND		10	0.53	ug/L		11/06/24 10:49	11/07/24 04:18	1
2-Methylphenol	ND		10	0.67	ug/L		11/06/24 10:49	11/07/24 04:18	1
2-Nitroaniline	ND		10	0.47	ug/L		11/06/24 10:49	11/07/24 04:18	1
2-Nitrophenol	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 04:18	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		11/06/24 10:49	11/07/24 04:18	1
3-Nitroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 04:18	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		11/06/24 10:49	11/07/24 04:18	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 04:18	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		11/06/24 10:49	11/07/24 04:18	1
4-Chloroaniline	ND		10	1.9	ug/L		11/06/24 10:49	11/07/24 04:18	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 04:18	1
4-Methylphenol	ND		10	0.65	ug/L		11/06/24 10:49	11/07/24 04:18	1
4-Nitroaniline	ND		10	1.2	ug/L		11/06/24 10:49	11/07/24 04:18	1
4-Nitrophenol	ND		20	4.0	ug/L		11/06/24 10:49	11/07/24 04:18	1
Acenaphthene	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 04:18	1
Acenaphthylene	ND	*+	10	0.82	ug/L		11/06/24 10:49	11/07/24 04:18	1
Acetophenone	ND		10	2.3	ug/L		11/06/24 10:49	11/07/24 04:18	1
Anthracene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 04:18	1

Client Sample ID: FB-06_20241101

Lab Sample ID: 410-192708-101

Date Collected: 11/01/24 09:10
Matrix: Water
Date Received: 11/01/24 16:25

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

Lab: Eurofins Edison

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND	*+	2.0	1.3	ug/L		11/06/24 10:49	11/07/24 04:18	1
Benzaldehyde	ND		10	2.1	ug/L		11/06/24 10:49	11/07/24 04:18	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		11/06/24 10:49	11/07/24 04:18	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		11/06/24 10:49	11/07/24 04:18	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		11/06/24 10:49	11/07/24 04:18	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		11/06/24 10:49	11/07/24 04:18	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		11/06/24 10:49	11/07/24 04:18	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		11/06/24 10:49	11/07/24 04:18	1
Caprolactam	ND		10	2.2	ug/L		11/06/24 10:49	11/07/24 04:18	1
Carbazole	ND		10	0.68	ug/L		11/06/24 10:49	11/07/24 04:18	1
Chrysene	ND		2.0	0.91	ug/L		11/06/24 10:49	11/07/24 04:18	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 04:18	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		11/06/24 10:49	11/07/24 04:18	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		11/06/24 10:49	11/07/24 04:18	1
Dibenzofuran	ND		10	1.1	ug/L		11/06/24 10:49	11/07/24 04:18	1
Diethyl phthalate	ND		10	0.98	ug/L		11/06/24 10:49	11/07/24 04:18	1
Dimethyl phthalate	ND		10	0.77	ug/L		11/06/24 10:49	11/07/24 04:18	1
Fluoranthene	ND		10	0.84	ug/L		11/06/24 10:49	11/07/24 04:18	1
Fluorene	ND		10	0.91	ug/L		11/06/24 10:49	11/07/24 04:18	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		11/06/24 10:49	11/07/24 04:18	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		11/06/24 10:49	11/07/24 04:18	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		11/06/24 10:49	11/07/24 04:18	1
Hexachloroethane	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 04:18	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		11/06/24 10:49	11/07/24 04:18	1
Isophorone	ND		10	0.80	ug/L		11/06/24 10:49	11/07/24 04:18	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		11/06/24 10:49	11/07/24 04:18	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		11/06/24 10:49	11/07/24 04:18	1
Naphthalene	ND		2.0	0.54	ug/L		11/06/24 10:49	11/07/24 04:18	1
Nitrobenzene	ND		1.0	0.57	ug/L		11/06/24 10:49	11/07/24 04:18	1
Pentachlorophenol	ND		20	1.4	ug/L		11/06/24 10:49	11/07/24 04:18	1
Phenanthrene	ND		10	1.3	ug/L		11/06/24 10:49	11/07/24 04:18	1
Phenol	ND		10	0.29	ug/L		11/06/24 10:49	11/07/24 04:18	1
Pyrene	ND		10	1.6	ug/L		11/06/24 10:49	11/07/24 04:18	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		11/06/24 10:49	11/07/24 04:18	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		11/06/24 10:49	11/07/24 04:18	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		11/06/24 10:49	11/07/24 04:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*11/06/24 10:49*	*11/07/24 04:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*125*		*37 - 150*	*11/06/24 10:49*	*11/07/24 04:18*	*1*
2-Fluorophenol (Surr)	*55*		*16 - 80*	*11/06/24 10:49*	*11/07/24 04:18*	*1*
Nitrobenzene-d5 (Surr)	*126*		*51 - 145*	*11/06/24 10:49*	*11/07/24 04:18*	*1*
Phenol-d5 (Surr)	*35*		*10 - 56*	*11/06/24 10:49*	*11/07/24 04:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.50	0.10	ug/L		11/08/24 08:00	11/08/24 20:05	1

Client Sample ID: FB-06_20241101

Lab Sample ID: 410-192708-101

Date Collected: 11/01/24 09:10
Matrix: Water
Date Received: 11/01/24 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221 (1C)	ND		0.50	0.10	ug/L		11/08/24 08:00	11/08/24 20:05	1
PCB-1232 (1C)	ND		0.50	0.10	ug/L		11/08/24 08:00	11/08/24 20:05	1
PCB-1242 (1C)	ND		0.50	0.10	ug/L		11/08/24 08:00	11/08/24 20:05	1
PCB-1248 (1C)	ND		0.50	0.078	ug/L		11/08/24 08:00	11/08/24 20:05	1
PCB-1254 (1C)	ND		0.50	0.078	ug/L		11/08/24 08:00	11/08/24 20:05	1
PCB-1260 (1C)	ND		0.50	0.078	ug/L		11/08/24 08:00	11/08/24 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*66*		*10 - 148*	*11/08/24 08:00*	*11/08/24 20:05*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*71*		*10 - 148*	*11/08/24 08:00*	*11/08/24 20:05*	*1*
Tetrachloro-m-xylene (1C)	*73*		*33 - 137*	*11/08/24 08:00*	*11/08/24 20:05*	*1*
Tetrachloro-m-xylene (2C)	*72*		*33 - 137*	*11/08/24 08:00*	*11/08/24 20:05*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13**	**J**	25	12	ug/L		11/08/24 07:00	11/15/24 12:28	1
Antimony	ND		1.0	0.20	ug/L		11/08/24 07:00	11/15/24 12:28	1
Arsenic	ND		2.0	0.68	ug/L		11/08/24 07:00	11/15/24 12:28	1
Barium	ND		2.0	0.75	ug/L		11/08/24 07:00	11/15/24 12:28	1
Beryllium	ND		0.50	0.12	ug/L		11/08/24 07:00	11/24/24 09:50	1
Cadmium	ND		0.50	0.15	ug/L		11/08/24 07:00	11/15/24 12:28	1
Chromium	ND		2.0	0.55	ug/L		11/08/24 07:00	11/15/24 12:28	1
Cobalt	ND		0.50	0.16	ug/L		11/08/24 07:00	11/15/24 12:28	1
Copper	**0.77**	**J**	1.0	0.36	ug/L		11/08/24 07:00	11/15/24 12:28	1
Lead	ND		0.50	0.12	ug/L		11/08/24 07:00	11/15/24 12:28	1
Manganese	ND		2.0	0.95	ug/L		11/08/24 07:00	11/15/24 12:28	1
Nickel	ND		1.0	0.40	ug/L		11/08/24 07:00	11/15/24 12:28	1
Silver	ND		0.50	0.10	ug/L		11/08/24 07:00	11/15/24 12:28	1
Thallium	ND		0.50	0.13	ug/L		11/08/24 07:00	11/15/24 12:28	1
Zinc	ND		10	4.0	ug/L		11/08/24 07:00	11/15/24 12:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:30	11/14/24 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310 C-2014)	ND		1.0	0.50	mg/L			11/06/24 07:26	1

Client Sample ID: SED-04_0-1_20241104

Lab Sample ID: 410-192708-102

Date Collected: 11/04/24 10:15
Matrix: Solid
Date Received: 11/04/24 15:20
Percent Solids: 51.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2,2'-oxybis[1-chloropropane]	ND		83	39	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2,4,5-Trichlorophenol	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2,4,6-Trichlorophenol	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2,4-Dichlorophenol	ND		83	39	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1

Client Sample ID: SED-04_0-1_20241104

Lab Sample ID: 410-192708-102

Date Collected: 11/04/24 10:15
Date Received: 11/04/24 15:20

Matrix: Solid
Percent Solids: 51.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2,4-Dinitrophenol	ND	cn	1900	810	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2,4-Dinitrotoluene	ND		320	64	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2,6-Dinitrotoluene	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2-Chloronaphthalene	ND		64	26	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2-Chlorophenol	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2-Methylnaphthalene	ND		32	9.6	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2-Methylphenol	ND		96	39	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2-Nitroaniline	ND		96	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
2-Nitrophenol	ND		96	39	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
3,3'-Dichlorobenzidine	ND		640	320	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
3-Nitroaniline	ND		320	64	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
4,6-Dinitro-2-methylphenol	ND		960	320	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
4-Bromophenyl phenyl ether	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
4-Chloro-3-methylphenol	ND		96	39	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
4-Chloroaniline	ND		320	64	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
4-Chlorophenyl phenyl ether	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
4-Methylphenol	ND		96	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
4-Nitroaniline	ND		320	64	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
4-Nitrophenol	ND	cn	960	320	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Acenaphthene	**9.1**	**J**	32	6.4	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Acenaphthylene	**11**	**J**	32	7.7	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Acetophenone	ND		96	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Anthracene	**28**	**J**	32	6.4	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Atrazine	ND		320	130	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Benzaldehyde	ND		320	64	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Benzo[a]anthracene	**200**		32	6.4	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Benzo[a]pyrene	**350**		32	6.4	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Benzo[b]fluoranthene	**570**		32	6.4	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Benzo[g,h,i]perylene	**310**		32	6.4	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Benzo[k]fluoranthene	**200**		32	6.4	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Bis(2-chloroethoxy)methane	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Bis(2-chloroethyl)ether	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Bis(2-ethylhexyl) phthalate	ND		320	130	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Butyl benzyl phthalate	ND		320	130	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Caprolactam	ND		320	64	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Carbazole	**32**	**J**	71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Chrysene	**380**		32	6.4	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Di-n-butyl phthalate	ND		320	130	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Di-n-octyl phthalate	ND		320	130	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Dibenz(a,h)anthracene	**72**		32	13	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Dibenzofuran	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Diethyl phthalate	ND		320	130	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Dimethyl phthalate	ND		320	130	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Fluoranthene	**520**		32	6.4	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Fluorene	**9.3**	**J**	32	6.4	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Hexachlorobenzene	ND		64	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Hexachlorobutadiene	ND		96	39	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Hexachlorocyclopentadiene	ND	cn	960	320	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1

Client Sample ID: SED-04_0-1_20241104

Date Collected: 11/04/24 10:15
Date Received: 11/04/24 15:20

Lab Sample ID: 410-192708-102

Matrix: Solid
Percent Solids: 51.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		320	64	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Indeno[1,2,3-cd]pyrene	**240**		32	7.7	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Isophorone	ND		130	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
N-Nitrosodi-n-propylamine	ND		130	64	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
N-Nitrosodiphenylamine	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Naphthalene	**14**	**J**	32	13	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Nitrobenzene	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Pentachlorophenol	ND	cn	320	130	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Phenanthrene	**190**		32	7.7	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Phenol	ND		71	32	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1
Pyrene	**510**		32	6.4	ug/Kg	☼	11/18/24 18:20	11/20/24 07:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1900*	*T J B*	*ug/Kg*	☼	*3.30*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
3-Ethyl-2-[2-(3-ethyl-5-oxo-2-thioxo-4-thiazolidinylidene)et	*1200*	*T J N*	*ug/Kg*	☼	*12.44*	*1000223-37-4*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*380*	*T J*	*ug/Kg*	☼	*12.73*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Benzo[e]pyrene	*410*	*T J N*	*ug/Kg*	☼	*13.12*	*192-97-2*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Nonadecane	*620*	*T J N*	*ug/Kg*	☼	*13.73*	*629-92-5*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*360*	*T J*	*ug/Kg*	☼	*13.80*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Vitamin e	*460*	*T J N*	*ug/Kg*	☼	*13.87*	*10191-41-0*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*630*	*T J*	*ug/Kg*	☼	*13.90*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*260*	*T J*	*ug/Kg*	☼	*14.00*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*770*	*T J*	*ug/Kg*	☼	*14.05*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*350*	*T J*	*ug/Kg*	☼	*14.12*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*650*	*T J*	*ug/Kg*	☼	*14.14*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*320*	*T J*	*ug/Kg*	☼	*14.30*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*450*	*T J*	*ug/Kg*	☼	*14.34*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*860*	*T J*	*ug/Kg*	☼	*14.39*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*370*	*T J*	*ug/Kg*	☼	*14.57*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*280*	*T J*	*ug/Kg*	☼	*14.62*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Unknown	*440*	*T J*	*ug/Kg*	☼	*14.83*	*N/A*	*11/18/24 18:20*	*11/20/24 07:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*29 - 120*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
2-Fluorophenol (Surr)	*82*		*18 - 120*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Nitrobenzene-d5 (Surr)	*80*		*22 - 120*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
p-Terphenyl-d14 (Surr)	*88*		*36 - 123*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*13 - 127*	*11/18/24 18:20*	*11/20/24 07:11*	*1*
Phenol-d5 (Surr)	*80*		*20 - 120*	*11/18/24 18:20*	*11/20/24 07:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND	cn	33	10	ug/Kg	☼	11/13/24 10:52	11/14/24 15:52	1
PCB-1221 (1C)	ND	cn	33	10	ug/Kg	☼	11/13/24 10:52	11/14/24 15:52	1
PCB-1232 (1C)	ND	cn	33	10	ug/Kg	☼	11/13/24 10:52	11/14/24 15:52	1
PCB-1242 (1C)	ND	cn	33	10	ug/Kg	☼	11/13/24 10:52	11/14/24 15:52	1
PCB-1248 (1C)	ND	cn	33	10	ug/Kg	☼	11/13/24 10:52	11/14/24 15:52	1
PCB-1254 (1C)	ND	cn	33	12	ug/Kg	☼	11/13/24 10:52	11/14/24 15:52	1
PCB-1260 (1C)	ND	cn	33	12	ug/Kg	☼	11/13/24 10:52	11/14/24 15:52	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SED-04_0-1_20241104

Lab Sample ID: 410-192708-102
Date Collected: 11/04/24 10:15
Matrix: Solid
Date Received: 11/04/24 15:20
Percent Solids: 51.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*73*	*cn*	*66 - 130*	*11/13/24 10:52*	*11/14/24 15:52*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*88*	*cn*	*66 - 130*	*11/13/24 10:52*	*11/14/24 15:52*	*1*
Tetrachloro-m-xylene (1C)	*89*	*cn*	*68 - 130*	*11/13/24 10:52*	*11/14/24 15:52*	*1*
Tetrachloro-m-xylene (2C)	*88*	*cn*	*68 - 130*	*11/13/24 10:52*	*11/14/24 15:52*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9000**	**^2**	33	16	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Antimony	**1.0**		0.33	0.13	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Arsenic	**13**		0.65	0.22	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Barium	**51**	**^2**	0.65	0.30	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Beryllium	**1.2**	**B ^2**	0.16	0.039	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Cadmium	**1.1**		0.16	0.065	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Chromium	**120**	**^2**	0.65	0.31	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Cobalt	**5.2**	**^2**	0.33	0.13	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Copper	**19**	**^2**	0.65	0.29	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Lead	**41**	**^2**	0.33	0.12	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Manganese	**200**	**^2**	0.65	0.33	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Nickel	**23**	**^2**	0.65	0.31	mg/Kg	☼	11/08/24 20:00	11/18/24 08:27	2
Silver	**0.067**	**J**	0.16	0.066	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Thallium	ND		0.16	0.064	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2
Zinc	**180**		49	6.5	mg/Kg	☼	11/08/24 20:00	11/15/24 14:20	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.054**	**J**	0.11	0.037	mg/Kg	☼	11/11/24 23:50	11/14/24 06:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA Lloyd Kahn)	**29000**		580	190	mg/Kg	☼		11/14/24 16:05	1
Percent Moisture (EPA Moisture)	**48.1**		1.0	1.0	%			11/06/24 12:43	1

Client Sample ID: SED-05_0-1_20241104

Lab Sample ID: 410-192708-103
Date Collected: 11/04/24 10:00
Matrix: Solid
Date Received: 11/04/24 15:20
Percent Solids: 68.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2,2'-oxybis[1-chloropropane]	ND	cn	63	29	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2,4,5-Trichlorophenol	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2,4,6-Trichlorophenol	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2,4-Dichlorophenol	ND		63	29	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2,4-Dimethylphenol	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2,4-Dinitrophenol	ND		1500	610	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2,4-Dinitrotoluene	ND		240	48	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2,6-Dinitrotoluene	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2-Chloronaphthalene	ND		48	19	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2-Chlorophenol	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2-Methylnaphthalene	**8.2**	**J**	24	7.2	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1

Client Sample ID: SED-05_0-1_20241104

Lab Sample ID: 410-192708-103

Date Collected: 11/04/24 10:00
Date Received: 11/04/24 15:20

Matrix: Solid
Percent Solids: 68.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		73	29	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2-Nitroaniline	ND		73	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
2-Nitrophenol	ND		73	29	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
3,3'-Dichlorobenzidine	ND		480	240	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
3-Nitroaniline	ND		240	48	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
4,6-Dinitro-2-methylphenol	ND		730	240	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
4-Bromophenyl phenyl ether	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
4-Chloro-3-methylphenol	ND		73	29	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
4-Chloroaniline	ND		240	48	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
4-Chlorophenyl phenyl ether	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
4-Methylphenol	ND		73	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
4-Nitroaniline	ND		240	48	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
4-Nitrophenol	ND		730	240	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Acenaphthene	**5.7**	**J**	24	4.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Acenaphthylene	**14**	**J**	24	5.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Acetophenone	ND		73	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Anthracene	**25**		24	4.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Atrazine	ND		240	97	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Benzaldehyde	ND		240	48	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Benzo[a]anthracene	**150**		24	4.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Benzo[a]pyrene	**200**		24	4.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Benzo[b]fluoranthene	**260**		24	4.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Benzo[g,h,i]perylene	**180**		24	4.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Benzo[k]fluoranthene	**90**		24	4.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Bis(2-chloroethoxy)methane	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Bis(2-chloroethyl)ether	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Bis(2-ethylhexyl) phthalate	ND		240	97	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Butyl benzyl phthalate	ND		240	97	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Caprolactam	ND		240	48	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Carbazole	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Chrysene	**190**		24	4.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Di-n-butyl phthalate	ND		240	97	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Di-n-octyl phthalate	ND		240	97	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Dibenz(a,h)anthracene	**40**		24	9.7	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Dibenzofuran	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Diethyl phthalate	ND		240	97	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Dimethyl phthalate	ND		240	97	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Fluoranthene	**290**		24	4.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Fluorene	**8.5**	**J**	24	4.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Hexachlorobenzene	ND		48	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Hexachlorobutadiene	ND		73	29	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Hexachlorocyclopentadiene	ND		730	240	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Hexachloroethane	ND		240	48	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Indeno[1,2,3-cd]pyrene	**150**		24	5.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Isophorone	ND		97	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
N-Nitrosodi-n-propylamine	ND		97	48	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
N-Nitrosodiphenylamine	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Naphthalene	**14**	**J**	24	9.7	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Nitrobenzene	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1

Client Sample ID: SED-05_0-1_20241104

Date Collected: 11/04/24 10:00
Date Received: 11/04/24 15:20

Lab Sample ID: 410-192708-103

Matrix: Solid
Percent Solids: 68.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		240	97	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Phenanthrene	**130**		24	5.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Phenol	ND		53	24	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1
Pyrene	**270**		24	4.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1200*	*T J B*	*ug/Kg*	☼	*3.60*	*N/A*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
9-Hexadecenoic acid, methyl ester, (Z)-	*410*	*T J N*	*ug/Kg*	☼	*10.19*	*1120-25-8*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Unknown	*410*	*T J*	*ug/Kg*	☼	*10.98*	*N/A*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Nonadecane	*310*	*T J N*	*ug/Kg*	☼	*12.07*	*629-92-5*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Heptadecane	*250*	*T J N*	*ug/Kg*	☼	*12.09*	*629-78-7*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
17-Pentatriacontene	*5300*	*T J N*	*ug/Kg*	☼	*12.37*	*6971-40-0*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
1-Eicosanol	*4800*	*T J N*	*ug/Kg*	☼	*12.40*	*629-96-9*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Unknown	*950*	*T J*	*ug/Kg*	☼	*12.57*	*N/A*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Unknown	*220*	*T J*	*ug/Kg*	☼	*12.77*	*N/A*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Cyclodocosane, ethyl-	*320*	*T J N*	*ug/Kg*	☼	*12.87*	*1000151-22-6*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Heneicosanoic acid	*220*	*T J N*	*ug/Kg*	☼	*13.10*	*2363-71-5*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Unknown	*1500*	*T J*	*ug/Kg*	☼	*13.48*	*N/A*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
1-Octadecanethiol	*710*	*T J N*	*ug/Kg*	☼	*13.53*	*2885-00-9*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Unknown	*590*	*T J*	*ug/Kg*	☼	*13.71*	*N/A*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Unknown	*220*	*T J*	*ug/Kg*	☼	*13.79*	*N/A*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
1-Docosanol	*250*	*T J N*	*ug/Kg*	☼	*14.19*	*661-19-8*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Unknown	*460*	*T J*	*ug/Kg*	☼	*14.49*	*N/A*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Unknown	*1200*	*T J*	*ug/Kg*	☼	*14.60*	*N/A*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
.beta.-Sitosterol	*570*	*T J N*	*ug/Kg*	☼	*15.10*	*83-46-5*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Unknown	*410*	*T J*	*ug/Kg*	☼	*15.43*	*N/A*	*11/18/24 18:20*	*11/20/24 18:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*29 - 120*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
2-Fluorophenol (Surr)	*83*		*18 - 120*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Nitrobenzene-d5 (Surr)	*81*		*22 - 120*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
p-Terphenyl-d14 (Surr)	*91*		*36 - 123*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*13 - 127*	*11/18/24 18:20*	*11/20/24 18:25*	*1*
Phenol-d5 (Surr)	*81*		*20 - 120*	*11/18/24 18:20*	*11/20/24 18:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND	cn	25	7.7	ug/Kg	☼	11/13/24 10:52	11/14/24 16:04	1
PCB-1221 (1C)	ND	cn	25	7.7	ug/Kg	☼	11/13/24 10:52	11/14/24 16:04	1
PCB-1232 (1C)	ND	cn	25	7.7	ug/Kg	☼	11/13/24 10:52	11/14/24 16:04	1
PCB-1242 (1C)	ND	cn	25	7.7	ug/Kg	☼	11/13/24 10:52	11/14/24 16:04	1
PCB-1248 (1C)	**16**	**J cn**	25	7.7	ug/Kg	☼	11/13/24 10:52	11/14/24 16:04	1
PCB-1254 (1C)	ND	cn	25	9.3	ug/Kg	☼	11/13/24 10:52	11/14/24 16:04	1
PCB-1260 (1C)	ND	cn	25	9.3	ug/Kg	☼	11/13/24 10:52	11/14/24 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*69*	*cn*	*66 - 130*	*11/13/24 10:52*	*11/14/24 16:04*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*82*	*cn*	*66 - 130*	*11/13/24 10:52*	*11/14/24 16:04*	*1*
Tetrachloro-m-xylene (1C)	*84*	*cn*	*68 - 130*	*11/13/24 10:52*	*11/14/24 16:04*	*1*

Client Sample ID: SED-05_0-1_20241104

Lab Sample ID: 410-192708-103

Date Collected: 11/04/24 10:00
Date Received: 11/04/24 15:20

Matrix: Solid
Percent Solids: 68.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (2C)	*80*	*cn*	*68 - 130*	*11/13/24 10:52*	*11/14/24 16:04*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5500**	**^2**	24	12	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Antimony	**0.47**		0.24	0.095	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Arsenic	**8.1**		0.47	0.16	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Barium	**23**	**^2**	0.47	0.22	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Beryllium	**0.83**	**B ^2**	0.12	0.028	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Cadmium	**0.35**		0.12	0.047	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Chromium	**80**	**^2**	0.47	0.23	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Cobalt	**2.7**	**^2**	0.24	0.095	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Copper	**6.1**	**^2**	0.47	0.21	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Lead	**25**	**^2**	0.24	0.090	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Manganese	**47**	**^2**	0.47	0.24	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Nickel	**13**	**^2**	0.47	0.23	mg/Kg	☼	11/08/24 20:00	11/18/24 08:25	2
Silver	ND		0.12	0.048	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Thallium	ND		0.12	0.047	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2
Zinc	**72**		36	4.7	mg/Kg	☼	11/08/24 20:00	11/15/24 14:16	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.039**	**J**	0.081	0.027	mg/Kg	☼	11/11/24 23:50	11/14/24 07:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA Lloyd Kahn)	**17000**		440	150	mg/Kg	☼		11/14/24 16:09	1
Percent Moisture (EPA Moisture)	**31.5**		1.0	1.0	%			11/06/24 12:43	1

Client Sample ID: SED-06_0-1_20241104

Lab Sample ID: 410-192708-104

Date Collected: 11/04/24 09:40
Date Received: 11/04/24 15:20

Matrix: Solid
Percent Solids: 63.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2,2'-oxybis[1-chloropropane]	ND	cn	68	31	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2,4,5-Trichlorophenol	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2,4,6-Trichlorophenol	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2,4-Dichlorophenol	ND		68	31	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2,4-Dimethylphenol	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2,4-Dinitrophenol	ND		1600	660	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2,4-Dinitrotoluene	ND		260	52	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2,6-Dinitrotoluene	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2-Chloronaphthalene	ND		52	21	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2-Chlorophenol	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2-Methylnaphthalene	**13**	**J**	26	7.8	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2-Methylphenol	ND		78	31	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
2-Nitroaniline	ND		78	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1

Client Sample ID: SED-06_0-1_20241104

Lab Sample ID: 410-192708-104

Date Collected: 11/04/24 09:40
Date Received: 11/04/24 15:20

Matrix: Solid
Percent Solids: 63.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		78	31	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
3,3'-Dichlorobenzidine	ND		520	260	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
3-Nitroaniline	ND		260	52	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
4,6-Dinitro-2-methylphenol	ND		780	260	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
4-Bromophenyl phenyl ether	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
4-Chloro-3-methylphenol	ND		78	31	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
4-Chloroaniline	ND		260	52	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
4-Chlorophenyl phenyl ether	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
4-Methylphenol	ND		78	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
4-Nitroaniline	ND		260	52	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
4-Nitrophenol	ND		780	260	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Acenaphthene	**15**	**J**	26	5.2	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Acenaphthylene	**33**		26	6.3	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Acetophenone	ND		78	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Anthracene	**53**		26	5.2	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Atrazine	ND		260	100	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Benzaldehyde	ND		260	52	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Benzo[a]anthracene	**220**		26	5.2	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Benzo[a]pyrene	**270**		26	5.2	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Benzo[b]fluoranthene	**300**		26	5.2	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Benzo[g,h,i]perylene	**200**		26	5.2	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Benzo[k]fluoranthene	**130**		26	5.2	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Bis(2-chloroethoxy)methane	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Bis(2-chloroethyl)ether	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Bis(2-ethylhexyl) phthalate	ND		260	100	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Butyl benzyl phthalate	ND		260	100	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Caprolactam	ND		260	52	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Carbazole	**27**	**J**	57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Chrysene	**240**		26	5.2	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Di-n-butyl phthalate	ND		260	100	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Di-n-octyl phthalate	ND		260	100	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Dibenz(a,h)anthracene	**54**		26	10	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Dibenzofuran	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Diethyl phthalate	ND		260	100	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Dimethyl phthalate	ND		260	100	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Fluoranthene	**370**		26	5.2	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Fluorene	**15**	**J**	26	5.2	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Hexachlorobenzene	ND		52	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Hexachlorobutadiene	ND		78	31	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Hexachlorocyclopentadiene	ND		780	260	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Hexachloroethane	ND		260	52	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Indeno[1,2,3-cd]pyrene	**160**		26	6.3	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Isophorone	ND		100	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
N-Nitrosodi-n-propylamine	ND		100	52	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
N-Nitrosodiphenylamine	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Naphthalene	**23**	**J**	26	10	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Nitrobenzene	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Pentachlorophenol	ND		260	100	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Phenanthrene	**180**		26	6.3	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SED-06_0-1_20241104

Date Collected: 11/04/24 09:40
Date Received: 11/04/24 15:20

Lab Sample ID: 410-192708-104

Matrix: Solid
Percent Solids: 63.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		57	26	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1
Pyrene	**370**		26	5.2	ug/Kg	☼	11/18/24 18:20	11/20/24 18:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*3.60*	*N/A*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-, (.+/-.)-	*950*	*T J N*	*ug/Kg*	☼	*4.56*	*2437-95-8*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Bicyclo[3.1.0]hexane, 4-methylene-1-(1-methylethyl)-	*330*	*T J N*	*ug/Kg*	☼	*4.91*	*3387-41-5*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (S)-	*280*	*T J N*	*ug/Kg*	☼	*5.38*	*5989-54-8*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Unknown	*220*	*T J*	*ug/Kg*	☼	*9.36*	*N/A*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
9,12,15-Octadecatrienoic acid, methyl ester, (Z,Z,Z)-	*340*	*T J N*	*ug/Kg*	☼	*10.16*	*301-00-8*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Z-7-Hexadecenoic acid	*1200*	*T J N*	*ug/Kg*	☼	*10.20*	*1000130-90-8*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
n-Hexadecanoic acid	*670*	*T J N*	*ug/Kg*	☼	*10.27*	*57-10-3*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
5,8,11,14,17-Eicosapentaenoic acid, methyl ester, (all-Z)-	*330*	*T J N*	*ug/Kg*	☼	*11.58*	*2734-47-6*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Unknown	*400*	*T J*	*ug/Kg*	☼	*11.66*	*N/A*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Unknown	*230*	*T J*	*ug/Kg*	☼	*11.82*	*N/A*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Unknown	*530*	*T J*	*ug/Kg*	☼	*12.00*	*N/A*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Unknown	*250*	*T J*	*ug/Kg*	☼	*12.15*	*N/A*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Cyclodocosane, ethyl-	*290*	*T J N*	*ug/Kg*	☼	*12.87*	*1000151-22-6*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Heneicosanoic acid	*210*	*T J N*	*ug/Kg*	☼	*13.10*	*2363-71-5*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
1-Heptadecene	*610*	*T J N*	*ug/Kg*	☼	*13.53*	*6765-39-5*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
20.Xi.-Lanosta-7,9(11)-diene-3.beta., 18,20-triol	*790*	*T J N*	*ug/Kg*	☼	*13.93*	*25116-58-9*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
9-Eicosene, (E)-	*520*	*T J N*	*ug/Kg*	☼	*14.19*	*74685-29-3*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Unknown	*340*	*T J*	*ug/Kg*	☼	*14.49*	*N/A*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Unknown	*300*	*T J*	*ug/Kg*	☼	*14.75*	*N/A*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Unknown	*950*	*T J*	*ug/Kg*	☼	*15.11*	*N/A*	*11/18/24 18:20*	*11/20/24 18:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*29 - 120*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
2-Fluorophenol (Surr)	*77*		*18 - 120*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Nitrobenzene-d5 (Surr)	*76*		*22 - 120*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
p-Terphenyl-d14 (Surr)	*91*		*36 - 123*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*13 - 127*	*11/18/24 18:20*	*11/20/24 18:49*	*1*
Phenol-d5 (Surr)	*77*		*20 - 120*	*11/18/24 18:20*	*11/20/24 18:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND	cn	130	42	ug/Kg	☼	11/13/24 10:52	11/14/24 16:15	5
PCB-1221 (1C)	ND	cn	130	42	ug/Kg	☼	11/13/24 10:52	11/14/24 16:15	5
PCB-1232 (1C)	ND	cn	130	42	ug/Kg	☼	11/13/24 10:52	11/14/24 16:15	5
PCB-1242 (1C)	ND	cn	130	42	ug/Kg	☼	11/13/24 10:52	11/14/24 16:15	5
PCB-1248 (1C)	ND	cn	130	42	ug/Kg	☼	11/13/24 10:52	11/14/24 16:15	5
PCB-1254 (1C)	ND	cn	130	50	ug/Kg	☼	11/13/24 10:52	11/14/24 16:15	5
PCB-1260 (1C)	ND	cn	130	50	ug/Kg	☼	11/13/24 10:52	11/14/24 16:15	5

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SED-06_0-1_20241104

Lab Sample ID: 410-192708-104

Date Collected: 11/04/24 09:40
Date Received: 11/04/24 15:20

Matrix: Solid
Percent Solids: 63.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*84*	*cn*	*66 - 130*	*11/13/24 10:52*	*11/14/24 16:15*	*5*
DCB Decachlorobiphenyl (Surr) (2C)	*98*	*cn*	*66 - 130*	*11/13/24 10:52*	*11/14/24 16:15*	*5*
Tetrachloro-m-xylene (1C)	*102*	*cn*	*68 - 130*	*11/13/24 10:52*	*11/14/24 16:15*	*5*
Tetrachloro-m-xylene (2C)	*98*	*cn*	*68 - 130*	*11/13/24 10:52*	*11/14/24 16:15*	*5*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14000**	**^2**	30	15	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2
Antimony	**0.66**		0.30	0.12	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2
Arsenic	**18**		0.61	0.20	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2
Barium	**39**	**^2**	0.61	0.28	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2
Beryllium	**1.5**	**B ^2**	0.15	0.036	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2
Cadmium	**0.51**		0.15	0.061	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2
Chromium	**140**	**^2**	0.61	0.29	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2
Cobalt	**5.0**	**^2**	0.30	0.12	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2
Copper	**16**	**^2**	0.61	0.27	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2
Lead	**110**	**^2**	0.30	0.12	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2
Manganese	**190**	**^2**	0.61	0.30	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2
Nickel	**15**	**^2**	0.61	0.29	mg/Kg	☼	11/08/24 20:00	11/18/24 08:23	2
Silver	**0.17**		0.15	0.062	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2
Thallium	**0.084**	**J**	0.15	0.060	mg/Kg	☼	11/08/24 20:00	11/18/24 08:23	2
Zinc	**140**		46	6.1	mg/Kg	☼	11/08/24 20:00	11/15/24 14:11	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.10**		0.095	0.032	mg/Kg	☼	11/11/24 23:50	11/14/24 06:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA Lloyd Kahn)	**32000**		470	160	mg/Kg	☼		11/14/24 16:14	1
Percent Moisture (EPA Moisture)	**36.7**		1.0	1.0	%			11/06/24 12:43	1

Client Sample ID: SW-04_20241104

Lab Sample ID: 410-192708-105

Date Collected: 11/04/24 10:15
Date Received: 11/04/24 15:20

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
2,2'-oxybis[1-chloropropane]	ND	cn	2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
2,4,5-Trichlorophenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
2,4,6-Trichlorophenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
2,4-Dichlorophenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
2,4-Dimethylphenol	ND		10	3.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
2,4-Dinitrophenol	ND		30	14	ug/L		11/07/24 07:55	11/08/24 12:27	1
2,4-Dinitrotoluene	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
2,6-Dinitrotoluene	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
2-Chloronaphthalene	ND		1.0	0.40	ug/L		11/07/24 07:55	11/08/24 12:27	1
2-Chlorophenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
2-Methylnaphthalene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 12:27	1

Client Sample ID: SW-04_20241104

Lab Sample ID: 410-192708-105

Date Collected: 11/04/24 10:15

Matrix: Water

Date Received: 11/04/24 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
2-Nitroaniline	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
2-Nitrophenol	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
3,3'-Dichlorobenzidine	ND		10	4.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
3-Nitroaniline	ND		5.0	2.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
4,6-Dinitro-2-methylphenol	ND		21	8.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
4-Chloro-3-methylphenol	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
4-Chloroaniline	ND		10	4.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
4-Chlorophenyl phenyl ether	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
4-Methylphenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
4-Nitroaniline	ND		3.0	0.90	ug/L		11/07/24 07:55	11/08/24 12:27	1
4-Nitrophenol	ND	cn	30	10	ug/L		11/07/24 07:55	11/08/24 12:27	1
Acenaphthene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 12:27	1
Acenaphthylene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 12:27	1
Acetophenone	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
Anthracene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 12:27	1
Atrazine	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
Benzaldehyde	ND	cn	5.0	1.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
Benzo[a]anthracene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 12:27	1
Benzo[a]pyrene	ND		0.50	0.11	ug/L		11/07/24 07:55	11/08/24 12:27	1
Benzo[b]fluoranthene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 12:27	1
Benzo[g,h,i]perylene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 12:27	1
Benzo[k]fluoranthene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 12:27	1
Bis(2-chloroethoxy)methane	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
Bis(2-chloroethyl)ether	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
Butyl benzyl phthalate	ND		5.0	2.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
Caprolactam	ND		7.0	3.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
Carbazole	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
Chrysene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 12:27	1
Di-n-butyl phthalate	ND	cn	5.0	2.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
Di-n-octyl phthalate	ND	cn	11	5.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
Dibenz(a,h)anthracene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 12:27	1
Dibenzofuran	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
Diethyl phthalate	ND		5.0	2.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
Dimethyl phthalate	ND		5.0	2.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
Fluoranthene	**0.11**	**J**	0.50	0.10	ug/L		11/07/24 07:55	11/08/24 12:27	1
Fluorene	ND		0.50	0.12	ug/L		11/07/24 07:55	11/08/24 12:27	1
Hexachlorobenzene	ND		0.50	0.11	ug/L		11/07/24 07:55	11/08/24 12:27	1
Hexachlorobutadiene	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
Hexachlorocyclopentadiene	ND		11	5.0	ug/L		11/07/24 07:55	11/08/24 12:27	1
Hexachloroethane	ND		5.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.11	ug/L		11/07/24 07:55	11/08/24 12:27	1
Isophorone	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
N-Nitrosodi-n-propylamine	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
N-Nitrosodiphenylamine	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
Naphthalene	ND		0.50	0.26	ug/L		11/07/24 07:55	11/08/24 12:27	1
Nitrobenzene	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1

Client Sample ID: SW-04_20241104

Lab Sample ID: 410-192708-105

Date Collected: 11/04/24 10:15

Matrix: Water

Date Received: 11/04/24 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		5.0	2.6	ug/L		11/07/24 07:55	11/08/24 12:27	1
Phenanthrene	ND		0.50	0.11	ug/L		11/07/24 07:55	11/08/24 12:27	1
Phenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 12:27	1
Pyrene	**0.10**	**J**	0.50	0.10	ug/L		11/07/24 07:55	11/08/24 12:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*11/07/24 07:55*	*11/08/24 12:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*28 - 120*	*11/07/24 07:55*	*11/08/24 12:27*	*1*
2-Fluorophenol (Surr)	*49*		*10 - 120*	*11/07/24 07:55*	*11/08/24 12:27*	*1*
Nitrobenzene-d5 (Surr)	*71*		*18 - 120*	*11/07/24 07:55*	*11/08/24 12:27*	*1*
p-Terphenyl-d14 (Surr)	*69*		*22 - 120*	*11/07/24 07:55*	*11/08/24 12:27*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*16 - 120*	*11/07/24 07:55*	*11/08/24 12:27*	*1*
Phenol-d5 (Surr)	*33*		*10 - 120*	*11/07/24 07:55*	*11/08/24 12:27*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**270**		25	12	ug/L		11/10/24 20:10	11/13/24 17:18	1
Antimony	ND		1.0	0.20	ug/L		11/10/24 20:10	11/13/24 17:18	1
Arsenic	**1.6**	**J**	2.0	0.68	ug/L		11/10/24 20:10	11/13/24 17:18	1
Barium	**41**		2.0	0.75	ug/L		11/10/24 20:10	11/13/24 17:18	1
Beryllium	ND		0.50	0.12	ug/L		11/10/24 20:10	11/13/24 17:18	1
Cadmium	**0.25**	**J**	0.50	0.15	ug/L		11/10/24 20:10	11/13/24 17:18	1
Chromium	**2.8**		2.0	0.55	ug/L		11/10/24 20:10	11/13/24 17:18	1
Cobalt	**1.3**		0.50	0.16	ug/L		11/10/24 20:10	11/13/24 17:18	1
Copper	**2.8**		1.0	0.36	ug/L		11/10/24 20:10	11/13/24 17:18	1
Lead	**7.9**		0.50	0.12	ug/L		11/10/24 20:10	11/13/24 17:18	1
Manganese	**270**		2.0	0.95	ug/L		11/10/24 20:10	11/13/24 17:18	1
Nickel	**4.4**		1.0	0.40	ug/L		11/10/24 20:10	11/21/24 12:57	1
Silver	ND		0.50	0.10	ug/L		11/10/24 20:10	11/13/24 17:18	1
Thallium	ND		0.50	0.13	ug/L		11/10/24 20:10	11/13/24 17:18	1
Zinc	**25**		10	4.0	ug/L		11/10/24 20:10	11/13/24 17:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:32	11/14/24 16:51	1

Client Sample ID: SW-05_20241104

Lab Sample ID: 410-192708-106

Date Collected: 11/04/24 10:00

Matrix: Water

Date Received: 11/04/24 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
2,4,5-Trichlorophenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
2,4-Dichlorophenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
2,4-Dimethylphenol	ND		10	3.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
2,4-Dinitrophenol	ND	cn	30	14	ug/L		11/07/24 07:55	11/09/24 23:04	1

Client Sample ID: SW-05_20241104

Lab Sample ID: 410-192708-106

Date Collected: 11/04/24 10:00

Matrix: Water

Date Received: 11/04/24 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND	cn	5.1	1.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
2,6-Dinitrotoluene	ND	cn	2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
2-Chloronaphthalene	ND		1.0	0.41	ug/L		11/07/24 07:55	11/09/24 23:04	1
2-Chlorophenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
2-Methylnaphthalene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/09/24 23:04	1
2-Methylphenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
2-Nitroaniline	ND	cn	5.1	1.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
2-Nitrophenol	ND	cn	5.1	1.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
3,3'-Dichlorobenzidine	ND		10	4.1	ug/L		11/07/24 07:55	11/09/24 23:04	1
3-Nitroaniline	ND	cn	5.1	2.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
4,6-Dinitro-2-methylphenol	ND	cn	21	8.1	ug/L		11/07/24 07:55	11/09/24 23:04	1
4-Bromophenyl phenyl ether	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
4-Chloro-3-methylphenol	ND		5.1	1.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
4-Chloroaniline	ND		10	4.1	ug/L		11/07/24 07:55	11/09/24 23:04	1
4-Chlorophenyl phenyl ether	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
4-Methylphenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
4-Nitroaniline	ND	cn	3.0	0.91	ug/L		11/07/24 07:55	11/09/24 23:04	1
4-Nitrophenol	ND		30	10	ug/L		11/07/24 07:55	11/09/24 23:04	1
Acenaphthene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/09/24 23:04	1
Acenaphthylene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/09/24 23:04	1
Acetophenone	ND		5.1	1.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
Anthracene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/09/24 23:04	1
Atrazine	ND		5.1	1.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
Benzaldehyde	ND	cn	5.1	1.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
Benzo[a]anthracene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/09/24 23:04	1
Benzo[a]pyrene	ND		0.51	0.11	ug/L		11/07/24 07:55	11/09/24 23:04	1
Benzo[b]fluoranthene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/09/24 23:04	1
Benzo[g,h,i]perylene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/09/24 23:04	1
Benzo[k]fluoranthene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/09/24 23:04	1
Bis(2-chloroethoxy)methane	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
Bis(2-chloroethyl)ether	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
Bis(2-ethylhexyl) phthalate	ND		5.1	2.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
Butyl benzyl phthalate	ND		5.1	2.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
Caprolactam	ND		7.1	3.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
Carbazole	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
Chrysene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/09/24 23:04	1
Di-n-butyl phthalate	ND		5.1	2.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
Di-n-octyl phthalate	ND		11	5.1	ug/L		11/07/24 07:55	11/09/24 23:04	1
Dibenz(a,h)anthracene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/09/24 23:04	1
Dibenzofuran	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
Diethyl phthalate	ND		5.1	2.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
Dimethyl phthalate	ND		5.1	2.0	ug/L		11/07/24 07:55	11/09/24 23:04	1
Fluoranthene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/09/24 23:04	1
Fluorene	ND		0.51	0.12	ug/L		11/07/24 07:55	11/09/24 23:04	1
Hexachlorobenzene	ND		0.51	0.11	ug/L		11/07/24 07:55	11/09/24 23:04	1
Hexachlorobutadiene	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
Hexachlorocyclopentadiene	ND		11	5.1	ug/L		11/07/24 07:55	11/09/24 23:04	1
Hexachloroethane	ND		5.1	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
Indeno[1,2,3-cd]pyrene	ND		0.51	0.11	ug/L		11/07/24 07:55	11/09/24 23:04	1

Client Sample ID: SW-05_20241104

Lab Sample ID: 410-192708-106

Date Collected: 11/04/24 10:00
Matrix: Water
Date Received: 11/04/24 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
N-Nitrosodi-n-propylamine	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
N-Nitrosodiphenylamine	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
Naphthalene	ND		0.51	0.26	ug/L		11/07/24 07:55	11/09/24 23:04	1
Nitrobenzene	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
Pentachlorophenol	ND		5.1	2.6	ug/L		11/07/24 07:55	11/09/24 23:04	1
Phenanthrene	ND		0.51	0.11	ug/L		11/07/24 07:55	11/09/24 23:04	1
Phenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/09/24 23:04	1
Pyrene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/09/24 23:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Heptane	*5.4*	*T J N*	*ug/L*		*1.59*	*142-82-5*	*11/07/24 07:55*	*11/09/24 23:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*28 - 120*	*11/07/24 07:55*	*11/09/24 23:04*	*1*
2-Fluorophenol (Surr)	*47*		*10 - 120*	*11/07/24 07:55*	*11/09/24 23:04*	*1*
Nitrobenzene-d5 (Surr)	*75*		*18 - 120*	*11/07/24 07:55*	*11/09/24 23:04*	*1*
p-Terphenyl-d14 (Surr)	*70*		*22 - 120*	*11/07/24 07:55*	*11/09/24 23:04*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*16 - 120*	*11/07/24 07:55*	*11/09/24 23:04*	*1*
Phenol-d5 (Surr)	*35*		*10 - 120*	*11/07/24 07:55*	*11/09/24 23:04*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**530**		25	12	ug/L		11/10/24 20:10	11/13/24 17:06	1
Antimony	ND		1.0	0.20	ug/L		11/10/24 20:10	11/13/24 17:06	1
Arsenic	**2.4**		2.0	0.68	ug/L		11/10/24 20:10	11/13/24 17:06	1
Barium	**49**		2.0	0.75	ug/L		11/10/24 20:10	11/13/24 17:06	1
Beryllium	ND		0.50	0.12	ug/L		11/10/24 20:10	11/13/24 17:06	1
Cadmium	**0.29**	**J**	0.50	0.15	ug/L		11/10/24 20:10	11/13/24 17:06	1
Chromium	**5.5**		2.0	0.55	ug/L		11/10/24 20:10	11/13/24 17:06	1
Cobalt	**1.7**		0.50	0.16	ug/L		11/10/24 20:10	11/13/24 17:06	1
Copper	**4.1**		1.0	0.36	ug/L		11/10/24 20:10	11/13/24 17:06	1
Lead	**14**		0.50	0.12	ug/L		11/10/24 20:10	11/13/24 17:06	1
Manganese	**310**		2.0	0.95	ug/L		11/10/24 20:10	11/13/24 17:06	1
Nickel	**5.3**		1.0	0.40	ug/L		11/10/24 20:10	11/21/24 12:53	1
Silver	ND		0.50	0.10	ug/L		11/10/24 20:10	11/13/24 17:06	1
Thallium	ND		0.50	0.13	ug/L		11/10/24 20:10	11/13/24 17:06	1
Zinc	**39**		10	4.0	ug/L		11/10/24 20:10	11/13/24 17:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:32	11/14/24 16:48	1

Client Sample ID: SW-06_20241104

Lab Sample ID: 410-192708-107

Date Collected: 11/04/24 09:40
Matrix: Water
Date Received: 11/04/24 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
2,2'-oxybis[1-chloropropane]	ND	cn	2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1

Client Sample ID: SW-06_20241104

Lab Sample ID: 410-192708-107

Date Collected: 11/04/24 09:40

Matrix: Water

Date Received: 11/04/24 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
2,4,6-Trichlorophenol	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
2,4-Dichlorophenol	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
2,4-Dimethylphenol	ND		10	3.1	ug/L		11/07/24 07:55	11/08/24 12:51	1
2,4-Dinitrophenol	ND		31	14	ug/L		11/07/24 07:55	11/08/24 12:51	1
2,4-Dinitrotoluene	ND		5.2	1.0	ug/L		11/07/24 07:55	11/08/24 12:51	1
2,6-Dinitrotoluene	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
2-Chloronaphthalene	ND		1.0	0.41	ug/L		11/07/24 07:55	11/08/24 12:51	1
2-Chlorophenol	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
2-Methylnaphthalene	ND		0.52	0.10	ug/L		11/07/24 07:55	11/08/24 12:51	1
2-Methylphenol	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
2-Nitroaniline	ND		5.2	1.0	ug/L		11/07/24 07:55	11/08/24 12:51	1
2-Nitrophenol	ND		5.2	1.0	ug/L		11/07/24 07:55	11/08/24 12:51	1
3,3'-Dichlorobenzidine	ND		10	4.1	ug/L		11/07/24 07:55	11/08/24 12:51	1
3-Nitroaniline	ND		5.2	2.1	ug/L		11/07/24 07:55	11/08/24 12:51	1
4,6-Dinitro-2-methylphenol	ND		22	8.3	ug/L		11/07/24 07:55	11/08/24 12:51	1
4-Bromophenyl phenyl ether	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
4-Chloro-3-methylphenol	ND		5.2	1.0	ug/L		11/07/24 07:55	11/08/24 12:51	1
4-Chloroaniline	ND		10	4.1	ug/L		11/07/24 07:55	11/08/24 12:51	1
4-Chlorophenyl phenyl ether	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
4-Methylphenol	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
4-Nitroaniline	ND		3.1	0.93	ug/L		11/07/24 07:55	11/08/24 12:51	1
4-Nitrophenol	ND	cn	31	10	ug/L		11/07/24 07:55	11/08/24 12:51	1
Acenaphthene	ND		0.52	0.10	ug/L		11/07/24 07:55	11/08/24 12:51	1
Acenaphthylene	ND		0.52	0.10	ug/L		11/07/24 07:55	11/08/24 12:51	1
Acetophenone	ND		5.2	1.0	ug/L		11/07/24 07:55	11/08/24 12:51	1
Anthracene	ND		0.52	0.10	ug/L		11/07/24 07:55	11/08/24 12:51	1
Atrazine	ND		5.2	1.0	ug/L		11/07/24 07:55	11/08/24 12:51	1
Benzaldehyde	ND	cn	5.2	1.0	ug/L		11/07/24 07:55	11/08/24 12:51	1
Benzo[a]anthracene	ND		0.52	0.10	ug/L		11/07/24 07:55	11/08/24 12:51	1
Benzo[a]pyrene	ND		0.52	0.11	ug/L		11/07/24 07:55	11/08/24 12:51	1
Benzo[b]fluoranthene	ND		0.52	0.10	ug/L		11/07/24 07:55	11/08/24 12:51	1
Benzo[g,h,i]perylene	ND		0.52	0.10	ug/L		11/07/24 07:55	11/08/24 12:51	1
Benzo[k]fluoranthene	ND		0.52	0.10	ug/L		11/07/24 07:55	11/08/24 12:51	1
Bis(2-chloroethoxy)methane	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
Bis(2-chloroethyl)ether	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
Bis(2-ethylhexyl) phthalate	**2.6**	**J**	5.2	2.1	ug/L		11/07/24 07:55	11/08/24 12:51	1
Butyl benzyl phthalate	ND		5.2	2.1	ug/L		11/07/24 07:55	11/08/24 12:51	1
Caprolactam	ND		7.2	3.1	ug/L		11/07/24 07:55	11/08/24 12:51	1
Carbazole	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
Chrysene	ND		0.52	0.10	ug/L		11/07/24 07:55	11/08/24 12:51	1
Di-n-butyl phthalate	ND	cn	5.2	2.1	ug/L		11/07/24 07:55	11/08/24 12:51	1
Di-n-octyl phthalate	ND	cn	11	5.2	ug/L		11/07/24 07:55	11/08/24 12:51	1
Dibenz(a,h)anthracene	ND		0.52	0.10	ug/L		11/07/24 07:55	11/08/24 12:51	1
Dibenzofuran	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
Diethyl phthalate	ND		5.2	2.1	ug/L		11/07/24 07:55	11/08/24 12:51	1
Dimethyl phthalate	ND		5.2	2.1	ug/L		11/07/24 07:55	11/08/24 12:51	1
Fluoranthene	ND		0.52	0.10	ug/L		11/07/24 07:55	11/08/24 12:51	1
Fluorene	ND		0.52	0.12	ug/L		11/07/24 07:55	11/08/24 12:51	1

Client Sample ID: SW-06_20241104

Date Collected: 11/04/24 09:40
Date Received: 11/04/24 15:20

Lab Sample ID: 410-192708-107

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		0.52	0.11	ug/L		11/07/24 07:55	11/08/24 12:51	1
Hexachlorobutadiene	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
Hexachlorocyclopentadiene	ND		11	5.2	ug/L		11/07/24 07:55	11/08/24 12:51	1
Hexachloroethane	ND		5.2	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
Indeno[1,2,3-cd]pyrene	ND		0.52	0.11	ug/L		11/07/24 07:55	11/08/24 12:51	1
Isophorone	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
N-Nitrosodi-n-propylamine	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
N-Nitrosodiphenylamine	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
Naphthalene	ND		0.52	0.27	ug/L		11/07/24 07:55	11/08/24 12:51	1
Nitrobenzene	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
Pentachlorophenol	ND		5.2	2.7	ug/L		11/07/24 07:55	11/08/24 12:51	1
Phenanthrene	ND		0.52	0.11	ug/L		11/07/24 07:55	11/08/24 12:51	1
Phenol	ND		2.1	0.52	ug/L		11/07/24 07:55	11/08/24 12:51	1
Pyrene	ND		0.52	0.10	ug/L		11/07/24 07:55	11/08/24 12:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*11/07/24 07:55*	*11/08/24 12:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*28 - 120*	*11/07/24 07:55*	*11/08/24 12:51*	*1*
2-Fluorophenol (Surr)	*52*		*10 - 120*	*11/07/24 07:55*	*11/08/24 12:51*	*1*
Nitrobenzene-d5 (Surr)	*73*		*18 - 120*	*11/07/24 07:55*	*11/08/24 12:51*	*1*
p-Terphenyl-d14 (Surr)	*78*		*22 - 120*	*11/07/24 07:55*	*11/08/24 12:51*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*16 - 120*	*11/07/24 07:55*	*11/08/24 12:51*	*1*
Phenol-d5 (Surr)	*35*		*10 - 120*	*11/07/24 07:55*	*11/08/24 12:51*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**150**		25	12	ug/L		11/10/24 20:10	11/13/24 17:22	1
Antimony	ND		1.0	0.20	ug/L		11/10/24 20:10	11/13/24 17:22	1
Arsenic	**0.88**	**J**	2.0	0.68	ug/L		11/10/24 20:10	11/13/24 17:22	1
Barium	**48**		2.0	0.75	ug/L		11/10/24 20:10	11/13/24 17:22	1
Beryllium	ND		0.50	0.12	ug/L		11/10/24 20:10	11/13/24 17:22	1
Cadmium	ND		0.50	0.15	ug/L		11/10/24 20:10	11/13/24 17:22	1
Chromium	**1.8**	**J**	2.0	0.55	ug/L		11/10/24 20:10	11/13/24 17:22	1
Cobalt	**0.53**		0.50	0.16	ug/L		11/10/24 20:10	11/13/24 17:22	1
Copper	**0.74**	**J**	1.0	0.36	ug/L		11/10/24 20:10	11/13/24 17:22	1
Lead	**2.4**		0.50	0.12	ug/L		11/10/24 20:10	11/13/24 17:22	1
Manganese	**160**		2.0	0.95	ug/L		11/10/24 20:10	11/13/24 17:22	1
Nickel	**2.6**		1.0	0.40	ug/L		11/10/24 20:10	11/21/24 12:59	1
Silver	ND		0.50	0.10	ug/L		11/10/24 20:10	11/13/24 17:22	1
Thallium	ND		0.50	0.13	ug/L		11/10/24 20:10	11/13/24 17:22	1
Zinc	**11**		10	4.0	ug/L		11/10/24 20:10	11/13/24 17:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:32	11/14/24 16:44	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-05_20241104

Date Collected: 11/04/24 11:20
Date Received: 11/04/24 15:20

Lab Sample ID: 410-192708-108

Matrix: Water

Method: SW846 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	0.30	ug/L			11/16/24 02:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/16/24 02:48	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/16/24 02:48	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/16/24 02:48	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/16/24 02:48	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/16/24 02:48	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/16/24 02:48	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/16/24 02:48	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/16/24 02:48	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/16/24 02:48	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/16/24 02:48	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/16/24 02:48	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/16/24 02:48	1
2-Butanone	ND		10	0.50	ug/L			11/16/24 02:48	1
2-Hexanone	ND		10	0.85	ug/L			11/16/24 02:48	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/16/24 02:48	1
Acetone	ND		20	0.70	ug/L			11/16/24 02:48	1
Benzene	ND		1.0	0.30	ug/L			11/16/24 02:48	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/16/24 02:48	1
Bromoform	ND		4.0	1.0	ug/L			11/16/24 02:48	1
Bromomethane	ND		1.0	0.30	ug/L			11/16/24 02:48	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/16/24 02:48	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/16/24 02:48	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/16/24 02:48	1
Chloroethane	ND		1.0	0.30	ug/L			11/16/24 02:48	1
Chloroform	ND		1.0	0.30	ug/L			11/16/24 02:48	1
Chloromethane	ND		2.0	0.55	ug/L			11/16/24 02:48	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/16/24 02:48	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/16/24 02:48	1
Cyclohexane	ND		5.0	1.0	ug/L			11/16/24 02:48	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/16/24 02:48	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/16/24 02:48	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/16/24 02:48	1
Freon 113	ND		10	0.30	ug/L			11/16/24 02:48	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/16/24 02:48	1
Methyl acetate	ND		5.0	0.30	ug/L			11/16/24 02:48	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/16/24 02:48	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/16/24 02:48	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/16/24 02:48	1
Styrene	ND		5.0	0.30	ug/L			11/16/24 02:48	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/16/24 02:48	1
Toluene	ND		1.0	0.30	ug/L			11/16/24 02:48	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/16/24 02:48	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/16/24 02:48	1
Trichloroethene	ND		1.0	0.30	ug/L			11/16/24 02:48	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/16/24 02:48	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/16/24 02:48	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/16/24 02:48	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-05_20241104

Date Collected: 11/04/24 11:20
Date Received: 11/04/24 15:20

Lab Sample ID: 410-192708-108

Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Indane	5.6	T J N	ug/L		13.16	496-11-7		11/16/24 02:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		11/16/24 02:48	1
4-Bromofluorobenzene (Surr)	97		80 - 120		11/16/24 02:48	1
Dibromofluoromethane (Surr)	100		80 - 120		11/16/24 02:48	1
Toluene-d8 (Surr)	102		80 - 120		11/16/24 02:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
2,2'-oxybis[1-chloropropane]	ND	cn	2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
2,4,5-Trichlorophenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
2,4-Dichlorophenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
2,4-Dimethylphenol	ND		10	3.1	ug/L		11/07/24 07:55	11/08/24 13:12	1
2,4-Dinitrophenol	ND		31	14	ug/L		11/07/24 07:55	11/08/24 13:12	1
2,4-Dinitrotoluene	ND		5.1	1.0	ug/L		11/07/24 07:55	11/08/24 13:12	1
2,6-Dinitrotoluene	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
2-Chloronaphthalene	ND		1.0	0.41	ug/L		11/07/24 07:55	11/08/24 13:12	1
2-Chlorophenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
2-Methylnaphthalene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/08/24 13:12	1
2-Methylphenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
2-Nitroaniline	ND		5.1	1.0	ug/L		11/07/24 07:55	11/08/24 13:12	1
2-Nitrophenol	ND		5.1	1.0	ug/L		11/07/24 07:55	11/08/24 13:12	1
3,3'-Dichlorobenzidine	ND		10	4.1	ug/L		11/07/24 07:55	11/08/24 13:12	1
3-Nitroaniline	ND		5.1	2.0	ug/L		11/07/24 07:55	11/08/24 13:12	1
4,6-Dinitro-2-methylphenol	ND		21	8.1	ug/L		11/07/24 07:55	11/08/24 13:12	1
4-Bromophenyl phenyl ether	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
4-Chloro-3-methylphenol	ND		5.1	1.0	ug/L		11/07/24 07:55	11/08/24 13:12	1
4-Chloroaniline	ND		10	4.1	ug/L		11/07/24 07:55	11/08/24 13:12	1
4-Chlorophenyl phenyl ether	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
4-Methylphenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
4-Nitroaniline	ND		3.1	0.92	ug/L		11/07/24 07:55	11/08/24 13:12	1
4-Nitrophenol	ND	cn	31	10	ug/L		11/07/24 07:55	11/08/24 13:12	1
Acenaphthene	**1.9**		0.51	0.10	ug/L		11/07/24 07:55	11/08/24 13:12	1
Acenaphthylene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/08/24 13:12	1
Acetophenone	ND		5.1	1.0	ug/L		11/07/24 07:55	11/08/24 13:12	1
Anthracene	**0.12**	**J**	0.51	0.10	ug/L		11/07/24 07:55	11/08/24 13:12	1
Atrazine	ND		5.1	1.0	ug/L		11/07/24 07:55	11/08/24 13:12	1
Benzaldehyde	ND	cn	5.1	1.0	ug/L		11/07/24 07:55	11/08/24 13:12	1
Benzo[a]anthracene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/08/24 13:12	1
Benzo[a]pyrene	ND		0.51	0.11	ug/L		11/07/24 07:55	11/08/24 13:12	1
Benzo[b]fluoranthene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/08/24 13:12	1
Benzo[g,h,i]perylene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/08/24 13:12	1
Benzo[k]fluoranthene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/08/24 13:12	1
Bis(2-chloroethoxy)methane	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
Bis(2-chloroethyl)ether	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
Bis(2-ethylhexyl) phthalate	ND		5.1	2.0	ug/L		11/07/24 07:55	11/08/24 13:12	1
Butyl benzyl phthalate	ND		5.1	2.0	ug/L		11/07/24 07:55	11/08/24 13:12	1

Client Sample ID: MW-05_20241104

Lab Sample ID: 410-192708-108

Date Collected: 11/04/24 11:20
Matrix: Water
Date Received: 11/04/24 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		7.1	3.1	ug/L		11/07/24 07:55	11/08/24 13:12	1
Carbazole	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
Chrysene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/08/24 13:12	1
Di-n-butyl phthalate	ND	cn	5.1	2.0	ug/L		11/07/24 07:55	11/08/24 13:12	1
Di-n-octyl phthalate	ND	cn	11	5.1	ug/L		11/07/24 07:55	11/08/24 13:12	1
Dibenz(a,h)anthracene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/08/24 13:12	1
Dibenzofuran	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
Diethyl phthalate	ND		5.1	2.0	ug/L		11/07/24 07:55	11/08/24 13:12	1
Dimethyl phthalate	ND		5.1	2.0	ug/L		11/07/24 07:55	11/08/24 13:12	1
Fluoranthene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/08/24 13:12	1
Fluorene	**0.51**		0.51	0.12	ug/L		11/07/24 07:55	11/08/24 13:12	1
Hexachlorobenzene	ND		0.51	0.11	ug/L		11/07/24 07:55	11/08/24 13:12	1
Hexachlorobutadiene	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
Hexachlorocyclopentadiene	ND		11	5.1	ug/L		11/07/24 07:55	11/08/24 13:12	1
Hexachloroethane	ND		5.1	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
Indeno[1,2,3-cd]pyrene	ND		0.51	0.11	ug/L		11/07/24 07:55	11/08/24 13:12	1
Isophorone	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
N-Nitrosodi-n-propylamine	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
N-Nitrosodiphenylamine	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
Naphthalene	ND		0.51	0.26	ug/L		11/07/24 07:55	11/08/24 13:12	1
Nitrobenzene	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
Pentachlorophenol	ND		5.1	2.6	ug/L		11/07/24 07:55	11/08/24 13:12	1
Phenanthrene	**0.59**		0.51	0.11	ug/L		11/07/24 07:55	11/08/24 13:12	1
Phenol	ND		2.0	0.51	ug/L		11/07/24 07:55	11/08/24 13:12	1
Pyrene	ND		0.51	0.10	ug/L		11/07/24 07:55	11/08/24 13:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzoic acid, 2,6-dichloro-	*11*	*T J N*	*ug/L*		*7.14*	*50-30-6*	*11/07/24 07:55*	*11/08/24 13:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*28 - 120*	*11/07/24 07:55*	*11/08/24 13:12*	*1*
2-Fluorophenol (Surr)	*57*		*10 - 120*	*11/07/24 07:55*	*11/08/24 13:12*	*1*
Nitrobenzene-d5 (Surr)	*73*		*18 - 120*	*11/07/24 07:55*	*11/08/24 13:12*	*1*
p-Terphenyl-d14 (Surr)	*77*		*22 - 120*	*11/07/24 07:55*	*11/08/24 13:12*	*1*
2,4,6-Tribromophenol (Surr)	*102*		*16 - 120*	*11/07/24 07:55*	*11/08/24 13:12*	*1*
Phenol-d5 (Surr)	*45*		*10 - 120*	*11/07/24 07:55*	*11/08/24 13:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.52	0.10	ug/L		11/08/24 08:00	11/08/24 20:17	1
PCB-1221 (1C)	ND		0.52	0.10	ug/L		11/08/24 08:00	11/08/24 20:17	1
PCB-1232 (1C)	ND		0.52	0.10	ug/L		11/08/24 08:00	11/08/24 20:17	1
PCB-1242 (1C)	ND		0.52	0.10	ug/L		11/08/24 08:00	11/08/24 20:17	1
PCB-1248 (1C)	ND		0.52	0.081	ug/L		11/08/24 08:00	11/08/24 20:17	1
PCB-1254 (1C)	ND		0.52	0.081	ug/L		11/08/24 08:00	11/08/24 20:17	1
PCB-1260 (1C)	ND		0.52	0.081	ug/L		11/08/24 08:00	11/08/24 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*20*		*10 - 148*	*11/08/24 08:00*	*11/08/24 20:17*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*22*		*10 - 148*	*11/08/24 08:00*	*11/08/24 20:17*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-05_20241104

Date Collected: 11/04/24 11:20
Date Received: 11/04/24 15:20

Lab Sample ID: 410-192708-108

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (1C)	*71*		*33 - 137*	*11/08/24 08:00*	*11/08/24 20:17*	*1*
Tetrachloro-m-xylene (2C)	*69*		*33 - 137*	*11/08/24 08:00*	*11/08/24 20:17*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15**	**J**	25	12	ug/L		11/10/24 20:10	11/13/24 17:16	1
Antimony	ND		1.0	0.20	ug/L		11/10/24 20:10	11/13/24 17:16	1
Arsenic	**1.2**	**J**	2.0	0.68	ug/L		11/10/24 20:10	11/13/24 17:16	1
Barium	**200**		2.0	0.75	ug/L		11/10/24 20:10	11/13/24 17:16	1
Beryllium	ND		0.50	0.12	ug/L		11/10/24 20:10	11/13/24 17:16	1
Cadmium	ND		0.50	0.15	ug/L		11/10/24 20:10	11/13/24 17:16	1
Chromium	ND		2.0	0.55	ug/L		11/10/24 20:10	11/13/24 17:16	1
Cobalt	**0.44**	**J**	0.50	0.16	ug/L		11/10/24 20:10	11/13/24 17:16	1
Copper	**0.51**	**J**	1.0	0.36	ug/L		11/10/24 20:10	11/13/24 17:16	1
Lead	**1.6**		0.50	0.12	ug/L		11/10/24 20:10	11/13/24 17:16	1
Manganese	**180**		2.0	0.95	ug/L		11/10/24 20:10	11/13/24 17:16	1
Nickel	**0.69**	**J**	1.0	0.40	ug/L		11/10/24 20:10	11/21/24 12:55	1
Silver	ND		0.50	0.10	ug/L		11/10/24 20:10	11/13/24 17:16	1
Thallium	ND		0.50	0.13	ug/L		11/10/24 20:10	11/13/24 17:16	1
Zinc	**7.8**	**J**	10	4.0	ug/L		11/10/24 20:10	11/13/24 17:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:32	11/14/24 16:50	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	DBFM	BFB	TOL
Lab Sample ID	Client Sample ID	(54-135)	(50-141)	(50-131)	(52-141)
410-192708-1	SB-105_4-5	101	100	94	98
410-192708-5	SB-104_4-5	103	103	91	104
410-192708-7	SB-106_4-5	105	103	91	99
410-192708-9	SB-103_4-5	105	103	93	99
410-192708-10	FD-01_20241014	106	103	90	99
410-192708-10	FD-01_20241014	94 cn	94 cn	100 cn	98 cn
410-192708-15	SB-100_4-5	107	105	95	99
410-192708-15 MS	SB-100_4-5 MS	104	103	97	100
410-192708-15 MSD	SB-100_4-5 MSD	105	101	95	102
410-192708-16	SB-100_18-20	103	100	94	99
410-192708-17	SB-101_4-5	109	103	91	100
410-192708-19	SB-113_4-5	90 cn	84 cn	88 cn	88 cn
410-192708-19 MS	SB-113_4-5 MS	92	93	98	94
410-192708-19 MSD	SB-113_4-5 MSD	98	97	99	99
410-192708-20	SB-114_10-12	105	102	94	98
410-192708-21	FD-02_20241015	105	103	94	96
410-192708-24	SB-115_4-5	103	103	93	97
410-192708-25	SB-115_21-23	100 cn	101 cn	96 cn	90 cn
410-192708-26	SB-115_29-30	114 cn	116 cn	101 cn	105 cn
410-192708-52	SB-110_4-5	101	102	92	98
410-192708-55	SB-109_4-5	103 cn	109 cn	62 *3 cn	141 *3 cn
410-192708-57	SB-108_4-5	104	102	96	98
410-192708-60	SB-111_4-5	105 cn	102 cn	81 *3 cn	111 *3 cn
410-192708-60 MS	SB-111_4-5	106	104	91 *3	105 *3
410-192708-60 MSD	SB-111_4-5	106	103	83	111
410-192708-64	SB-112_4-5	105	98	97	99
410-192708-66	SB-116_4-5	113 cn	111 cn	68 cn	129 cn
410-192708-66 - RA	SB-116_4-5	99	104	66	124
410-192708-68	SB-117_4-5	108	104	100	98
410-192708-70	SB-118_4-5	106	104	94	99
410-192708-72	SB-119_4-5	106	104	97	98
LCS 410-566202/4	Lab Control Sample	104	103	100	99
LCS 410-566761/4	Lab Control Sample	104	102	99	98
LCS 410-567096/8	Lab Control Sample	102	98	105	100
LCS 410-567264/4	Lab Control Sample	105	103	100	99
LCS 410-568235/8	Lab Control Sample	101	101	98	98
LCS 410-569193/13	Lab Control Sample	109	129	106	105
LCS 410-569195/6	Lab Control Sample	101	101	107	102
LCSD 410-566202/5	Lab Control Sample Dup	102	102	99	99
LCSD 410-566761/5	Lab Control Sample Dup	104	104	98	98
LCSD 410-567096/12	Lab Control Sample Dup	103	98	107	101
LCSD 410-567264/5	Lab Control Sample Dup	106	103	99	99
LCSD 410-568235/9	Lab Control Sample Dup	103	103	98	98
LCSD 410-569193/14	Lab Control Sample Dup	109	105	109	120
LCSD 410-569195/8	Lab Control Sample Dup	99	97	101	98
MB 410-566202/7	Method Blank	108	106	95	97
MB 410-566761/7	Method Blank	105	104	95	97
MB 410-567096/7	Method Blank	95	89	93	93
MB 410-567264/7	Method Blank	106	102	100	98

Surrogate Summary

Client: Haley & Aldrich, Inc.
Job ID: 410-192708-1
Project/Site: Spa Road Property Annapolis MD

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	DBFM	BFB	TOL
Lab Sample ID	Client Sample ID	(54-135)	(50-141)	(50-131)	(52-141)
MB 410-568235/7	Method Blank	102	104	95	96
MB 410-569193/7	Method Blank	107	117	95	99
MB 410-569195/7	Method Blank	95	92	94	94

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
410-192708-11	TB-01_20241014	101	97	102	100
410-192708-22	TB-02_20241015	99	96	103	98
410-192708-23	FB-01_20241015	91	94	94	103
410-192708-53	TB-03_20241017	92	95	93	103
410-192708-61	FB-02_20241017	91	94	94	103
410-192708-75	TB-04_20241018	92	96	94	103
410-192708-76	MW-15_20241024	103 cn	99 cn	102 cn	96 cn
410-192708-77	FB-05_20241024	103	96	104	96
410-192708-78	TB-05_20241024	103	97	103	96
410-192708-79	EB-01_20241024	100	98	101	98
410-192708-80	MW-14_20241025	102 cn	97 cn	101 cn	96 cn
410-192708-81	FD-05_20241025	104 cn	98 cn	102 cn	98 cn
410-192708-82	MW-10_20241028	100 cn	99 cn	102 cn	97 cn
410-192708-83	MW-08_20241028	98	96	102	97
410-192708-83 MS	MW-08_20241028	101	96	99	99
410-192708-83 MSD	MW-08_20241028	102	98	100	98
410-192708-84	MW-07_20241028	102	97	101	96
410-192708-85	MW-06_20241028	103 cn	96 cn	103 cn	95 cn
410-192708-86	TB-06_20241028	99 cn	97 cn	101 cn	96 cn
410-192708-87	MW-09_20241029	99	97	95	97
410-192708-88	MW-13_20241030	102	97	103	104
410-192708-89	TB-07_20241030	101 cn	98 cn	103 cn	105 cn
410-192708-90	MW-03_20241030	98 cn	100 cn	95 cn	99 cn
410-192708-91	MW-11_20241030	99	98	95	99
410-192708-92	MW-12_20241030	97	97	94	99
410-192708-93	MW-04_20241031	103	93	104	97
410-192708-108	MW-05_20241104	100	97	100	102
LCS 410-567210/5	Lab Control Sample	98	99	100	101
LCS 410-568379/4	Lab Control Sample	92	98	92	103
LCS 410-571635/4	Lab Control Sample	104	96	101	100
LCS 410-573975/4	Lab Control Sample	100	97	97	99
LCS 410-574052/4	Lab Control Sample	99	97	100	103
LCS 410-574400/4	Lab Control Sample	102	95	101	101
LCS 410-575794/4	Lab Control Sample	98	98	99	103
LCSD 410-568379/5	Lab Control Sample Dup	92	99	92	104

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
LCSD 410-573975/5	Lab Control Sample Dup	99	97	97	99
LCSD 410-574052/5	Lab Control Sample Dup	101	98	101	102
LCSD 410-574400/5	Lab Control Sample Dup	101	95	98	103
LCSD 410-575794/5	Lab Control Sample Dup	100	98	97	101
MB 410-567210/7	Method Blank	97	96	102	97
MB 410-568379/7	Method Blank	92	95	95	103
MB 410-571635/6	Method Blank	102	99	102	98
MB 410-573975/8	Method Blank	100	97	100	98
MB 410-574052/7	Method Blank	100	97	101	104
MB 410-574400/7	Method Blank	105	92	104	96
MB 410-575794/7	Method Blank	100	100	98	102

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	TPHd14	TBP	PHL
Lab Sample ID	Client Sample ID	(29-120)	(18-120)	(22-120)	(36-123)	(13-127)	(20-120)
410-192708-1	SB-105_4-5	74	70	72	77	82	72
410-192708-2	SB-107_0-1	78		73	85		
410-192708-3	SB-107_4-5	70		69	72		
410-192708-4	SB-104_0-1	72 cn	62 cn	66 cn	72 cn	71 cn	65 cn
410-192708-5	SB-104_4-5	85	80	79	92	97	82
410-192708-6	SB-106_0-1	78 cn	66 cn	69 cn	84 cn	82 cn	71 cn
410-192708-7	SB-106_4-5	88	80	76	94	94	84
410-192708-8	SB-103_0-1	79 cn	75 cn	74 cn	83 cn	82 cn	75 cn
410-192708-9	SB-103_4-5	71 cn	61 cn	67 cn	78 cn	75 cn	63 cn
410-192708-10	FD-01_20241014	79 cn	72 cn	72 cn	82 cn	86 cn	74 cn
410-192708-12	SB-102_0-1	85		79	94		
410-192708-13	SB-102_4-5	83		77	93		
410-192708-14	SB-100_0-1	83 cn	76 cn	78 cn	86 cn	83 cn	78 cn
410-192708-15	SB-100_4-5	87 cn	82 cn	84 cn	87 cn	89 cn	82 cn
410-192708-15 MS	SB-100_4-5 MS	81	72	73	81	78	74
410-192708-15 MSD	SB-100_4-5 MSD	81	72	75	84	85	72
410-192708-16	SB-100_18-20	75	67	68	81	75	70
410-192708-17	SB-101_4-5	89	75	66	93	94	82
410-192708-18	SB-113_0-1	83		72	88		
410-192708-19	SB-113_4-5	44		39	46		
410-192708-19 MS	SB-113_4-5 MS	78		70	77		
410-192708-19 MSD	SB-113_4-5 MSD	84		73	84		
410-192708-20	SB-114_10-12	73		64	80		
410-192708-21	FD-02_20241015	90		79	92		
410-192708-24	SB-115_4-5	53		55	65		
410-192708-25	SB-115_21-23	59 cn		149 S1+ cn	59 cn		

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	FBP (29-120)	2FP (18-120)	NBZ (22-120)	TPHd14 (36-123)	TBP (13-127)	PHL (20-120)
410-192708-26	SB-115_29-30	63		58	76		
410-192708-65	SB-116_0-1	57	62	59	52	68	63
410-192708-102	SED-04_0-1_20241104	85	82	80	88	86	80
410-192708-103	SED-05_0-1_20241104	82	83	81	91	97	81
410-192708-104	SED-06_0-1_20241104	81	77	76	91	95	77
LCS 410-567544/2-A	Lab Control Sample	55		59	84		
LCS 410-567882/2-A	Lab Control Sample	87	83	81	93	99	81
LCS 410-570112/2-A	Lab Control Sample	76	69	69	82	89	71
LCS 410-574197/2-A	Lab Control Sample	66		51	98		
LCS 410-576466/2-A	Lab Control Sample	74	69	69	91	95	72
MB 410-567544/1-A	Method Blank	60		70	81		
MB 410-567882/1-A	Method Blank	81	79	76	86	90	78
MB 410-570112/1-A	Method Blank	45	49	48	60	58	45
MB 410-574197/1-A	Method Blank	50		52	98		
MB 410-576466/1-A	Method Blank	74	78	73	88	89	72

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TBP (24-137)	2FP (31-133)	NBZ (31-120)	PHL (35-132)
410-192708-51	SB-110_0-1	88	90	91	92
410-192708-52	SB-110_4-5	90	89	90	91
410-192708-54	SB-109_0-1	97	93	90	96
410-192708-55	SB-109_4-5	85	67	68	72
410-192708-56	SB-108_0-1	79 cn	81 cn	81 cn	83 cn
410-192708-57	SB-108_4-5	86	88	88	90
410-192708-58	SB-108_16-18	55 cn	57 cn	58 cn	58 cn
410-192708-59	SB-111_0-1	98	93	93	94
410-192708-60	SB-111_4-5	95	92	91	96
410-192708-60 MS	SB-111_4-5	104	91	92	96
410-192708-60 MSD	SB-111_4-5	103	86	90	93
410-192708-62	FD-03_20241017	83 cn	85 cn	83 cn	89 cn
410-192708-63	SB-112_0-1	90	86	85	90
410-192708-64	SB-112_4-5	89	84	86	88
410-192708-66	SB-116_4-5	98	93	91	95
410-192708-67	SB-117_0-1	93	97	95	99
410-192708-68	SB-117_4-5	106	96	95	99
410-192708-69	SB-118_0-1	94	88	87	93
410-192708-69 MS	SB-118_0-1	102	90	90	95
410-192708-69 MSD	SB-118_0-1	97	82	84	86
410-192708-70	SB-118_4-5	89	87	86	91

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		TBP	2FP	NBZ	PHL
Lab Sample ID	Client Sample ID	(24-137)	(31-133)	(31-120)	(35-132)
410-192708-71	SB-119_0-1	98	90	93	93
410-192708-72	SB-119_4-5	88	89	90	92
410-192708-94	SED-01_0-1_20241101	97	80	84	84
410-192708-94 MS	SED-01_0-1_20241101	101	81	84	86
410-192708-94 MSD	SED-01_0-1_20241101	97	80	82	84
410-192708-95	SED-02_0-1_20241101	93	83	84	86
410-192708-96	SED-03_0-1_20241101	104	84	84	87
410-192708-97	FD-06_20241101	99	77	80	82
LCS 460-1004662/2-A	Lab Control Sample	114 cn	105 cn	106 cn	108 cn
LCS 460-1005404/2-A	Lab Control Sample	101 cn	90 cn	90 cn	92 cn
LCSD 460-1004662/3-A	Lab Control Sample Dup	100 cn	94 cn	93 cn	97 cn
LCSD 460-1005404/3-A	Lab Control Sample Dup	106 cn	91 cn	93 cn	94 cn
MB 460-1004662/1-A	Method Blank	94	97	97	98
MB 460-1005404/1-A	Method Blank	99	95	96	97

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(28-120)	(18-120)	(22-120)
410-192708-87	MW-09_20241029	81	72	86
LCS 410-571134/2-A	Lab Control Sample	95	85	92
LCSD 410-571134/3-A	Lab Control Sample Dup	94	81	96
MB 410-571134/1-A	Method Blank	75	66	86

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		TBP	2FP	NBZ	PHL
Lab Sample ID	Client Sample ID	(37-150)	(16-80)	(51-145)	(10-56)
410-192708-76	MW-15_20241024	107	51	103	39
410-192708-77	FB-05_20241024	6 S1- cn	2 S1- cn	99 cn	6 S1- cn
410-192708-79	EB-01_20241024	109	49	104	34
410-192708-80	MW-14_20241025	103	48	94	34
410-192708-81	FD-05_20241025	100	45	93	30
410-192708-82	MW-10_20241028	100	50	99	35
410-192708-83	MW-08_20241028	85	39	81	28
410-192708-83 MS	MW-08_20241028	97	42	93	33
410-192708-83 MSD	MW-08_20241028	129	53	111	38

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TBP (37-150)	2FP (16-80)	NBZ (51-145)	PHL (10-56)
410-192708-84	MW-07_20241028	94	50	97	37
410-192708-85	MW-06_20241028	103 cn	64 cn	102 cn	58 S1+ cn
410-192708-88	MW-13_20241030	135	56	130	36
410-192708-90	MW-03_20241030	112	55	116	37
410-192708-91	MW-11_20241030	130	55	129	36
410-192708-92	MW-12_20241030	124	54	125	34
410-192708-93	MW-04_20241031	113	45	114	29
410-192708-98	SW-01_20241101	113	53	122	34
410-192708-99	SW-02_20241101	108	47	113	30
410-192708-100	EB-02_20241101	104	49	111	32
410-192708-101	FB-06_20241101	125	55	126	35
LCS 460-1004671/2-A	Lab Control Sample	97 cn	46 cn	100 cn	31 cn
LCS 460-1005521/2-A	Lab Control Sample	106 cn	49 cn	106 cn	33 cn
LCSD 460-1004671/3-A	Lab Control Sample Dup	98 cn	48 cn	101 cn	32 cn
LCSD 460-1005521/3-A	Lab Control Sample Dup	107 cn	48 cn	107 cn	32 cn
MB 460-1004671/1-A	Method Blank	94	49	99	32
MB 460-1005521/1-A	Method Blank	110	45	109	28

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	FBP (28-120)	2FP (10-120)	NBZ (18-120)	TPHd14 (22-120)	TBP (16-120)	PHL (10-120)
410-192708-23	FB-01_20241015	73	43	67	81	77	28
410-192708-61	FB-02_20241017	89	42	80	95	95	31
410-192708-105	SW-04_20241104	75	49	71	69	81	33
410-192708-106	SW-05_20241104	81	47	75	70	90	35
410-192708-107	SW-06_20241104	80	52	73	78	90	35
410-192708-108	MW-05_20241104	85	57	73	77	102	45
LCS 410-565284/2-A	Lab Control Sample	74	52	69	96	92	35
LCS 410-566462/2-A	Lab Control Sample	79	51	71	87	97	41
LCS 410-572281/2-A	Lab Control Sample	71	50	62	90	80	37
LCSD 410-565284/3-A	Lab Control Sample Dup	81	61	76	94	87	43
MB 410-565284/1-A	Method Blank	69	45	64	86	77	29
MB 410-566462/1-A	Method Blank	62	34	56	73	72	25
MB 410-572281/1-A	Method Blank	55	32	47	80	63	21

Surrogate Legend

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

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

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

Lab Sample ID	Client Sample ID	TFT-F1 (50-142)
410-192708-1	SB-105_4-5	92
410-192708-19	SB-113_4-5	0 S1- cn
410-192708-19 MS	SB-113_4-5 MS	92
410-192708-19 MSD	SB-113_4-5 MSD	80
410-192708-20	SB-114_10-12	84
410-192708-21	FD-02_20241015	81
410-192708-24	SB-115_4-5	94
410-192708-25	SB-115_21-23	156 S1+
410-192708-26	SB-115_29-30	89
410-192708-67	SB-117_0-1	82 cn
410-192708-69	SB-118_0-1	85 cn
410-192708-69 MS	SB-118_0-1	83
410-192708-69 MSD	SB-118_0-1	93
LCS 410-565497/6	Lab Control Sample	95
LCS 410-566098/7	Lab Control Sample	93
LCS 410-566681/6	Lab Control Sample	95
LCS 410-567229/6	Lab Control Sample	93
LCSD 410-565497/7	Lab Control Sample Dup	95
LCSD 410-566098/8	Lab Control Sample Dup	93
LCSD 410-566681/7	Lab Control Sample Dup	96
LCSD 410-567229/7	Lab Control Sample Dup	94
MB 410-565497/5	Method Blank	95
MB 410-566098/6	Method Blank	97
MB 410-566681/5	Method Blank	99
MB 410-567229/5	Method Blank	90

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

TFT-F = a,a,a-Trifluorotoluene (fid)

Method: 8015D - Gasoline Range Organics (GRO) (GC)

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

Lab Sample ID	Client Sample ID	TFT-F1 (63-135)
410-192708-23	FB-01_20241015	106
LCS 410-564334/6	Lab Control Sample	99
LCSD 410-564334/7	Lab Control Sample Dup	99
MB 410-564334/5	Method Blank	106

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

TFT-F = a,a,a-Trifluorotoluene (fid)

Method: 8015D - Diesel Range Organics (DRO) (GC)

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

Lab Sample ID	Client Sample ID	OTP (49-154)
410-192708-1	SB-105_4-5	73
410-192708-19	SB-113_4-5	69

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTP (49-154)						
410-192708-19 MS	SB-113_4-5 MS	92						
410-192708-19 MSD	SB-113_4-5 MSD	110						
410-192708-20	SB-114_10-12	74						
410-192708-21	FD-02_20241015	77						
410-192708-24	SB-115_4-5	80						
410-192708-25	SB-115_21-23	1182 S1+ cn						
410-192708-26	SB-115_29-30	91						
410-192708-67	SB-117_0-1	73						
410-192708-69	SB-118_0-1	81						
410-192708-69 MS	SB-118_0-1	100						
410-192708-69 MSD	SB-118_0-1	80						
LCS 410-566481/2-A	Lab Control Sample	88						
LCS 410-567582/2-A	Lab Control Sample	89						
MB 410-566481/1-A	Method Blank	79						
MB 410-567582/1-A	Method Blank	82						

Surrogate Legend

OTP = o- terphenyl (Surr)

Method: 8015D - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTP (32-125)						
410-192708-23	FB-01_20241015	82						
LCS 410-565291/2-A	Lab Control Sample	87						
LCSD 410-565291/3-A	Lab Control Sample Dup	81						
MB 410-565291/1-A	Method Blank	63						

Surrogate Legend

OTP = o- terphenyl (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	DCB1 (54-143)	DCB2 (54-143)	TCX1 (20-131)	TCX2 (20-131)				
410-192708-27	N-3N_0-1	185 S1+ cn	178 S1+ cn	109 cn	91 cn				
410-192708-27 - DL	N-3N_0-1	241 S1+	212 S1+ cn	139 S1+	104 cn				
410-192708-30	N-3S_0-1	150 S1+	145 S1+	88	89				
410-192708-39	C-2N_0-1	72	75	79	78				
LCS 410-568247/2-A	Lab Control Sample	96		91					
MB 410-568247/1-A	Method Blank		93	86					

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Method: 8081B - Organochlorine Pesticides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TCX1 (20-129)	TCX2 (20-129)	DCB1 (20-149)	DCB2 (20-149)
410-192708-23	FB-01_20241015	46	44	92	86
LCS 410-566467/2-A	Lab Control Sample	75	74	61	55
MB 410-566467/1-A	Method Blank	75	74	68	64

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl (Surr)

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	DCB1 (66-130)	DCB2 (66-130)	TCX1 (68-130)	TCX2 (68-130)
410-192708-1	SB-105_4-5	66	76	81	69
410-192708-2	SB-107_0-1	66	76	86	80
410-192708-3	SB-107_4-5	35 S1- cn	34 S1- cn	67 S1- cn	64 S1- cn
410-192708-18	SB-113_0-1	72	81	72	82
410-192708-19	SB-113_4-5	42 S1- cn		49 S1- cn	
410-192708-19 MS	SB-113_4-5 MS	43 S1- cn		56 S1- cn	
410-192708-19 MSD	SB-113_4-5 MSD	50 S1- cn			65 S1- cn
410-192708-59	SB-111_0-1	123 cn	139 S1+ cn	80	97
410-192708-60	SB-111_4-5	165 S1+ cn	203 S1+ cn	83 cn	95 cn
410-192708-60 MS	SB-111_4-5	137 S1+ cn	164 S1+ cn	81 cn	100 cn
410-192708-60 MSD	SB-111_4-5	138 S1+ cn	162 S1+ cn	84 cn	102 cn
410-192708-62	FD-03_20241017	68 cn	79 cn	75	89
410-192708-94	SED-01_0-1_20241101	61 S1- cn	67 cn	94	75
410-192708-94 MS	SED-01_0-1_20241101	67	75	94	81
410-192708-94 MSD	SED-01_0-1_20241101	60 S1- cn	68 cn	87	71
410-192708-95	SED-02_0-1_20241101	71 cn	74 cn	98	80
410-192708-96	SED-03_0-1_20241101	59 S1- cn	66 cn	88	70
410-192708-97	FD-06_20241101	71 cn	72 cn	91	74
410-192708-102	SED-04_0-1_20241104	73 cn	88 cn	89 cn	88 cn
410-192708-103	SED-05_0-1_20241104	69 cn	82 cn	84 cn	80 cn
410-192708-104	SED-06_0-1_20241104	84 cn	98 cn	102 cn	98 cn
LCS 410-565855/2-A	Lab Control Sample		106	95	
LCS 410-567521/2-A	Lab Control Sample	91	97	81	97
LCS 410-568019/2-A	Lab Control Sample	101	105	89	94
LCS 410-573338/2-A	Lab Control Sample	96	94	99	89
LCS 410-574486/2-A	Lab Control Sample	99	106	91	94
MB 410-565855/1-A	Method Blank		103	95	
MB 410-567521/1-A	Method Blank	80	89	76	92
MB 410-568019/1-A	Method Blank	90	96	88	96
MB 410-573338/1-A	Method Blank	94	91	105	98
MB 410-574486/1-A	Method Blank	102	105	92	95

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

TCX = Tetrachloro-m-xylene

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCB1 (10-148)	DCB2 (10-148)	TCX1 (33-137)	TCX2 (33-137)
410-192708-23	FB-01_20241015	28	29	68	74
410-192708-76	MW-15_20241024	40 cn	37 cn	79 cn	71 cn
410-192708-77	FB-05_20241024	104 cn	104 cn	83 cn	76 cn
410-192708-79	EB-01_20241024	82 cn	82 cn	80 cn	72 cn
410-192708-80	MW-14_20241025	40 cn	38 cn	80 cn	73 cn
410-192708-81	FD-05_20241025	32 cn	31 cn	74 cn	67 cn
410-192708-82	MW-10_20241028	42 cn	40 cn	79 cn	70 cn
410-192708-83	MW-08_20241028	67 cn	66 cn	77	68
410-192708-83 MS	MW-08_20241028	77	75	83	77
410-192708-83 MSD	MW-08_20241028	80	75	82	72
410-192708-84	MW-07_20241028	72 cn	71 cn	78 cn	71 cn
410-192708-85	MW-06_20241028	39 cn	36 cn	76 cn	69 cn
410-192708-88	MW-13_20241030	20	22	59	61
410-192708-90	MW-03_20241030	5 S1- cn	6 S1- cn	63 cn	62 cn
410-192708-91	MW-11_20241030	59	64	66	67
410-192708-92	MW-12_20241030	43	45	72	74
410-192708-93	MW-04_20241031	65	72	75	75
410-192708-100	EB-02_20241101	50	54	76	74
410-192708-101	FB-06_20241101	66	71	73	72
410-192708-108	MW-05_20241104	20	22	71	69
LCS 410-565177/2-A	Lab Control Sample	84	83	76	84
LCS 410-570251/2-A	Lab Control Sample	94	94	85	78
LCS 410-572786/2-A	Lab Control Sample	71	76	66	66
MB 410-565177/1-A	Method Blank	29	29	75	85
MB 410-570251/1-A	Method Blank	95	98	81	74
MB 410-572786/1-A	Method Blank	51	57	56	56

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (54-140)	DCPAA2 (54-140)
410-192708-27	N-3N_0-1	83	60
410-192708-30	N-3S_0-1	85	62
410-192708-39	C-2N_0-1	80	61
LCS 410-566699/2-A	Lab Control Sample	79	67
MB 410-566699/1-A	Method Blank	78	65

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid (Surr)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Job ID: 410-192708-1
Project/Site: Spa Road Property Annapolis MD

Method: 8151A - Herbicides (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	**Client Sample ID**	**DCPAA1 (34-142)**	**DCPAA2 (34-142)**						
410-192708-23	FB-01_20241015	78	75						
LCS 410-565451/2-A	Lab Control Sample	96	92						
LCSD 410-565451/3-A	Lab Control Sample Dup	93	90						
MB 410-565451/1-A	Method Blank	86	81						

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid (Surr)

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

Lab Sample ID: 410-192708-19 MSD
Matrix: Solid
Analysis Batch: 567096

Client Sample ID: SB-113_4-5 MSD
Prep Type: Total/NA
Prep Batch: 565308

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	F2 cn	1210	864	F2	ug/Kg	☼	71	69 - 123	33	30
1,1,2,2-Tetrachloroethane	ND	cn	1210	972		ug/Kg	☼	80	69 - 125	26	30
1,1,2-Trichloroethane	ND	cn	1210	1020		ug/Kg	☼	84	76 - 120	25	30
1,1-Dichloroethane	ND	cn	1210	1060		ug/Kg	☼	87	68 - 120	27	30
1,1-Dichloroethene	ND	cn	1210	924		ug/Kg	☼	76	73 - 129	23	30
1,2,4-Trichlorobenzene	ND	cn	1210	1170		ug/Kg	☼	96	69 - 130	21	30
1,2-Dibromo-3-Chloropropane	ND	cn	1210	774		ug/Kg	☼	64	61 - 134	30	30
1,2-Dibromoethane	ND	cn	1210	947		ug/Kg	☼	78	76 - 120	26	30
1,2-Dichlorobenzene	ND	cn	1210	1090		ug/Kg	☼	90	74 - 120	25	30
1,2-Dichloroethane	ND	cn	1210	972		ug/Kg	☼	80	72 - 124	24	30
1,2-Dichloropropane	ND	cn	1210	1120		ug/Kg	☼	92	70 - 124	25	30
1,3-Dichlorobenzene	ND	cn	1210	1110		ug/Kg	☼	91	75 - 120	24	30
1,4-Dichlorobenzene	ND	cn	1210	1110		ug/Kg	☼	91	76 - 122	23	30
2-Butanone	ND	cn	27300	14100		ug/Kg	☼	52	48 - 142	15	30
2-Hexanone	ND	F1 cn	27300	14600	F1	ug/Kg	☼	53	54 - 140	21	30
4-Methyl-2-pentanone	ND	F1 cn	27300	14700	F1	ug/Kg	☼	54	67 - 138	22	30
Acetone	ND	cn	27300	15700		ug/Kg	☼	57	28 - 169	16	30
Benzene	ND	cn	1210	1060		ug/Kg	☼	88	80 - 120	25	30
Bromodichloromethane	ND	F2 cn	1210	891	F2	ug/Kg	☼	73	70 - 120	34	30
Bromoform	ND	*- F1 F2 cn	1210	657	F1 F2	ug/Kg	☼	54	66 - 127	44	30
Bromomethane	ND	cn	1210	790		ug/Kg	☼	65	60 - 120	13	30
Carbon disulfide	ND	F1 cn	1210	731	F1	ug/Kg	☼	60	64 - 133	28	30
Carbon tetrachloride	ND	*- F1 F2 cn	1210	694	F1 F2	ug/Kg	☼	57	64 - 120	45	30
Chlorobenzene	ND	cn	1210	1080		ug/Kg	☼	89	74 - 120	24	30
Chloroethane	ND	cn	1210	1060		ug/Kg	☼	88	55 - 127	18	30
Chloroform	ND	cn	1210	975		ug/Kg	☼	80	73 - 120	26	30
Chloromethane	ND	cn	1210	805		ug/Kg	☼	66	43 - 120	16	30
cis-1,2-Dichloroethene	ND	cn	1210	1040		ug/Kg	☼	86	80 - 123	26	30
cis-1,3-Dichloropropene	ND	F2 cn	1210	924	F2	ug/Kg	☼	76	66 - 120	32	30
Cyclohexane	ND	cn	1210	847		ug/Kg	☼	70	58 - 126	26	30
Dibromochloromethane	ND	F1 F2 cn	1210	788	F1 F2	ug/Kg	☼	65	69 - 125	39	30
Dichlorodifluoromethane	ND	F1 cn	1210	374	F1	ug/Kg	☼	31	44 - 120	19	30
Ethylbenzene	ND	cn	1210	1070		ug/Kg	☼	88	72 - 118	24	30
Freon 113	ND	cn	1210	727		ug/Kg	☼	60	53 - 126	23	30
Isopropylbenzene	ND	cn	1210	1200		ug/Kg	☼	99	77 - 120	26	30
Methyl acetate	99	J cn	1210	907		ug/Kg	☼	67	59 - 137	28	30
Methyl tertiary butyl ether	ND	cn	1210	969		ug/Kg	☼	80	63 - 120	26	30
Methylcyclohexane	ND	cn	1210	881		ug/Kg	☼	73	61 - 124	27	30
Methylene Chloride	ND	cn	1210	1040		ug/Kg	☼	85	76 - 122	26	30
Styrene	ND	cn	1210	1080		ug/Kg	☼	89	76 - 120	24	30
Tetrachloroethene	ND	cn	1210	1040		ug/Kg	☼	86	73 - 120	25	30
Toluene	ND	cn	1210	1060		ug/Kg	☼	87	71 - 120	25	30
trans-1,2-Dichloroethene	ND	cn	1210	1020		ug/Kg	☼	84	71 - 126	24	30
trans-1,3-Dichloropropene	ND	F2 cn	1210	872	F2	ug/Kg	☼	72	68 - 122	31	30
Trichloroethene	ND	cn	1210	1040		ug/Kg	☼	86	72 - 120	27	30
Trichlorofluoromethane	ND	cn	1210	821		ug/Kg	☼	68	49 - 120	22	30
Vinyl chloride	ND	cn	1210	799		ug/Kg	☼	66	52 - 120	18	30

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

Lab Sample ID: 410-192708-19 MSD — **Client Sample ID: SB-113_4-5 MSD**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 567096 — **Prep Batch: 565308**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total	ND	cn	3640	3180		ug/Kg	☼	87	75 - 120	25	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*54 - 135*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*
Dibromofluoromethane (Surr)	*97*		*50 - 141*
Toluene-d8 (Surr)	*99*		*52 - 141*

Lab Sample ID: 410-192708-15 MS — **Client Sample ID: SB-100_4-5 MS**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 566202 — **Prep Batch: 565309**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		17.9	19.7		ug/Kg	☼	110	69 - 123
1,1,2,2-Tetrachloroethane	ND		17.9	20.0		ug/Kg	☼	112	69 - 125
1,1,2-Trichloroethane	ND		17.9	19.3		ug/Kg	☼	108	76 - 120
1,1-Dichloroethane	ND		17.9	19.4		ug/Kg	☼	109	68 - 120
1,1-Dichloroethene	ND		17.9	20.7		ug/Kg	☼	116	73 - 129
1,2,4-Trichlorobenzene	ND		17.9	14.6		ug/Kg	☼	81	69 - 130
1,2-Dibromo-3-Chloropropane	ND		17.9	17.3		ug/Kg	☼	97	61 - 134
1,2-Dibromoethane	ND		17.9	18.9		ug/Kg	☼	105	76 - 120
1,2-Dichlorobenzene	ND		17.9	17.7		ug/Kg	☼	99	74 - 120
1,2-Dichloroethane	ND		17.9	18.8		ug/Kg	☼	105	72 - 124
1,2-Dichloropropane	ND		17.9	18.8		ug/Kg	☼	105	70 - 124
1,3-Dichlorobenzene	ND		17.9	17.8		ug/Kg	☼	99	75 - 120
1,4-Dichlorobenzene	ND		17.9	17.2		ug/Kg	☼	96	76 - 122
2-Butanone	ND		224	224		ug/Kg	☼	100	48 - 142
2-Hexanone	ND		224	246		ug/Kg	☼	110	54 - 140
4-Methyl-2-pentanone	ND		224	267		ug/Kg	☼	119	67 - 138
Acetone	19	J	224	212		ug/Kg	☼	86	28 - 169
Benzene	ND		17.9	18.7		ug/Kg	☼	104	80 - 120
Bromodichloromethane	ND		17.9	18.8		ug/Kg	☼	105	70 - 120
Bromoform	ND		17.9	19.4		ug/Kg	☼	108	66 - 127
Bromomethane	ND		17.9	17.5		ug/Kg	☼	98	60 - 120
Carbon disulfide	ND		17.9	18.5		ug/Kg	☼	103	64 - 133
Carbon tetrachloride	ND		17.9	19.9		ug/Kg	☼	111	64 - 120
Chlorobenzene	ND		17.9	18.3		ug/Kg	☼	102	74 - 120
Chloroethane	ND		17.9	18.0		ug/Kg	☼	101	55 - 127
Chloroform	ND		17.9	17.0		ug/Kg	☼	95	73 - 120
Chloromethane	ND		17.9	17.5		ug/Kg	☼	98	43 - 120
cis-1,2-Dichloroethene	ND		17.9	19.0		ug/Kg	☼	106	80 - 123
cis-1,3-Dichloropropene	ND		17.9	17.5		ug/Kg	☼	98	66 - 120
Cyclohexane	ND		17.9	18.9		ug/Kg	☼	106	58 - 126
Dibromochloromethane	ND		17.9	19.1		ug/Kg	☼	107	69 - 125
Dichlorodifluoromethane	ND		17.9	19.5		ug/Kg	☼	109	44 - 120
Ethylbenzene	ND		17.9	18.9		ug/Kg	☼	106	72 - 118
Freon 113	ND		17.9	19.4		ug/Kg	☼	108	53 - 126
Isopropylbenzene	ND		17.9	20.4		ug/Kg	☼	114	77 - 120

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

Lab Sample ID: 410-192708-15 MS
Matrix: Solid
Analysis Batch: 566202

Client Sample ID: SB-100_4-5 MS
Prep Type: Total/NA
Prep Batch: 565309

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	ND		17.9	18.8		ug/Kg	☼	105	59 - 137
Methyl tertiary butyl ether	ND		17.9	16.7		ug/Kg	☼	93	63 - 120
Methylcyclohexane	ND		17.9	19.5		ug/Kg	☼	109	61 - 124
Methylene Chloride	ND		17.9	18.7		ug/Kg	☼	105	76 - 122
Styrene	ND		17.9	17.9		ug/Kg	☼	100	76 - 120
Tetrachloroethene	ND		17.9	19.3		ug/Kg	☼	108	73 - 120
Toluene	ND		17.9	18.6		ug/Kg	☼	104	71 - 120
trans-1,2-Dichloroethene	ND		17.9	19.3		ug/Kg	☼	108	71 - 126
trans-1,3-Dichloropropene	ND		17.9	18.5		ug/Kg	☼	104	68 - 122
Trichloroethene	ND		17.9	18.5		ug/Kg	☼	104	72 - 120
Trichlorofluoromethane	ND		17.9	19.1		ug/Kg	☼	107	49 - 120
Vinyl chloride	ND		17.9	18.0		ug/Kg	☼	101	52 - 120
Xylenes, Total	ND		53.7	55.9		ug/Kg	☼	104	75 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*
Dibromofluoromethane (Surr)	*103*		*50 - 141*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*
Toluene-d8 (Surr)	*100*		*52 - 141*

Lab Sample ID: 410-192708-15 MSD
Matrix: Solid
Analysis Batch: 566202

Client Sample ID: SB-100_4-5 MSD
Prep Type: Total/NA
Prep Batch: 565309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		21.9	23.8		ug/Kg	☼	109	69 - 123	19	30
1,1,2,2-Tetrachloroethane	ND		21.9	26.6		ug/Kg	☼	121	69 - 125	28	30
1,1,2-Trichloroethane	ND		21.9	24.2		ug/Kg	☼	110	76 - 120	22	30
1,1-Dichloroethane	ND		21.9	23.6		ug/Kg	☼	108	68 - 120	19	30
1,1-Dichloroethene	ND		21.9	24.0		ug/Kg	☼	110	73 - 129	15	30
1,2,4-Trichlorobenzene	ND		21.9	15.3		ug/Kg	☼	70	69 - 130	5	30
1,2-Dibromo-3-Chloropropane	ND		21.9	22.5		ug/Kg	☼	103	61 - 134	26	30
1,2-Dibromoethane	ND		21.9	23.3		ug/Kg	☼	106	76 - 120	21	30
1,2-Dichlorobenzene	ND		21.9	21.6		ug/Kg	☼	98	74 - 120	20	30
1,2-Dichloroethane	ND		21.9	23.0		ug/Kg	☼	105	72 - 124	20	30
1,2-Dichloropropane	ND		21.9	23.2		ug/Kg	☼	106	70 - 124	21	30
1,3-Dichlorobenzene	ND		21.9	21.7		ug/Kg	☼	99	75 - 120	20	30
1,4-Dichlorobenzene	ND		21.9	20.6		ug/Kg	☼	94	76 - 122	18	30
2-Butanone	ND		274	275		ug/Kg	☼	100	48 - 142	20	30
2-Hexanone	ND		274	329		ug/Kg	☼	120	54 - 140	29	30
4-Methyl-2-pentanone	ND		274	344		ug/Kg	☼	126	67 - 138	25	30
Acetone	19	J	274	265		ug/Kg	☼	90	28 - 169	22	30
Benzene	ND		21.9	22.7		ug/Kg	☼	104	80 - 120	19	30
Bromodichloromethane	ND		21.9	23.1		ug/Kg	☼	106	70 - 120	21	30
Bromoform	ND		21.9	23.5		ug/Kg	☼	107	66 - 127	19	30
Bromomethane	ND		21.9	22.6		ug/Kg	☼	103	60 - 120	25	30
Carbon disulfide	ND		21.9	21.8		ug/Kg	☼	100	64 - 133	16	30
Carbon tetrachloride	ND		21.9	24.0		ug/Kg	☼	109	64 - 120	19	30

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

Lab Sample ID: 410-192708-15 MSD
Matrix: Solid
Analysis Batch: 566202

Client Sample ID: SB-100_4-5 MSD
Prep Type: Total/NA
Prep Batch: 565309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobenzene	ND		21.9	22.5		ug/Kg	☼	103	74 - 120	21	30
Chloroethane	ND		21.9	21.4		ug/Kg	☼	98	55 - 127	17	30
Chloroform	ND		21.9	20.7		ug/Kg	☼	94	73 - 120	20	30
Chloromethane	ND		21.9	21.7		ug/Kg	☼	99	43 - 120	21	30
cis-1,2-Dichloroethene	ND		21.9	22.5		ug/Kg	☼	103	80 - 123	17	30
cis-1,3-Dichloropropene	ND		21.9	21.0		ug/Kg	☼	96	66 - 120	18	30
Cyclohexane	ND		21.9	22.8		ug/Kg	☼	104	58 - 126	19	30
Dibromochloromethane	ND		21.9	24.0		ug/Kg	☼	110	69 - 125	23	30
Dichlorodifluoromethane	ND		21.9	24.0		ug/Kg	☼	110	44 - 120	21	30
Ethylbenzene	ND		21.9	23.5		ug/Kg	☼	107	72 - 118	22	30
Freon 113	ND		21.9	23.5		ug/Kg	☼	107	53 - 126	19	30
Isopropylbenzene	ND		21.9	24.8		ug/Kg	☼	113	77 - 120	19	30
Methyl acetate	ND		21.9	24.3		ug/Kg	☼	111	59 - 137	26	30
Methyl tertiary butyl ether	ND		21.9	21.1		ug/Kg	☼	96	63 - 120	24	30
Methylcyclohexane	ND		21.9	23.3		ug/Kg	☼	106	61 - 124	18	30
Methylene Chloride	ND		21.9	22.0		ug/Kg	☼	100	76 - 122	16	30
Styrene	ND		21.9	21.1		ug/Kg	☼	96	76 - 120	16	30
Tetrachloroethene	ND		21.9	24.1		ug/Kg	☼	110	73 - 120	22	30
Toluene	ND		21.9	23.0		ug/Kg	☼	105	71 - 120	21	30
trans-1,2-Dichloroethene	ND		21.9	22.5		ug/Kg	☼	103	71 - 126	15	30
trans-1,3-Dichloropropene	ND		21.9	21.9		ug/Kg	☼	100	68 - 122	17	30
Trichloroethene	ND		21.9	22.2		ug/Kg	☼	101	72 - 120	18	30
Trichlorofluoromethane	ND		21.9	23.4		ug/Kg	☼	107	49 - 120	20	30
Vinyl chloride	ND		21.9	22.5		ug/Kg	☼	103	52 - 120	22	30
Xylenes, Total	ND		65.7	68.3		ug/Kg	☼	104	75 - 120	20	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: MB 410-566202/7
Matrix: Solid
Analysis Batch: 566202

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		5.0	0.80	ug/Kg			10/22/24 13:22	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			10/22/24 13:22	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			10/22/24 13:22	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			10/22/24 13:22	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			10/22/24 13:22	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			10/22/24 13:22	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1

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

Lab Sample ID: MB 410-566202/7
Matrix: Solid
Analysis Batch: 566202

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			10/22/24 13:22	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			10/22/24 13:22	1
2-Butanone	ND		10	2.0	ug/Kg			10/22/24 13:22	1
2-Hexanone	ND		10	2.5	ug/Kg			10/22/24 13:22	1
4-Methyl-2-pentanone	ND		10	2.0	ug/Kg			10/22/24 13:22	1
Acetone	ND		20	6.0	ug/Kg			10/22/24 13:22	1
Benzene	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
Bromodichloromethane	ND		5.0	0.70	ug/Kg			10/22/24 13:22	1
Bromoform	ND		10	5.0	ug/Kg			10/22/24 13:22	1
Bromomethane	ND		5.0	1.0	ug/Kg			10/22/24 13:22	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			10/22/24 13:22	1
Chloroethane	ND		5.0	1.0	ug/Kg			10/22/24 13:22	1
Chloroform	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
Chloromethane	ND		5.0	1.0	ug/Kg			10/22/24 13:22	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			10/22/24 13:22	1
Cyclohexane	ND		5.0	0.90	ug/Kg			10/22/24 13:22	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			10/22/24 13:22	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			10/22/24 13:22	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/22/24 13:22	1
Freon 113	ND		10	0.90	ug/Kg			10/22/24 13:22	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			10/22/24 13:22	1
Methyl acetate	ND		5.0	1.0	ug/Kg			10/22/24 13:22	1
Methyl tertiary butyl ether	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			10/22/24 13:22	1
Styrene	ND		5.0	0.90	ug/Kg			10/22/24 13:22	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			10/22/24 13:22	1
Toluene	ND		5.0	1.0	ug/Kg			10/22/24 13:22	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			10/22/24 13:22	1
Trichloroethene	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			10/22/24 13:22	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			10/22/24 13:22	1
Xylenes, Total	ND		10	0.70	ug/Kg			10/22/24 13:22	1

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*		*10/22/24 13:22*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*		*10/22/24 13:22*	*1*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*		*10/22/24 13:22*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 141*		*10/22/24 13:22*	*1*
Toluene-d8 (Surr)	*97*		*52 - 141*		*10/22/24 13:22*	*1*

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

Lab Sample ID: LCS 410-566202/4
Matrix: Solid
Analysis Batch: 566202

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	20.0	21.0		ug/Kg		105	69 - 123
1,1,2,2-Tetrachloroethane	20.0	19.6		ug/Kg		98	69 - 125
1,1,2-Trichloroethane	20.0	19.8		ug/Kg		99	76 - 120
1,1-Dichloroethane	20.0	20.7		ug/Kg		104	68 - 120
1,1-Dichloroethene	20.0	20.8		ug/Kg		104	73 - 129
1,2,4-Trichlorobenzene	20.0	17.2		ug/Kg		86	69 - 130
1,2-Dibromo-3-Chloropropane	20.0	16.8		ug/Kg		84	61 - 134
1,2-Dibromoethane	20.0	19.4		ug/Kg		97	76 - 120
1,2-Dichlorobenzene	20.0	19.3		ug/Kg		96	74 - 120
1,2-Dichloroethane	20.0	19.9		ug/Kg		100	72 - 124
1,2-Dichloropropane	20.0	20.3		ug/Kg		102	70 - 124
1,3-Dichlorobenzene	20.0	19.4		ug/Kg		97	75 - 120
1,4-Dichlorobenzene	20.0	18.9		ug/Kg		94	76 - 122
2-Butanone	250	232		ug/Kg		93	48 - 142
2-Hexanone	250	230		ug/Kg		92	54 - 140
4-Methyl-2-pentanone	250	251		ug/Kg		101	67 - 138
Acetone	250	212		ug/Kg		85	28 - 169
Benzene	20.0	20.0		ug/Kg		100	80 - 120
Bromodichloromethane	20.0	20.2		ug/Kg		101	70 - 120
Bromoform	20.0	18.9		ug/Kg		95	66 - 127
Bromomethane	20.0	18.7		ug/Kg		93	60 - 120
Carbon disulfide	20.0	18.8		ug/Kg		94	64 - 133
Carbon tetrachloride	20.0	20.4		ug/Kg		102	64 - 120
Chlorobenzene	20.0	20.0		ug/Kg		100	74 - 120
Chloroethane	20.0	18.9		ug/Kg		95	55 - 127
Chloroform	20.0	18.4		ug/Kg		92	73 - 120
Chloromethane	20.0	18.3		ug/Kg		92	43 - 120
cis-1,2-Dichloroethene	20.0	20.4		ug/Kg		102	80 - 125
cis-1,3-Dichloropropene	20.0	19.1		ug/Kg		95	66 - 120
Cyclohexane	20.0	18.7		ug/Kg		93	58 - 126
Dibromochloromethane	20.0	19.5		ug/Kg		97	69 - 125
Dichlorodifluoromethane	20.0	18.2		ug/Kg		91	44 - 120
Ethylbenzene	20.0	20.4		ug/Kg		102	72 - 118
Freon 113	20.0	18.6		ug/Kg		93	53 - 126
Isopropylbenzene	20.0	22.2		ug/Kg		111	77 - 120
Methyl acetate	20.0	18.1		ug/Kg		91	59 - 137
Methyl tertiary butyl ether	20.0	17.8		ug/Kg		89	63 - 120
Methylcyclohexane	20.0	19.1		ug/Kg		95	61 - 124
Methylene Chloride	20.0	20.4		ug/Kg		102	76 - 122
Styrene	20.0	19.7		ug/Kg		99	76 - 120
Tetrachloroethene	20.0	20.1		ug/Kg		101	73 - 120
Toluene	20.0	19.7		ug/Kg		98	71 - 120
trans-1,2-Dichloroethene	20.0	20.8		ug/Kg		104	71 - 126
trans-1,3-Dichloropropene	20.0	19.4		ug/Kg		97	68 - 122
Trichloroethene	20.0	20.0		ug/Kg		100	72 - 120
Trichlorofluoromethane	20.0	18.6		ug/Kg		93	49 - 120
Vinyl chloride	20.0	18.7		ug/Kg		93	52 - 120
Xylenes, Total	60.0	61.2		ug/Kg		102	75 - 120

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

Lab Sample ID: LCS 410-566202/4
Matrix: Solid
Analysis Batch: 566202

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		54 - 135
4-Bromofluorobenzene (Surr)	100		50 - 131
Dibromofluoromethane (Surr)	103		50 - 141
Toluene-d8 (Surr)	99		52 - 141

Lab Sample ID: LCSD 410-566202/5
Matrix: Solid
Analysis Batch: 566202

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	20.0	20.5		ug/Kg		102	69 - 123	2	30
1,1,2,2-Tetrachloroethane	20.0	20.4		ug/Kg		102	69 - 125	4	30
1,1,2-Trichloroethane	20.0	20.2		ug/Kg		101	76 - 120	2	30
1,1-Dichloroethane	20.0	20.7		ug/Kg		104	68 - 120	0	30
1,1-Dichloroethene	20.0	20.6		ug/Kg		103	73 - 129	1	30
1,2,4-Trichlorobenzene	20.0	17.1		ug/Kg		86	69 - 130	0	30
1,2-Dibromo-3-Chloropropane	20.0	17.0		ug/Kg		85	61 - 134	1	30
1,2-Dibromoethane	20.0	19.8		ug/Kg		99	76 - 120	2	30
1,2-Dichlorobenzene	20.0	19.7		ug/Kg		98	74 - 120	2	30
1,2-Dichloroethane	20.0	19.6		ug/Kg		98	72 - 124	1	30
1,2-Dichloropropane	20.0	20.2		ug/Kg		101	70 - 124	0	30
1,3-Dichlorobenzene	20.0	19.5		ug/Kg		97	75 - 120	0	30
1,4-Dichlorobenzene	20.0	18.9		ug/Kg		94	76 - 122	0	30
2-Butanone	250	232		ug/Kg		93	48 - 142	0	30
2-Hexanone	250	247		ug/Kg		99	54 - 140	7	30
4-Methyl-2-pentanone	250	263		ug/Kg		105	67 - 138	5	30
Acetone	250	209		ug/Kg		84	28 - 169	2	30
Benzene	20.0	19.9		ug/Kg		99	80 - 120	1	30
Bromodichloromethane	20.0	20.2		ug/Kg		101	70 - 120	0	30
Bromoform	20.0	20.2		ug/Kg		101	66 - 127	6	30
Bromomethane	20.0	18.7		ug/Kg		94	60 - 120	0	30
Carbon disulfide	20.0	18.6		ug/Kg		93	64 - 133	1	30
Carbon tetrachloride	20.0	20.3		ug/Kg		101	64 - 120	1	30
Chlorobenzene	20.0	19.9		ug/Kg		99	74 - 120	0	30
Chloroethane	20.0	18.6		ug/Kg		93	55 - 127	2	30
Chloroform	20.0	18.4		ug/Kg		92	73 - 120	0	30
Chloromethane	20.0	18.6		ug/Kg		93	43 - 120	2	30
cis-1,2-Dichloroethene	20.0	20.2		ug/Kg		101	80 - 125	1	30
cis-1,3-Dichloropropene	20.0	18.9		ug/Kg		94	66 - 120	1	30
Cyclohexane	20.0	18.5		ug/Kg		92	58 - 126	1	30
Dibromochloromethane	20.0	20.3		ug/Kg		102	69 - 125	4	30
Dichlorodifluoromethane	20.0	17.9		ug/Kg		89	44 - 120	2	30
Ethylbenzene	20.0	20.6		ug/Kg		103	72 - 118	1	30
Freon 113	20.0	18.4		ug/Kg		92	53 - 126	1	30
Isopropylbenzene	20.0	22.3		ug/Kg		112	77 - 120	0	30
Methyl acetate	20.0	19.7		ug/Kg		98	59 - 137	8	30
Methyl tertiary butyl ether	20.0	17.8		ug/Kg		89	63 - 120	0	30
Methylcyclohexane	20.0	18.6		ug/Kg		93	61 - 124	3	30

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

Lab Sample ID: LCSD 410-566202/5
Matrix: Solid
Analysis Batch: 566202

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
Methylene Chloride			20.0	20.4		ug/Kg		102	76 - 122	0	30
Styrene			20.0	19.7		ug/Kg		99	76 - 120	0	30
Tetrachloroethene			20.0	20.3		ug/Kg		102	73 - 120	1	30
Toluene			20.0	19.8		ug/Kg		99	71 - 120	1	30
trans-1,2-Dichloroethene			20.0	20.3		ug/Kg		101	71 - 126	3	30
trans-1,3-Dichloropropene			20.0	20.0		ug/Kg		100	68 - 122	3	30
Trichloroethene			20.0	19.8		ug/Kg		99	72 - 120	1	30
Trichlorofluoromethane			20.0	18.5		ug/Kg		93	49 - 120	1	30
Vinyl chloride			20.0	18.0		ug/Kg		90	52 - 120	4	30
Xylenes, Total			60.0	61.2		ug/Kg		102	75 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*
Dibromofluoromethane (Surr)	*102*		*50 - 141*
Toluene-d8 (Surr)	*99*		*52 - 141*

Lab Sample ID: 410-192708-60 MS
Matrix: Solid
Analysis Batch: 567264

Client Sample ID: SB-111_4-5
Prep Type: Total/NA
Prep Batch: 566497

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	ND	F1 cn	22.1	47.3	F1	ug/Kg	☼	214	69 - 123		
1,1,2,2-Tetrachloroethane	ND	*3 F1 cn	22.1	58.0	*3 F1	ug/Kg	☼	263	69 - 125		
1,1,2-Trichloroethane	ND	*3 F1 cn	22.1	51.8	*3 F1	ug/Kg	☼	235	76 - 120		
1,1-Dichloroethane	ND	F1 cn	22.1	47.6	F1	ug/Kg	☼	216	68 - 120		
1,1-Dichloroethene	ND	F1 cn	22.1	48.6	F1	ug/Kg	☼	220	73 - 129		
1,2,4-Trichlorobenzene	ND	*3 F1 cn	22.1	36.0	*3 F1	ug/Kg	☼	163	69 - 130		
1,2-Dibromo-3-Chloropropane	ND	*3 F1 cn	22.1	42.5	*3 F1	ug/Kg	☼	193	61 - 134		
1,2-Dibromoethane	ND	*3 F1 cn	22.1	47.7	*3 F1	ug/Kg	☼	216	76 - 120		
1,2-Dichlorobenzene	ND	*3 F1 cn	22.1	51.3	*3 F1	ug/Kg	☼	233	74 - 120		
1,2-Dichloroethane	ND	F1 cn	22.1	49.3	F1	ug/Kg	☼	224	72 - 124		
1,2-Dichloropropane	ND	F1 cn	22.1	48.4	F1	ug/Kg	☼	219	70 - 124		
1,3-Dichlorobenzene	ND	*3 F1 cn	22.1	53.2	*3 F1	ug/Kg	☼	241	75 - 120		
1,4-Dichlorobenzene	ND	*3 F1 cn	22.1	50.1	*3 F1	ug/Kg	☼	227	76 - 122		
2-Butanone	ND	*3 F1 cn	276	787	E *3 F1	ug/Kg	☼	285	48 - 142		
2-Hexanone	ND	*3 F1 cn	276	551	*3 F1	ug/Kg	☼	200	54 - 140		
4-Methyl-2-pentanone	ND	F1 cn	276	564	F1	ug/Kg	☼	205	67 - 138		
Acetone	50	*3 F1 cn	276	735	E *3 F1	ug/Kg	☼	249	28 - 169		
Benzene	16	F1 cn	22.1	64.7	F1	ug/Kg	☼	220	80 - 120		
Bromodichloromethane	ND	F1 cn	22.1	48.8	F1	ug/Kg	☼	221	70 - 120		
Bromoform	ND	*3 F1 cn	22.1	44.8	*3 F1	ug/Kg	☼	203	66 - 127		
Bromomethane	ND	F1 cn	22.1	46.6	F1	ug/Kg	☼	211	60 - 120		
Carbon disulfide	2.5	J F1 cn	22.1	40.9	F1	ug/Kg	☼	174	64 - 133		
Carbon tetrachloride	ND	F1 cn	22.1	47.8	F1	ug/Kg	☼	217	64 - 120		
Chlorobenzene	ND	*3 F1 cn	22.1	47.8	*3 F1	ug/Kg	☼	217	74 - 120		
Chloroethane	ND	F1 cn	22.1	40.6	F1	ug/Kg	☼	184	55 - 127		
Chloroform	ND	F1 cn	22.1	44.4	F1	ug/Kg	☼	201	73 - 120		

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

Lab Sample ID: 410-192708-60 MS
Matrix: Solid
Analysis Batch: 567264

Client Sample ID: SB-111_4-5
Prep Type: Total/NA
Prep Batch: 566497

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	1.9	J F1 cn	22.1	51.6	F1	ug/Kg	☼	226	43 - 120
cis-1,2-Dichloroethene	ND	F1 cn	22.1	45.1	F1	ug/Kg	☼	205	80 - 123
cis-1,3-Dichloropropene	ND	F1 cn	22.1	45.3	F1	ug/Kg	☼	205	66 - 120
Cyclohexane	ND	F1 cn	22.1	45.6	F1	ug/Kg	☼	207	58 - 126
Dibromochloromethane	ND	*3 F1 cn	22.1	48.2	*3 F1	ug/Kg	☼	218	69 - 125
Dichlorodifluoromethane	ND	F1 cn	22.1	42.6	F1	ug/Kg	☼	193	44 - 120
Ethylbenzene	1.5	J *3 F1 cn	22.1	50.5	*3 F1	ug/Kg	☼	222	72 - 118
Freon 113	ND	F1 cn	22.1	47.2	F1	ug/Kg	☼	214	53 - 126
Isopropylbenzene	ND	*3 F1 cn	22.1	56.5	*3 F1	ug/Kg	☼	256	77 - 120
Methyl acetate	ND	*3 F1 cn	22.1	62.2	*3 F1	ug/Kg	☼	282	59 - 137
Methyl tertiary butyl ether	ND	F1 cn	22.1	47.7	F1	ug/Kg	☼	216	63 - 120
Methylcyclohexane	ND	F1 cn	22.1	46.8	F1	ug/Kg	☼	212	61 - 124
Methylene Chloride	ND	F1 cn	22.1	44.6	F1	ug/Kg	☼	202	76 - 122
Styrene	ND	*3 F1 cn	22.1	45.8	*3 F1	ug/Kg	☼	207	76 - 120
Tetrachloroethene	31	*3 F1 cn	22.1	76.2	*3 F1	ug/Kg	☼	204	73 - 120
Toluene	9.3	*3 F1 cn	22.1	55.4	*3 F1	ug/Kg	☼	209	71 - 120
trans-1,2-Dichloroethene	ND	F1 cn	22.1	44.2	F1	ug/Kg	☼	200	71 - 126
trans-1,3-Dichloropropene	ND	*3 F1 cn	22.1	45.7	*3 F1	ug/Kg	☼	207	68 - 122
Trichloroethene	ND	F1 cn	22.1	47.6	F1	ug/Kg	☼	216	72 - 120
Trichlorofluoromethane	ND	F1 cn	22.1	48.7	F1	ug/Kg	☼	221	49 - 120
Vinyl chloride	ND	F1 cn	22.1	47.4	F1	ug/Kg	☼	215	52 - 120
Xylenes, Total	ND	*3 F1 cn	66.2	146	*3 F1	ug/Kg	☼	221	75 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*
Dibromofluoromethane (Surr)	*104*		*50 - 141*
4-Bromofluorobenzene (Surr)	*91*	**3*	*50 - 131*
Toluene-d8 (Surr)	*105*	**3*	*52 - 141*

Lab Sample ID: 410-192708-60 MSD
Matrix: Solid
Analysis Batch: 567264

Client Sample ID: SB-111_4-5
Prep Type: Total/NA
Prep Batch: 566497

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	F1 cn	24.8	46.4	F1	ug/Kg	☼	187	69 - 123	2	30
1,1,2,2-Tetrachloroethane	ND	*3 F1 cn	24.8	65.5	*3 F1	ug/Kg	☼	264	69 - 125	12	30
1,1,2-Trichloroethane	ND	*3 F1 cn	24.8	53.1	F1	ug/Kg	☼	214	76 - 120	2	30
1,1-Dichloroethane	ND	F1 cn	24.8	44.4	F1	ug/Kg	☼	179	68 - 120	7	30
1,1-Dichloroethene	ND	F1 cn	24.8	47.1	F1	ug/Kg	☼	190	73 - 129	3	30
1,2,4-Trichlorobenzene	ND	*3 F1 cn	24.8	32.5	*3 F1	ug/Kg	☼	131	69 - 130	10	30
1,2-Dibromo-3-Chloropropane	ND	*3 F1 cn	24.8	43.3	*3 F1	ug/Kg	☼	174	61 - 134	2	30
1,2-Dibromoethane	ND	*3 F1 cn	24.8	45.7	F1	ug/Kg	☼	184	76 - 120	4	30
1,2-Dichlorobenzene	ND	*3 F1 cn	24.8	51.0	*3 F1	ug/Kg	☼	206	74 - 120	1	30
1,2-Dichloroethane	ND	F1 cn	24.8	47.2	F1	ug/Kg	☼	190	72 - 124	4	30
1,2-Dichloropropane	ND	F1 cn	24.8	47.4	F1	ug/Kg	☼	191	70 - 124	2	30
1,3-Dichlorobenzene	ND	*3 F1 cn	24.8	53.7	*3 F1	ug/Kg	☼	217	75 - 120	1	30
1,4-Dichlorobenzene	ND	*3 F1 cn	24.8	49.4	*3 F1	ug/Kg	☼	199	76 - 122	1	30
2-Butanone	ND	*3 F1 cn	310	669	F1	ug/Kg	☼	216	48 - 142	16	30

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

Lab Sample ID: 410-192708-60 MSD
Matrix: Solid
Analysis Batch: 567264

Client Sample ID: SB-111_4-5
Prep Type: Total/NA
Prep Batch: 566497

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone	ND	*3 F1 cn	310	571	F1	ug/Kg	☼	184	54 - 140	4	30
4-Methyl-2-pentanone	ND	F1 cn	310	563	F1	ug/Kg	☼	182	67 - 138	0	30
Acetone	50	*3 F1 cn	310	611	F1	ug/Kg	☼	181	28 - 169	18	30
Benzene	16	F1 cn	24.8	54.8	F1	ug/Kg	☼	156	80 - 120	17	30
Bromodichloromethane	ND	F1 cn	24.8	46.7	F1	ug/Kg	☼	188	70 - 120	4	30
Bromoform	ND	*3 F1 cn	24.8	41.8	F1	ug/Kg	☼	168	66 - 127	7	30
Bromomethane	ND	F1 cn	24.8	42.9	F1	ug/Kg	☼	173	60 - 120	8	30
Carbon disulfide	2.5	J F1 cn	24.8	38.6	F1	ug/Kg	☼	146	64 - 133	6	30
Carbon tetrachloride	ND	F1 cn	24.8	46.9	F1	ug/Kg	☼	189	64 - 120	2	30
Chlorobenzene	ND	*3 F1 cn	24.8	46.0	F1	ug/Kg	☼	185	74 - 120	4	30
Chloroethane	ND	F1 cn	24.8	39.2	F1	ug/Kg	☼	158	55 - 127	4	30
Chloroform	ND	F1 cn	24.8	43.8	F1	ug/Kg	☼	177	73 - 120	1	30
Chloromethane	1.9	J F1 cn	24.8	46.5	F1	ug/Kg	☼	180	43 - 120	10	30
cis-1,2-Dichloroethene	ND	F1 cn	24.8	42.4	F1	ug/Kg	☼	171	80 - 123	6	30
cis-1,3-Dichloropropene	ND	F1 cn	24.8	42.4	F1	ug/Kg	☼	171	66 - 120	7	30
Cyclohexane	ND	F1 cn	24.8	44.0	F1	ug/Kg	☼	177	58 - 126	3	30
Dibromochloromethane	ND	*3 F1 cn	24.8	49.7	F1	ug/Kg	☼	200	69 - 125	3	30
Dichlorodifluoromethane	ND	F1 cn	24.8	37.8	F1	ug/Kg	☼	152	44 - 120	12	30
Ethylbenzene	1.5	J *3 F1 cn	24.8	50.9	F1	ug/Kg	☼	199	72 - 118	1	30
Freon 113	ND	F1 cn	24.8	45.7	F1	ug/Kg	☼	184	53 - 126	3	30
Isopropylbenzene	ND	*3 F1 cn	24.8	57.0	F1	ug/Kg	☼	230	77 - 120	1	30
Methyl acetate	ND	*3 F1 cn	24.8	49.9	F1	ug/Kg	☼	201	59 - 137	22	30
Methyl tertiary butyl ether	ND	F1 cn	24.8	46.9	F1	ug/Kg	☼	189	63 - 120	2	30
Methylcyclohexane	ND	F1 cn	24.8	43.8	F1	ug/Kg	☼	176	61 - 124	7	30
Methylene Chloride	ND	F1 cn	24.8	43.5	F1	ug/Kg	☼	175	76 - 122	2	30
Styrene	ND	*3 F1 cn	24.8	42.1	F1	ug/Kg	☼	170	76 - 120	8	30
Tetrachloroethene	31	*3 F1 cn	24.8	79.9	F1	ug/Kg	☼	196	73 - 120	5	30
Toluene	9.3	*3 F1 cn	24.8	57.1	F1	ug/Kg	☼	193	71 - 120	3	30
trans-1,2-Dichloroethene	ND	F1 cn	24.8	43.1	F1	ug/Kg	☼	174	71 - 126	3	30
trans-1,3-Dichloropropene	ND	*3 F1 cn	24.8	43.0	F1	ug/Kg	☼	173	68 - 122	6	30
Trichloroethene	ND	F1 cn	24.8	45.0	F1	ug/Kg	☼	181	72 - 120	6	30
Trichlorofluoromethane	ND	F1 cn	24.8	44.1	F1	ug/Kg	☼	178	49 - 120	10	30
Vinyl chloride	ND	F1 cn	24.8	40.8	F1	ug/Kg	☼	164	52 - 120	15	30
Xylenes, Total	ND	*3 F1 cn	74.5	147	F1	ug/Kg	☼	198	75 - 120	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*
Dibromofluoromethane (Surr)	*103*		*50 - 141*
4-Bromofluorobenzene (Surr)	*83*		*50 - 131*
Toluene-d8 (Surr)	*111*		*52 - 141*

Lab Sample ID: MB 410-566761/7
Matrix: Solid
Analysis Batch: 566761

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		5.0	0.80	ug/Kg			10/23/24 13:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1

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

Lab Sample ID: MB 410-566761/7
Matrix: Solid
Analysis Batch: 566761

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		5.0	0.70	ug/Kg			10/23/24 13:15	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			10/23/24 13:15	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			10/23/24 13:15	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			10/23/24 13:15	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			10/23/24 13:15	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			10/23/24 13:15	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			10/23/24 13:15	1
2-Butanone	ND		10	2.0	ug/Kg			10/23/24 13:15	1
2-Hexanone	ND		10	2.5	ug/Kg			10/23/24 13:15	1
4-Methyl-2-pentanone	ND		10	2.0	ug/Kg			10/23/24 13:15	1
Acetone	ND		20	6.0	ug/Kg			10/23/24 13:15	1
Benzene	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
Bromodichloromethane	ND		5.0	0.70	ug/Kg			10/23/24 13:15	1
Bromoform	ND		10	5.0	ug/Kg			10/23/24 13:15	1
Bromomethane	ND		5.0	1.0	ug/Kg			10/23/24 13:15	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			10/23/24 13:15	1
Chloroethane	ND		5.0	1.0	ug/Kg			10/23/24 13:15	1
Chloroform	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
Chloromethane	ND		5.0	1.0	ug/Kg			10/23/24 13:15	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			10/23/24 13:15	1
Cyclohexane	ND		5.0	0.90	ug/Kg			10/23/24 13:15	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			10/23/24 13:15	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			10/23/24 13:15	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/23/24 13:15	1
Freon 113	ND		10	0.90	ug/Kg			10/23/24 13:15	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			10/23/24 13:15	1
Methyl acetate	ND		5.0	1.0	ug/Kg			10/23/24 13:15	1
Methyl tertiary butyl ether	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			10/23/24 13:15	1
Styrene	ND		5.0	0.90	ug/Kg			10/23/24 13:15	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			10/23/24 13:15	1
Toluene	ND		5.0	1.0	ug/Kg			10/23/24 13:15	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			10/23/24 13:15	1
Trichloroethene	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			10/23/24 13:15	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			10/23/24 13:15	1
Xylenes, Total	ND		10	0.70	ug/Kg			10/23/24 13:15	1

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

Lab Sample ID: MB 410-566761/7
Matrix: Solid
Analysis Batch: 566761

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/Kg			N/A		10/23/24 13:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		54 - 135		10/23/24 13:15	1
4-Bromofluorobenzene (Surr)	95		50 - 131		10/23/24 13:15	1
Dibromofluoromethane (Surr)	104		50 - 141		10/23/24 13:15	1
Toluene-d8 (Surr)	97		52 - 141		10/23/24 13:15	1

Lab Sample ID: LCS 410-566761/4
Matrix: Solid
Analysis Batch: 566761

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	20.0	20.4		ug/Kg		102	69 - 123
1,1,2,2-Tetrachloroethane	20.0	19.5		ug/Kg		98	69 - 125
1,1,2-Trichloroethane	20.0	19.8		ug/Kg		99	76 - 120
1,1-Dichloroethane	20.0	20.7		ug/Kg		104	68 - 120
1,1-Dichloroethene	20.0	20.2		ug/Kg		101	73 - 129
1,2,4-Trichlorobenzene	20.0	16.8		ug/Kg		84	69 - 130
1,2-Dibromo-3-Chloropropane	20.0	16.8		ug/Kg		84	61 - 134
1,2-Dibromoethane	20.0	19.4		ug/Kg		97	76 - 120
1,2-Dichlorobenzene	20.0	18.8		ug/Kg		94	74 - 120
1,2-Dichloroethane	20.0	19.3		ug/Kg		96	72 - 124
1,2-Dichloropropane	20.0	19.9		ug/Kg		99	70 - 124
1,3-Dichlorobenzene	20.0	18.8		ug/Kg		94	75 - 120
1,4-Dichlorobenzene	20.0	18.3		ug/Kg		92	76 - 122
2-Butanone	250	253		ug/Kg		101	48 - 142
2-Hexanone	250	236		ug/Kg		94	54 - 140
4-Methyl-2-pentanone	250	254		ug/Kg		102	67 - 138
Acetone	250	228		ug/Kg		91	28 - 169
Benzene	20.0	19.6		ug/Kg		98	80 - 120
Bromodichloromethane	20.0	19.7		ug/Kg		99	70 - 120
Bromoform	20.0	19.1		ug/Kg		96	66 - 127
Bromomethane	20.0	18.2		ug/Kg		91	60 - 120
Carbon disulfide	20.0	17.7		ug/Kg		89	64 - 133
Carbon tetrachloride	20.0	20.0		ug/Kg		100	64 - 120
Chlorobenzene	20.0	19.6		ug/Kg		98	74 - 120
Chloroethane	20.0	18.4		ug/Kg		92	55 - 127
Chloroform	20.0	18.0		ug/Kg		90	73 - 120
Chloromethane	20.0	17.6		ug/Kg		88	43 - 120
cis-1,2-Dichloroethene	20.0	20.0		ug/Kg		100	80 - 125
cis-1,3-Dichloropropene	20.0	18.9		ug/Kg		95	66 - 120
Cyclohexane	20.0	17.9		ug/Kg		89	58 - 126
Dibromochloromethane	20.0	19.7		ug/Kg		99	69 - 125
Dichlorodifluoromethane	20.0	16.6		ug/Kg		83	44 - 120
Ethylbenzene	20.0	20.0		ug/Kg		100	72 - 118
Freon 113	20.0	17.9		ug/Kg		90	53 - 126
Isopropylbenzene	20.0	21.6		ug/Kg		108	77 - 120

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

Lab Sample ID: LCS 410-566761/4
Matrix: Solid
Analysis Batch: 566761

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	20.0	18.5		ug/Kg		93	59 - 137
Methyl tertiary butyl ether	20.0	16.0		ug/Kg		80	63 - 120
Methylcyclohexane	20.0	18.8		ug/Kg		94	61 - 124
Methylene Chloride	20.0	19.2		ug/Kg		96	76 - 122
Styrene	20.0	19.1		ug/Kg		96	76 - 120
Tetrachloroethene	20.0	19.9		ug/Kg		99	73 - 120
Toluene	20.0	19.3		ug/Kg		97	71 - 120
trans-1,2-Dichloroethene	20.0	20.2		ug/Kg		101	71 - 126
trans-1,3-Dichloropropene	20.0	19.5		ug/Kg		97	68 - 122
Trichloroethene	20.0	19.7		ug/Kg		98	72 - 120
Trichlorofluoromethane	20.0	18.4		ug/Kg		92	49 - 120
Vinyl chloride	20.0	17.6		ug/Kg		88	52 - 120
Xylenes, Total	60.0	59.8		ug/Kg		100	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*
Dibromofluoromethane (Surr)	*102*		*50 - 141*
Toluene-d8 (Surr)	*98*		*52 - 141*

Lab Sample ID: LCSD 410-566761/5
Matrix: Solid
Analysis Batch: 566761

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	20.0	20.6		ug/Kg		103	69 - 123	1	30
1,1,2,2-Tetrachloroethane	20.0	21.4		ug/Kg		107	69 - 125	9	30
1,1,2-Trichloroethane	20.0	20.9		ug/Kg		104	76 - 120	5	30
1,1-Dichloroethane	20.0	20.9		ug/Kg		105	68 - 120	1	30
1,1-Dichloroethene	20.0	20.6		ug/Kg		103	73 - 129	2	30
1,2,4-Trichlorobenzene	20.0	17.7		ug/Kg		89	69 - 130	5	30
1,2-Dibromo-3-Chloropropane	20.0	18.9		ug/Kg		94	61 - 134	12	30
1,2-Dibromoethane	20.0	20.4		ug/Kg		102	76 - 120	5	30
1,2-Dichlorobenzene	20.0	20.0		ug/Kg		100	74 - 120	6	30
1,2-Dichloroethane	20.0	20.8		ug/Kg		104	72 - 124	8	30
1,2-Dichloropropane	20.0	20.9		ug/Kg		104	70 - 124	5	30
1,3-Dichlorobenzene	20.0	19.8		ug/Kg		99	75 - 120	5	30
1,4-Dichlorobenzene	20.0	19.5		ug/Kg		97	76 - 122	6	30
2-Butanone	250	246		ug/Kg		98	48 - 142	3	30
2-Hexanone	250	248		ug/Kg		99	54 - 140	5	30
4-Methyl-2-pentanone	250	265		ug/Kg		106	67 - 138	4	30
Acetone	250	215		ug/Kg		86	28 - 169	6	30
Benzene	20.0	20.3		ug/Kg		102	80 - 120	4	30
Bromodichloromethane	20.0	21.0		ug/Kg		105	70 - 120	6	30
Bromoform	20.0	20.5		ug/Kg		103	66 - 127	7	30
Bromomethane	20.0	18.9		ug/Kg		94	60 - 120	3	30
Carbon disulfide	20.0	18.5		ug/Kg		92	64 - 133	4	30
Carbon tetrachloride	20.0	20.6		ug/Kg		103	64 - 120	3	30

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

Lab Sample ID: LCSD 410-566761/5
Matrix: Solid
Analysis Batch: 566761

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
Chlorobenzene	20.0	20.3		ug/Kg		102	74 - 120	4	30
Chloroethane	20.0	18.9		ug/Kg		94	55 - 127	3	30
Chloroform	20.0	18.6		ug/Kg		93	73 - 120	3	30
Chloromethane	20.0	18.1		ug/Kg		91	43 - 120	3	30
cis-1,2-Dichloroethene	20.0	20.5		ug/Kg		102	80 - 125	2	30
cis-1,3-Dichloropropene	20.0	19.6		ug/Kg		98	66 - 120	3	30
Cyclohexane	20.0	19.1		ug/Kg		95	58 - 126	6	30
Dibromochloromethane	20.0	20.4		ug/Kg		102	69 - 125	3	30
Dichlorodifluoromethane	20.0	17.6		ug/Kg		88	44 - 120	6	30
Ethylbenzene	20.0	20.7		ug/Kg		103	72 - 118	3	30
Freon 113	20.0	18.5		ug/Kg		92	53 - 126	3	30
Isopropylbenzene	20.0	22.1		ug/Kg		111	77 - 120	3	30
Methyl acetate	20.0	21.9		ug/Kg		110	59 - 137	17	30
Methyl tertiary butyl ether	20.0	16.7		ug/Kg		84	63 - 120	5	30
Methylcyclohexane	20.0	19.1		ug/Kg		96	61 - 124	2	30
Methylene Chloride	20.0	20.2		ug/Kg		101	76 - 122	5	30
Styrene	20.0	19.9		ug/Kg		100	76 - 120	4	30
Tetrachloroethene	20.0	20.2		ug/Kg		101	73 - 120	1	30
Toluene	20.0	20.0		ug/Kg		100	71 - 120	3	30
trans-1,2-Dichloroethene	20.0	20.8		ug/Kg		104	71 - 126	3	30
trans-1,3-Dichloropropene	20.0	20.4		ug/Kg		102	68 - 122	5	30
Trichloroethene	20.0	20.4		ug/Kg		102	72 - 120	4	30
Trichlorofluoromethane	20.0	18.7		ug/Kg		93	49 - 120	1	30
Vinyl chloride	20.0	17.7		ug/Kg		89	52 - 120	1	30
Xylenes, Total	60.0	61.5		ug/Kg		103	75 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*
Dibromofluoromethane (Surr)	*104*		*50 - 141*
Toluene-d8 (Surr)	*98*		*52 - 141*

Lab Sample ID: MB 410-567096/7
Matrix: Solid
Analysis Batch: 567096

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		250	35	ug/Kg			10/23/24 20:50	50
1,1,2,2-Tetrachloroethane	ND		250	30	ug/Kg			10/23/24 20:50	50
1,1,2-Trichloroethane	ND		250	25	ug/Kg			10/23/24 20:50	50
1,1-Dichloroethane	ND		250	25	ug/Kg			10/23/24 20:50	50
1,1-Dichloroethene	ND		250	30	ug/Kg			10/23/24 20:50	50
1,2,4-Trichlorobenzene	ND		500	250	ug/Kg			10/23/24 20:50	50
1,2-Dibromo-3-Chloropropane	ND		250	50	ug/Kg			10/23/24 20:50	50
1,2-Dibromoethane	ND		250	30	ug/Kg			10/23/24 20:50	50
1,2-Dichlorobenzene	ND		250	30	ug/Kg			10/23/24 20:50	50
1,2-Dichloroethane	ND		250	30	ug/Kg			10/23/24 20:50	50
1,2-Dichloropropane	ND		250	25	ug/Kg			10/23/24 20:50	50

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

Lab Sample ID: MB 410-567096/7
Matrix: Solid
Analysis Batch: 567096

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		250	25	ug/Kg			10/23/24 20:50	50
1,4-Dichlorobenzene	ND		250	25	ug/Kg			10/23/24 20:50	50
2-Butanone	ND		500	100	ug/Kg			10/23/24 20:50	50
2-Hexanone	ND		500	75	ug/Kg			10/23/24 20:50	50
4-Methyl-2-pentanone	ND		500	75	ug/Kg			10/23/24 20:50	50
Acetone	ND		1000	300	ug/Kg			10/23/24 20:50	50
Benzene	ND		250	25	ug/Kg			10/23/24 20:50	50
Bromodichloromethane	ND		250	35	ug/Kg			10/23/24 20:50	50
Bromoform	ND		500	250	ug/Kg			10/23/24 20:50	50
Bromomethane	ND		250	80	ug/Kg			10/23/24 20:50	50
Carbon disulfide	ND		250	30	ug/Kg			10/23/24 20:50	50
Carbon tetrachloride	ND		250	100	ug/Kg			10/23/24 20:50	50
Chlorobenzene	ND		250	25	ug/Kg			10/23/24 20:50	50
Chloroethane	ND		250	75	ug/Kg			10/23/24 20:50	50
Chloroform	ND		250	30	ug/Kg			10/23/24 20:50	50
Chloromethane	ND		250	45	ug/Kg			10/23/24 20:50	50
cis-1,2-Dichloroethene	ND		250	30	ug/Kg			10/23/24 20:50	50
cis-1,3-Dichloropropene	ND		250	30	ug/Kg			10/23/24 20:50	50
Cyclohexane	ND		250	25	ug/Kg			10/23/24 20:50	50
Dibromochloromethane	ND		250	100	ug/Kg			10/23/24 20:50	50
Dichlorodifluoromethane	ND		250	30	ug/Kg			10/23/24 20:50	50
Ethylbenzene	ND		250	20	ug/Kg			10/23/24 20:50	50
Freon 113	ND		500	35	ug/Kg			10/23/24 20:50	50
Isopropylbenzene	ND		250	30	ug/Kg			10/23/24 20:50	50
Methyl acetate	ND		250	50	ug/Kg			10/23/24 20:50	50
Methyl tertiary butyl ether	ND		250	30	ug/Kg			10/23/24 20:50	50
Methylcyclohexane	ND		250	30	ug/Kg			10/23/24 20:50	50
Methylene Chloride	ND		250	100	ug/Kg			10/23/24 20:50	50
Styrene	ND		250	30	ug/Kg			10/23/24 20:50	50
Tetrachloroethene	ND		250	30	ug/Kg			10/23/24 20:50	50
Toluene	ND		250	30	ug/Kg			10/23/24 20:50	50
trans-1,2-Dichloroethene	ND		250	30	ug/Kg			10/23/24 20:50	50
trans-1,3-Dichloropropene	ND		250	30	ug/Kg			10/23/24 20:50	50
Trichloroethene	ND		250	30	ug/Kg			10/23/24 20:50	50
Trichlorofluoromethane	ND		250	40	ug/Kg			10/23/24 20:50	50
Vinyl chloride	ND		250	40	ug/Kg			10/23/24 20:50	50
Xylenes, Total	ND		250	70	ug/Kg			10/23/24 20:50	50

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*		*10/23/24 20:50*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*54 - 135*		*10/23/24 20:50*	*50*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*		*10/23/24 20:50*	*50*
Dibromofluoromethane (Surr)	*89*		*50 - 141*		*10/23/24 20:50*	*50*
Toluene-d8 (Surr)	*93*		*52 - 141*		*10/23/24 20:50*	*50*

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

Lab Sample ID: LCS 410-567096/8
Matrix: Solid
Analysis Batch: 567096

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	1000	775		ug/Kg		77	69 - 123
1,1,2,2-Tetrachloroethane	1000	888		ug/Kg		89	69 - 125
1,1,2-Trichloroethane	1000	919		ug/Kg		92	76 - 120
1,1-Dichloroethane	1000	962		ug/Kg		96	68 - 120
1,1-Dichloroethene	1000	933		ug/Kg		93	73 - 129
1,2,4-Trichlorobenzene	1000	968		ug/Kg		97	69 - 130
1,2-Dibromo-3-Chloropropane	1000	694		ug/Kg		69	61 - 134
1,2-Dibromoethane	1000	868		ug/Kg		87	76 - 120
1,2-Dichlorobenzene	1000	949		ug/Kg		95	74 - 120
1,2-Dichloroethane	1000	883		ug/Kg		88	72 - 124
1,2-Dichloropropane	1000	977		ug/Kg		98	70 - 124
1,3-Dichlorobenzene	1000	963		ug/Kg		96	75 - 120
1,4-Dichlorobenzene	1000	954		ug/Kg		95	76 - 122
2-Butanone	12500	12400		ug/Kg		99	48 - 142
2-Hexanone	12500	12600		ug/Kg		101	54 - 140
4-Methyl-2-pentanone	12500	12700		ug/Kg		101	67 - 138
Acetone	12500	14000		ug/Kg		112	28 - 169
Benzene	1000	956		ug/Kg		96	80 - 120
Bromodichloromethane	1000	815		ug/Kg		81	70 - 120
Bromoform	1000	621	*-	ug/Kg		62	66 - 127
Bromomethane	1000	684		ug/Kg		68	60 - 120
Carbon disulfide	1000	738		ug/Kg		74	64 - 133
Carbon tetrachloride	1000	639		ug/Kg		64	64 - 120
Chlorobenzene	1000	940		ug/Kg		94	74 - 120
Chloroethane	1000	991		ug/Kg		99	55 - 127
Chloroform	1000	865		ug/Kg		86	73 - 120
Chloromethane	1000	802		ug/Kg		80	43 - 120
cis-1,2-Dichloroethene	1000	941		ug/Kg		94	80 - 125
cis-1,3-Dichloropropene	1000	824		ug/Kg		82	66 - 120
Cyclohexane	1000	824		ug/Kg		82	58 - 126
Dibromochloromethane	1000	725		ug/Kg		73	69 - 125
Dichlorodifluoromethane	1000	546		ug/Kg		55	44 - 120
Ethylbenzene	1000	932		ug/Kg		93	72 - 118
Freon 113	1000	747		ug/Kg		75	53 - 126
Isopropylbenzene	1000	1040		ug/Kg		104	77 - 120
Methyl acetate	1000	859		ug/Kg		86	59 - 137
Methyl tertiary butyl ether	1000	846		ug/Kg		85	63 - 120
Methylcyclohexane	1000	831		ug/Kg		83	61 - 124
Methylene Chloride	1000	969		ug/Kg		97	76 - 122
Styrene	1000	948		ug/Kg		95	76 - 120
Tetrachloroethene	1000	923		ug/Kg		92	73 - 120
Toluene	1000	948		ug/Kg		95	71 - 120
trans-1,2-Dichloroethene	1000	954		ug/Kg		95	71 - 126
trans-1,3-Dichloropropene	1000	776		ug/Kg		78	68 - 122
Trichloroethene	1000	927		ug/Kg		93	72 - 120
Trichlorofluoromethane	1000	755		ug/Kg		76	49 - 120
Vinyl chloride	1000	783		ug/Kg		78	52 - 120
Xylenes, Total	3000	2800		ug/Kg		93	75 - 120

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

Lab Sample ID: LCS 410-567096/8
Matrix: Solid
Analysis Batch: 567096

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*
4-Bromofluorobenzene (Surr)	*105*		*50 - 131*
Dibromofluoromethane (Surr)	*98*		*50 - 141*
Toluene-d8 (Surr)	*100*		*52 - 141*

Lab Sample ID: LCSD 410-567096/12
Matrix: Solid
Analysis Batch: 567096

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	1000	782		ug/Kg		78	69 - 123	1	30
1,1,2,2-Tetrachloroethane	1000	878		ug/Kg		88	69 - 125	1	30
1,1,2-Trichloroethane	1000	928		ug/Kg		93	76 - 120	1	30
1,1-Dichloroethane	1000	982		ug/Kg		98	68 - 120	2	30
1,1-Dichloroethene	1000	944		ug/Kg		94	73 - 129	1	30
1,2,4-Trichlorobenzene	1000	986		ug/Kg		99	69 - 130	2	30
1,2-Dibromo-3-Chloropropane	1000	667		ug/Kg		67	61 - 134	4	30
1,2-Dibromoethane	1000	857		ug/Kg		86	76 - 120	1	30
1,2-Dichlorobenzene	1000	948		ug/Kg		95	74 - 120	0	30
1,2-Dichloroethane	1000	882		ug/Kg		88	72 - 124	0	30
1,2-Dichloropropane	1000	995		ug/Kg		99	70 - 124	2	30
1,3-Dichlorobenzene	1000	971		ug/Kg		97	75 - 120	1	30
1,4-Dichlorobenzene	1000	964		ug/Kg		96	76 - 122	1	30
2-Butanone	12500	12100		ug/Kg		97	48 - 142	3	30
2-Hexanone	12500	12500		ug/Kg		100	54 - 140	1	30
4-Methyl-2-pentanone	12500	12700		ug/Kg		102	67 - 138	0	30
Acetone	12500	13500		ug/Kg		108	28 - 169	4	30
Benzene	1000	970		ug/Kg		97	80 - 120	1	30
Bromodichloromethane	1000	788		ug/Kg		79	70 - 120	3	30
Bromoform	1000	581	*-	ug/Kg		58	66 - 127	7	30
Bromomethane	1000	650		ug/Kg		65	60 - 120	5	30
Carbon disulfide	1000	735		ug/Kg		74	64 - 133	0	30
Carbon tetrachloride	1000	626	*-	ug/Kg		63	64 - 120	2	30
Chlorobenzene	1000	957		ug/Kg		96	74 - 120	2	30
Chloroethane	1000	892		ug/Kg		89	55 - 127	11	30
Chloroform	1000	872		ug/Kg		87	73 - 120	1	30
Chloromethane	1000	792		ug/Kg		79	43 - 120	1	30
cis-1,2-Dichloroethene	1000	952		ug/Kg		95	80 - 125	1	30
cis-1,3-Dichloropropene	1000	821		ug/Kg		82	66 - 120	0	30
Cyclohexane	1000	830		ug/Kg		83	58 - 126	1	30
Dibromochloromethane	1000	697		ug/Kg		70	69 - 125	4	30
Dichlorodifluoromethane	1000	510		ug/Kg		51	44 - 120	7	30
Ethylbenzene	1000	944		ug/Kg		94	72 - 118	1	30
Freon 113	1000	753		ug/Kg		75	53 - 126	1	30
Isopropylbenzene	1000	1060		ug/Kg		106	77 - 120	1	30
Methyl acetate	1000	860		ug/Kg		86	59 - 137	0	30
Methyl tertiary butyl ether	1000	855		ug/Kg		86	63 - 120	1	30
Methylcyclohexane	1000	838		ug/Kg		84	61 - 124	1	30

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

Lab Sample ID: LCSD 410-567096/12
Matrix: Solid
Analysis Batch: 567096

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
Methylene Chloride			1000	974		ug/Kg		97	76 - 122	1	30
Styrene			1000	949		ug/Kg		95	76 - 120	0	30
Tetrachloroethene			1000	938		ug/Kg		94	73 - 120	2	30
Toluene			1000	955		ug/Kg		95	71 - 120	1	30
trans-1,2-Dichloroethene			1000	963		ug/Kg		96	71 - 126	1	30
trans-1,3-Dichloropropene			1000	775		ug/Kg		78	68 - 122	0	30
Trichloroethene			1000	941		ug/Kg		94	72 - 120	1	30
Trichlorofluoromethane			1000	755		ug/Kg		75	49 - 120	0	30
Vinyl chloride			1000	789		ug/Kg		79	52 - 120	1	30
Xylenes, Total			3000	2840		ug/Kg		95	75 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*
4-Bromofluorobenzene (Surr)	*107*		*50 - 131*
Dibromofluoromethane (Surr)	*98*		*50 - 141*
Toluene-d8 (Surr)	*101*		*52 - 141*

Lab Sample ID: MB 410-567210/7
Matrix: Water
Analysis Batch: 567210

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	0.30	ug/L			10/24/24 09:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/24/24 09:58	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/24/24 09:58	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/24/24 09:58	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/24/24 09:58	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			10/24/24 09:58	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			10/24/24 09:58	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			10/24/24 09:58	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			10/24/24 09:58	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/24/24 09:58	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/24/24 09:58	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			10/24/24 09:58	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			10/24/24 09:58	1
2-Butanone	ND		10	0.50	ug/L			10/24/24 09:58	1
2-Hexanone	ND		10	0.85	ug/L			10/24/24 09:58	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			10/24/24 09:58	1
Acetone	ND		20	0.70	ug/L			10/24/24 09:58	1
Benzene	ND		1.0	0.30	ug/L			10/24/24 09:58	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/24/24 09:58	1
Bromoform	ND		4.0	1.0	ug/L			10/24/24 09:58	1
Bromomethane	ND		1.0	0.30	ug/L			10/24/24 09:58	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/24/24 09:58	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/24/24 09:58	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/24/24 09:58	1
Chloroethane	ND		1.0	0.30	ug/L			10/24/24 09:58	1
Chloroform	ND		1.0	0.30	ug/L			10/24/24 09:58	1

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

Lab Sample ID: MB 410-567210/7
Matrix: Water
Analysis Batch: 567210

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		2.0	0.55	ug/L			10/24/24 09:58	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/24/24 09:58	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/24/24 09:58	1
Cyclohexane	ND		5.0	1.0	ug/L			10/24/24 09:58	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/24/24 09:58	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			10/24/24 09:58	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/24/24 09:58	1
Freon 113	ND		10	0.30	ug/L			10/24/24 09:58	1
Isopropylbenzene	ND		5.0	0.30	ug/L			10/24/24 09:58	1
Methyl acetate	ND		5.0	0.30	ug/L			10/24/24 09:58	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			10/24/24 09:58	1
Methylcyclohexane	ND		5.0	0.50	ug/L			10/24/24 09:58	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/24/24 09:58	1
Styrene	ND		5.0	0.30	ug/L			10/24/24 09:58	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/24/24 09:58	1
Toluene	ND		1.0	0.30	ug/L			10/24/24 09:58	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/24/24 09:58	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/24/24 09:58	1
Trichloroethene	ND		1.0	0.30	ug/L			10/24/24 09:58	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			10/24/24 09:58	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/24/24 09:58	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/24/24 09:58	1

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*		*10/24/24 09:58*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*		*10/24/24 09:58*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*10/24/24 09:58*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/24/24 09:58*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/24/24 09:58*	*1*

Lab Sample ID: LCS 410-567210/5
Matrix: Water
Analysis Batch: 567210

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	20.0	21.6		ug/L		108	73 - 120
1,1,2,2-Tetrachloroethane	20.0	20.9		ug/L		105	72 - 120
1,1,2-Trichloroethane	20.0	22.6		ug/L		113	80 - 120
1,1-Dichloroethane	20.0	22.2		ug/L		111	80 - 120
1,1-Dichloroethene	20.0	23.0		ug/L		115	80 - 131
1,2,4-Trichlorobenzene	20.0	20.7		ug/L		103	63 - 120
1,2-Dibromo-3-Chloropropane	20.0	17.2		ug/L		86	60 - 120
1,2-Dibromoethane	20.0	21.4		ug/L		107	77 - 120
1,2-Dichlorobenzene	20.0	23.4		ug/L		117	80 - 120
1,2-Dichloroethane	20.0	20.4		ug/L		102	73 - 124
1,2-Dichloropropane	20.0	21.4		ug/L		107	80 - 120

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

Lab Sample ID: LCS 410-567210/5
Matrix: Water
Analysis Batch: 567210

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	20.0	23.3		ug/L		117	80 - 120
1,4-Dichlorobenzene	20.0	23.0		ug/L		115	80 - 120
2-Butanone	250	157		ug/L		63	59 - 135
2-Hexanone	250	172		ug/L		69	56 - 135
4-Methyl-2-pentanone	250	175		ug/L		70	62 - 133
Acetone	250	264		ug/L		106	57 - 143
Benzene	20.0	21.5		ug/L		107	80 - 120
Bromodichloromethane	20.0	22.9		ug/L		115	71 - 120
Bromoform	20.0	21.9		ug/L		109	51 - 120
Bromomethane	20.0	20.2		ug/L		101	53 - 128
Carbon disulfide	20.0	21.0		ug/L		105	65 - 128
Carbon tetrachloride	20.0	22.3		ug/L		111	64 - 134
Chlorobenzene	20.0	22.9		ug/L		114	80 - 120
Chloroethane	20.0	18.2		ug/L		91	55 - 123
Chloroform	20.0	21.2		ug/L		106	80 - 120
Chloromethane	20.0	17.7		ug/L		88	39 - 134
cis-1,2-Dichloroethene	20.0	23.2		ug/L		116	80 - 125
cis-1,3-Dichloropropene	20.0	20.6		ug/L		103	75 - 120
Cyclohexane	20.0	17.1		ug/L		86	68 - 126
Dibromochloromethane	20.0	23.8		ug/L		119	71 - 120
Dichlorodifluoromethane	20.0	21.4		ug/L		107	26 - 127
Ethylbenzene	20.0	22.0		ug/L		110	80 - 120
Freon 113	20.0	20.1		ug/L		100	57 - 122
Isopropylbenzene	20.0	24.0		ug/L		120	80 - 120
Methyl acetate	20.0	15.2		ug/L		76	48 - 168
Methyl tertiary butyl ether	20.0	20.0		ug/L		100	69 - 122
Methylcyclohexane	20.0	18.6		ug/L		93	67 - 121
Methylene Chloride	20.0	23.1		ug/L		115	80 - 120
Styrene	20.0	23.0		ug/L		115	80 - 120
Tetrachloroethene	20.0	20.8		ug/L		104	80 - 120
Toluene	20.0	22.2		ug/L		111	80 - 120
trans-1,2-Dichloroethene	20.0	23.9		ug/L		120	80 - 126
trans-1,3-Dichloropropene	20.0	20.8		ug/L		104	67 - 120
Trichloroethene	20.0	21.1		ug/L		105	80 - 120
Trichlorofluoromethane	20.0	18.0		ug/L		90	51 - 120
Vinyl chloride	20.0	18.1		ug/L		91	56 - 120
Xylenes, Total	60.0	66.8		ug/L		111	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: MB 410-567264/7
Matrix: Solid
Analysis Batch: 567264

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		5.0	0.80	ug/Kg			10/24/24 13:56	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			10/24/24 13:56	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			10/24/24 13:56	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			10/24/24 13:56	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			10/24/24 13:56	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			10/24/24 13:56	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			10/24/24 13:56	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			10/24/24 13:56	1
2-Butanone	ND		10	2.0	ug/Kg			10/24/24 13:56	1
2-Hexanone	ND		10	2.5	ug/Kg			10/24/24 13:56	1
4-Methyl-2-pentanone	ND		10	2.0	ug/Kg			10/24/24 13:56	1
Acetone	ND		20	6.0	ug/Kg			10/24/24 13:56	1
Benzene	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
Bromodichloromethane	ND		5.0	0.70	ug/Kg			10/24/24 13:56	1
Bromoform	ND		10	5.0	ug/Kg			10/24/24 13:56	1
Bromomethane	ND		5.0	1.0	ug/Kg			10/24/24 13:56	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			10/24/24 13:56	1
Chloroethane	ND		5.0	1.0	ug/Kg			10/24/24 13:56	1
Chloroform	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
Chloromethane	ND		5.0	1.0	ug/Kg			10/24/24 13:56	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			10/24/24 13:56	1
Cyclohexane	ND		5.0	0.90	ug/Kg			10/24/24 13:56	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			10/24/24 13:56	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			10/24/24 13:56	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/24/24 13:56	1
Freon 113	ND		10	0.90	ug/Kg			10/24/24 13:56	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			10/24/24 13:56	1
Methyl acetate	ND		5.0	1.0	ug/Kg			10/24/24 13:56	1
Methyl tertiary butyl ether	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			10/24/24 13:56	1
Styrene	ND		5.0	0.90	ug/Kg			10/24/24 13:56	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			10/24/24 13:56	1
Toluene	ND		5.0	1.0	ug/Kg			10/24/24 13:56	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			10/24/24 13:56	1
Trichloroethene	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			10/24/24 13:56	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			10/24/24 13:56	1
Xylenes, Total	ND		10	0.70	ug/Kg			10/24/24 13:56	1

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

Lab Sample ID: MB 410-567264/7
Matrix: Solid
Analysis Batch: 567264

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
Cyclotrisiloxane, hexamethyl-	16.5	T J N	ug/Kg		9.98	541-05-9		10/24/24 13:56	1
Cyclotetrasiloxane, octamethyl-	19.1	T J N	ug/Kg		12.03	556-67-2		10/24/24 13:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		54 - 135		10/24/24 13:56	1
4-Bromofluorobenzene (Surr)	100		50 - 131		10/24/24 13:56	1
Dibromofluoromethane (Surr)	102		50 - 141		10/24/24 13:56	1
Toluene-d8 (Surr)	98		52 - 141		10/24/24 13:56	1

Lab Sample ID: LCS 410-567264/4
Matrix: Solid
Analysis Batch: 567264

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	20.0	20.0		ug/Kg		100	69 - 123
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/Kg		99	69 - 125
1,1,2-Trichloroethane	20.0	20.7		ug/Kg		103	76 - 120
1,1-Dichloroethane	20.0	20.4		ug/Kg		102	68 - 120
1,1-Dichloroethene	20.0	21.0		ug/Kg		105	73 - 129
1,2,4-Trichlorobenzene	20.0	20.0		ug/Kg		100	69 - 130
1,2-Dibromo-3-Chloropropane	20.0	17.3		ug/Kg		87	61 - 134
1,2-Dibromoethane	20.0	20.3		ug/Kg		102	76 - 120
1,2-Dichlorobenzene	20.0	20.2		ug/Kg		101	74 - 120
1,2-Dichloroethane	20.0	21.0		ug/Kg		105	72 - 124
1,2-Dichloropropane	20.0	20.2		ug/Kg		101	70 - 124
1,3-Dichlorobenzene	20.0	20.0		ug/Kg		100	75 - 120
1,4-Dichlorobenzene	20.0	20.1		ug/Kg		100	76 - 122
2-Butanone	250	295		ug/Kg		118	48 - 142
2-Hexanone	250	244		ug/Kg		98	54 - 140
4-Methyl-2-pentanone	250	247		ug/Kg		99	67 - 138
Acetone	250	264		ug/Kg		106	28 - 169
Benzene	20.0	19.2		ug/Kg		96	80 - 120
Bromodichloromethane	20.0	20.0		ug/Kg		100	70 - 120
Bromoform	20.0	19.9		ug/Kg		100	66 - 127
Bromomethane	20.0	17.8		ug/Kg		89	60 - 120
Carbon disulfide	20.0	16.5		ug/Kg		83	64 - 133
Carbon tetrachloride	20.0	19.6		ug/Kg		98	64 - 120
Chlorobenzene	20.0	19.8		ug/Kg		99	74 - 120
Chloroethane	20.0	17.6		ug/Kg		88	55 - 127
Chloroform	20.0	19.1		ug/Kg		95	73 - 120
Chloromethane	20.0	15.5		ug/Kg		78	43 - 120
cis-1,2-Dichloroethene	20.0	19.3		ug/Kg		97	80 - 125
cis-1,3-Dichloropropene	20.0	19.2		ug/Kg		96	66 - 120
Cyclohexane	20.0	18.2		ug/Kg		91	58 - 126
Dibromochloromethane	20.0	19.9		ug/Kg		99	69 - 125
Dichlorodifluoromethane	20.0	14.9		ug/Kg		74	44 - 120
Ethylbenzene	20.0	19.8		ug/Kg		99	72 - 118
Freon 113	20.0	18.5		ug/Kg		93	53 - 126

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

Lab Sample ID: LCS 410-567264/4
Matrix: Solid
Analysis Batch: 567264

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropylbenzene	20.0	22.5		ug/Kg		113	77 - 120
Methyl acetate	20.0	20.9		ug/Kg		104	59 - 137
Methyl tertiary butyl ether	20.0	19.4		ug/Kg		97	63 - 120
Methylcyclohexane	20.0	18.4		ug/Kg		92	61 - 124
Methylene Chloride	20.0	19.9		ug/Kg		99	76 - 122
Styrene	20.0	19.4		ug/Kg		97	76 - 120
Tetrachloroethene	20.0	19.5		ug/Kg		98	73 - 120
Toluene	20.0	19.6		ug/Kg		98	71 - 120
trans-1,2-Dichloroethene	20.0	19.7		ug/Kg		99	71 - 126
trans-1,3-Dichloropropene	20.0	19.8		ug/Kg		99	68 - 122
Trichloroethene	20.0	19.6		ug/Kg		98	72 - 120
Trichlorofluoromethane	20.0	17.6		ug/Kg		88	49 - 120
Vinyl chloride	20.0	16.4		ug/Kg		82	52 - 120
Xylenes, Total	60.0	58.8		ug/Kg		98	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*
4-Bromofluorobenzene (Surr)	*100*		*50 - 131*
Dibromofluoromethane (Surr)	*103*		*50 - 141*
Toluene-d8 (Surr)	*99*		*52 - 141*

Lab Sample ID: LCSD 410-567264/5
Matrix: Solid
Analysis Batch: 567264

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	20.0	19.9		ug/Kg		99	69 - 123	0	30
1,1,2,2-Tetrachloroethane	20.0	19.9		ug/Kg		99	69 - 125	0	30
1,1,2-Trichloroethane	20.0	20.7		ug/Kg		104	76 - 120	0	30
1,1-Dichloroethane	20.0	20.3		ug/Kg		101	68 - 120	0	30
1,1-Dichloroethene	20.0	20.9		ug/Kg		104	73 - 129	0	30
1,2,4-Trichlorobenzene	20.0	20.1		ug/Kg		101	69 - 130	1	30
1,2-Dibromo-3-Chloropropane	20.0	18.0		ug/Kg		90	61 - 134	4	30
1,2-Dibromoethane	20.0	20.3		ug/Kg		102	76 - 120	0	30
1,2-Dichlorobenzene	20.0	20.2		ug/Kg		101	74 - 120	0	30
1,2-Dichloroethane	20.0	21.0		ug/Kg		105	72 - 124	0	30
1,2-Dichloropropane	20.0	20.3		ug/Kg		101	70 - 124	1	30
1,3-Dichlorobenzene	20.0	19.9		ug/Kg		100	75 - 120	0	30
1,4-Dichlorobenzene	20.0	19.5		ug/Kg		98	76 - 122	3	30
2-Butanone	250	290		ug/Kg		116	48 - 142	2	30
2-Hexanone	250	241		ug/Kg		96	54 - 140	1	30
4-Methyl-2-pentanone	250	247		ug/Kg		99	67 - 138	0	30
Acetone	250	251		ug/Kg		100	28 - 169	5	30
Benzene	20.0	19.3		ug/Kg		97	80 - 120	1	30
Bromodichloromethane	20.0	20.3		ug/Kg		101	70 - 120	2	30
Bromoform	20.0	20.2		ug/Kg		101	66 - 127	1	30
Bromomethane	20.0	17.9		ug/Kg		89	60 - 120	0	30
Carbon disulfide	20.0	16.6		ug/Kg		83	64 - 133	0	30

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

Lab Sample ID: LCSD 410-567264/5
Matrix: Solid
Analysis Batch: 567264

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
Carbon tetrachloride	20.0	19.5		ug/Kg		98	64 - 120	0	30
Chlorobenzene	20.0	19.7		ug/Kg		98	74 - 120	1	30
Chloroethane	20.0	17.5		ug/Kg		87	55 - 127	1	30
Chloroform	20.0	18.9		ug/Kg		94	73 - 120	1	30
Chloromethane	20.0	15.8		ug/Kg		79	43 - 120	2	30
cis-1,2-Dichloroethene	20.0	19.6		ug/Kg		98	80 - 125	1	30
cis-1,3-Dichloropropene	20.0	19.5		ug/Kg		97	66 - 120	1	30
Cyclohexane	20.0	18.4		ug/Kg		92	58 - 126	1	30
Dibromochloromethane	20.0	20.0		ug/Kg		100	69 - 125	0	30
Dichlorodifluoromethane	20.0	15.1		ug/Kg		75	44 - 120	1	30
Ethylbenzene	20.0	19.6		ug/Kg		98	72 - 118	1	30
Freon 113	20.0	18.6		ug/Kg		93	53 - 126	0	30
Isopropylbenzene	20.0	22.3		ug/Kg		112	77 - 120	1	30
Methyl acetate	20.0	22.9		ug/Kg		114	59 - 137	9	30
Methyl tertiary butyl ether	20.0	19.5		ug/Kg		97	63 - 120	1	30
Methylcyclohexane	20.0	19.0		ug/Kg		95	61 - 124	4	30
Methylene Chloride	20.0	19.8		ug/Kg		99	76 - 122	0	30
Styrene	20.0	19.6		ug/Kg		98	76 - 120	1	30
Tetrachloroethene	20.0	19.5		ug/Kg		97	73 - 120	0	30
Toluene	20.0	19.4		ug/Kg		97	71 - 120	1	30
trans-1,2-Dichloroethene	20.0	19.8		ug/Kg		99	71 - 126	0	30
trans-1,3-Dichloropropene	20.0	19.4		ug/Kg		97	68 - 122	2	30
Trichloroethene	20.0	19.7		ug/Kg		98	72 - 120	0	30
Trichlorofluoromethane	20.0	17.1		ug/Kg		86	49 - 120	3	30
Vinyl chloride	20.0	16.5		ug/Kg		82	52 - 120	1	30
Xylenes, Total	60.0	58.6		ug/Kg		98	75 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*
Dibromofluoromethane (Surr)	*103*		*50 - 141*
Toluene-d8 (Surr)	*99*		*52 - 141*

Lab Sample ID: 410-192708-19 MS
Matrix: Solid
Analysis Batch: 569195

Client Sample ID: SB-113_4-5 MS
Prep Type: Total/NA
Prep Batch: 567631

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	ND	F2 cn	1360	1210		ug/Kg	☼	89	69 - 123		
1,1,2,2-Tetrachloroethane	ND	cn	1360	1260		ug/Kg	☼	93	69 - 125		
1,1,2-Trichloroethane	ND	cn	1360	1310		ug/Kg	☼	97	76 - 120		
1,1-Dichloroethane	ND	cn	1360	1380		ug/Kg	☼	102	68 - 120		
1,1-Dichloroethene	ND	cn	1360	1160		ug/Kg	☼	86	73 - 129		
1,2,4-Trichlorobenzene	ND	cn	1360	1440		ug/Kg	☼	107	69 - 130		
1,2-Dibromo-3-Chloropropane	ND	cn	1360	1050		ug/Kg	☼	77	61 - 134		
1,2-Dibromoethane	ND	cn	1360	1230		ug/Kg	☼	91	76 - 120		
1,2-Dichlorobenzene	ND	cn	1360	1410		ug/Kg	☼	104	74 - 120		
1,2-Dichloroethane	ND	cn	1360	1240		ug/Kg	☼	91	72 - 124		

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

Lab Sample ID: 410-192708-19 MS
Matrix: Solid
Analysis Batch: 569195

Client Sample ID: SB-113_4-5 MS
Prep Type: Total/NA
Prep Batch: 567631

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	ND	cn	1360	1440		ug/Kg	☼	106	70 - 124
1,3-Dichlorobenzene	ND	cn	1360	1410		ug/Kg	☼	104	75 - 120
1,4-Dichlorobenzene	ND	cn	1360	1400		ug/Kg	☼	103	76 - 122
2-Butanone	ND	cn	16900	16500		ug/Kg	☼	97	48 - 142
2-Hexanone	ND	F1 cn	16900	18000		ug/Kg	☼	106	54 - 140
4-Methyl-2-pentanone	ND	F1 cn	16900	18300		ug/Kg	☼	108	67 - 138
Acetone	ND	cn	16900	18500		ug/Kg	☼	109	28 - 169
Benzene	ND	cn	1360	1370		ug/Kg	☼	101	80 - 120
Bromodichloromethane	ND	F2 cn	1360	1260		ug/Kg	☼	93	70 - 120
Bromoform	ND	*- F1 F2 cn	1360	1030		ug/Kg	☼	76	66 - 127
Bromomethane	ND	cn	1360	896		ug/Kg	☼	66	60 - 120
Carbon disulfide	ND	F1 cn	1360	964		ug/Kg	☼	71	64 - 133
Carbon tetrachloride	ND	*- F1 F2 cn	1360	1100		ug/Kg	☼	81	64 - 120
Chlorobenzene	ND	cn	1360	1370		ug/Kg	☼	101	74 - 120
Chloroethane	ND	cn	1360	1270		ug/Kg	☼	94	55 - 127
Chloroform	ND	cn	1360	1270		ug/Kg	☼	93	73 - 120
Chloromethane	ND	cn	1360	946		ug/Kg	☼	70	43 - 120
cis-1,2-Dichloroethene	ND	cn	1360	1350		ug/Kg	☼	100	80 - 123
cis-1,3-Dichloropropene	ND	F2 cn	1360	1270		ug/Kg	☼	94	66 - 120
Cyclohexane	ND	cn	1360	1100		ug/Kg	☼	81	58 - 126
Dibromochloromethane	ND	F1 F2 cn	1360	1170		ug/Kg	☼	86	69 - 125
Dichlorodifluoromethane	ND	F1 cn	1360	451	F1	ug/Kg	☼	33	44 - 120
Ethylbenzene	ND	cn	1360	1360		ug/Kg	☼	100	72 - 118
Freon 113	ND	cn	1360	915		ug/Kg	☼	68	53 - 126
Isopropylbenzene	ND	cn	1360	1550		ug/Kg	☼	114	77 - 120
Methyl acetate	99	J cn	1360	1210		ug/Kg	☼	82	59 - 137
Methyl tertiary butyl ether	ND	cn	1360	1260		ug/Kg	☼	93	63 - 120
Methylcyclohexane	ND	cn	1360	1160		ug/Kg	☼	86	61 - 124
Methylene Chloride	ND	cn	1360	1350		ug/Kg	☼	99	76 - 122
Styrene	ND	cn	1360	1370		ug/Kg	☼	101	76 - 120
Tetrachloroethene	ND	cn	1360	1330		ug/Kg	☼	98	73 - 120
Toluene	ND	cn	1360	1360		ug/Kg	☼	100	71 - 120
trans-1,2-Dichloroethene	ND	cn	1360	1300		ug/Kg	☼	96	71 - 126
trans-1,3-Dichloropropene	ND	F2 cn	1360	1190		ug/Kg	☼	88	68 - 122
Trichloroethene	ND	cn	1360	1360		ug/Kg	☼	100	72 - 120
Trichlorofluoromethane	ND	cn	1360	1030		ug/Kg	☼	76	49 - 120
Vinyl chloride	ND	cn	1360	957		ug/Kg	☼	71	52 - 120
Xylenes, Total	ND	cn	4070	4090		ug/Kg	☼	101	75 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*54 - 135*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*
Dibromofluoromethane (Surr)	*93*		*50 - 141*
Toluene-d8 (Surr)	*94*		*52 - 141*

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

Lab Sample ID: MB 410-568235/7
Matrix: Solid
Analysis Batch: 568235

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		5.0	0.80	ug/Kg			10/26/24 11:05	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			10/26/24 11:05	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			10/26/24 11:05	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			10/26/24 11:05	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			10/26/24 11:05	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			10/26/24 11:05	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			10/26/24 11:05	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			10/26/24 11:05	1
2-Butanone	ND		10	2.0	ug/Kg			10/26/24 11:05	1
2-Hexanone	ND		10	2.5	ug/Kg			10/26/24 11:05	1
4-Methyl-2-pentanone	ND		10	2.0	ug/Kg			10/26/24 11:05	1
Acetone	ND		20	6.0	ug/Kg			10/26/24 11:05	1
Benzene	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
Bromodichloromethane	ND		5.0	0.70	ug/Kg			10/26/24 11:05	1
Bromoform	ND		10	5.0	ug/Kg			10/26/24 11:05	1
Bromomethane	ND		5.0	1.0	ug/Kg			10/26/24 11:05	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			10/26/24 11:05	1
Chloroethane	ND		5.0	1.0	ug/Kg			10/26/24 11:05	1
Chloroform	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
Chloromethane	ND		5.0	1.0	ug/Kg			10/26/24 11:05	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			10/26/24 11:05	1
Cyclohexane	ND		5.0	0.90	ug/Kg			10/26/24 11:05	1
Dibromochloromethane	ND		5.0	0.50	ug/Kg			10/26/24 11:05	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			10/26/24 11:05	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/26/24 11:05	1
Freon 113	ND		10	0.90	ug/Kg			10/26/24 11:05	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			10/26/24 11:05	1
Methyl acetate	ND		5.0	1.0	ug/Kg			10/26/24 11:05	1
Methyl tertiary butyl ether	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			10/26/24 11:05	1
Styrene	ND		5.0	0.90	ug/Kg			10/26/24 11:05	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			10/26/24 11:05	1
Toluene	ND		5.0	1.0	ug/Kg			10/26/24 11:05	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			10/26/24 11:05	1
Trichloroethene	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			10/26/24 11:05	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			10/26/24 11:05	1
Xylenes, Total	ND		10	0.70	ug/Kg			10/26/24 11:05	1

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

Lab Sample ID: MB 410-568235/7
Matrix: Solid
Analysis Batch: 568235

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/Kg			N/A		10/26/24 11:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		54 - 135		10/26/24 11:05	1
4-Bromofluorobenzene (Surr)	95		50 - 131		10/26/24 11:05	1
Dibromofluoromethane (Surr)	104		50 - 141		10/26/24 11:05	1
Toluene-d8 (Surr)	96		52 - 141		10/26/24 11:05	1

Lab Sample ID: LCS 410-568235/8
Matrix: Solid
Analysis Batch: 568235

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	20.0	20.8		ug/Kg		104	69 - 123
1,1,2,2-Tetrachloroethane	20.0	19.9		ug/Kg		100	69 - 125
1,1,2-Trichloroethane	20.0	19.5		ug/Kg		97	76 - 120
1,1-Dichloroethane	20.0	20.5		ug/Kg		103	68 - 120
1,1-Dichloroethene	20.0	20.7		ug/Kg		104	73 - 129
1,2,4-Trichlorobenzene	20.0	17.0		ug/Kg		85	69 - 130
1,2-Dibromo-3-Chloropropane	20.0	15.8		ug/Kg		79	61 - 134
1,2-Dibromoethane	20.0	19.1		ug/Kg		95	76 - 120
1,2-Dichlorobenzene	20.0	19.5		ug/Kg		98	74 - 120
1,2-Dichloroethane	20.0	19.7		ug/Kg		98	72 - 124
1,2-Dichloropropane	20.0	20.0		ug/Kg		100	70 - 124
1,3-Dichlorobenzene	20.0	19.4		ug/Kg		97	75 - 120
1,4-Dichlorobenzene	20.0	18.6		ug/Kg		93	76 - 122
2-Butanone	250	237		ug/Kg		95	48 - 142
2-Hexanone	250	228		ug/Kg		91	54 - 140
4-Methyl-2-pentanone	250	250		ug/Kg		100	67 - 138
Acetone	250	219		ug/Kg		88	28 - 169
Benzene	20.0	19.8		ug/Kg		99	80 - 120
Bromodichloromethane	20.0	20.1		ug/Kg		101	70 - 120
Bromoform	20.0	19.0		ug/Kg		95	66 - 127
Bromomethane	20.0	18.4		ug/Kg		92	60 - 120
Carbon disulfide	20.0	18.3		ug/Kg		91	64 - 133
Carbon tetrachloride	20.0	20.2		ug/Kg		101	64 - 120
Chlorobenzene	20.0	19.5		ug/Kg		98	74 - 120
Chloroethane	20.0	18.6		ug/Kg		93	55 - 127
Chloroform	20.0	18.2		ug/Kg		91	73 - 120
Chloromethane	20.0	17.3		ug/Kg		86	43 - 120
cis-1,2-Dichloroethene	20.0	20.3		ug/Kg		102	80 - 125
cis-1,3-Dichloropropene	20.0	18.6		ug/Kg		93	66 - 120
Cyclohexane	20.0	19.0		ug/Kg		95	58 - 126
Dibromochloromethane	20.0	19.3		ug/Kg		97	69 - 125
Dichlorodifluoromethane	20.0	16.0		ug/Kg		80	44 - 120
Ethylbenzene	20.0	20.2		ug/Kg		101	72 - 118
Freon 113	20.0	18.8		ug/Kg		94	53 - 126
Isopropylbenzene	20.0	21.7		ug/Kg		109	77 - 120

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

Lab Sample ID: LCS 410-568235/8
Matrix: Solid
Analysis Batch: 568235

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	20.0	18.5		ug/Kg		92	59 - 137
Methyl tertiary butyl ether	20.0	17.7		ug/Kg		88	63 - 120
Methylcyclohexane	20.0	19.5		ug/Kg		97	61 - 124
Methylene Chloride	20.0	19.7		ug/Kg		98	76 - 122
Styrene	20.0	19.3		ug/Kg		97	76 - 120
Tetrachloroethene	20.0	19.9		ug/Kg		99	73 - 120
Toluene	20.0	19.4		ug/Kg		97	71 - 120
trans-1,2-Dichloroethene	20.0	20.3		ug/Kg		102	71 - 126
trans-1,3-Dichloropropene	20.0	19.2		ug/Kg		96	68 - 122
Trichloroethene	20.0	19.9		ug/Kg		99	72 - 120
Trichlorofluoromethane	20.0	18.7		ug/Kg		93	49 - 120
Vinyl chloride	20.0	17.4		ug/Kg		87	52 - 120
Xylenes, Total	60.0	59.7		ug/Kg		100	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
Toluene-d8 (Surr)	*98*		*52 - 141*

Lab Sample ID: LCSD 410-568235/9
Matrix: Solid
Analysis Batch: 568235

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	20.0	20.6		ug/Kg		103	69 - 123	1	30
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/Kg		95	69 - 125	4	30
1,1,2-Trichloroethane	20.0	19.4		ug/Kg		97	76 - 120	0	30
1,1-Dichloroethane	20.0	20.8		ug/Kg		104	68 - 120	1	30
1,1-Dichloroethene	20.0	20.9		ug/Kg		104	73 - 129	1	30
1,2,4-Trichlorobenzene	20.0	17.0		ug/Kg		85	69 - 130	0	30
1,2-Dibromo-3-Chloropropane	20.0	15.9		ug/Kg		79	61 - 134	1	30
1,2-Dibromoethane	20.0	18.9		ug/Kg		94	76 - 120	1	30
1,2-Dichlorobenzene	20.0	19.1		ug/Kg		96	74 - 120	2	30
1,2-Dichloroethane	20.0	19.5		ug/Kg		98	72 - 124	1	30
1,2-Dichloropropane	20.0	20.3		ug/Kg		101	70 - 124	1	30
1,3-Dichlorobenzene	20.0	19.0		ug/Kg		95	75 - 120	2	30
1,4-Dichlorobenzene	20.0	18.3		ug/Kg		92	76 - 122	2	30
2-Butanone	250	241		ug/Kg		96	48 - 142	2	30
2-Hexanone	250	217		ug/Kg		87	54 - 140	5	30
4-Methyl-2-pentanone	250	240		ug/Kg		96	67 - 138	4	30
Acetone	250	220		ug/Kg		88	28 - 169	0	30
Benzene	20.0	19.8		ug/Kg		99	80 - 120	0	30
Bromodichloromethane	20.0	19.9		ug/Kg		100	70 - 120	1	30
Bromoform	20.0	18.9		ug/Kg		95	66 - 127	0	30
Bromomethane	20.0	18.1		ug/Kg		91	60 - 120	1	30
Carbon disulfide	20.0	18.1		ug/Kg		90	64 - 133	1	30
Carbon tetrachloride	20.0	20.3		ug/Kg		102	64 - 120	1	30

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

Lab Sample ID: LCSD 410-568235/9
Matrix: Solid
Analysis Batch: 568235

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
Chlorobenzene	20.0	19.3		ug/Kg		96	74 - 120	1	30
Chloroethane	20.0	18.4		ug/Kg		92	55 - 127	1	30
Chloroform	20.0	18.2		ug/Kg		91	73 - 120	0	30
Chloromethane	20.0	16.7		ug/Kg		83	43 - 120	4	30
cis-1,2-Dichloroethene	20.0	20.3		ug/Kg		101	80 - 125	0	30
cis-1,3-Dichloropropene	20.0	19.0		ug/Kg		95	66 - 120	2	30
Cyclohexane	20.0	19.0		ug/Kg		95	58 - 126	0	30
Dibromochloromethane	20.0	19.3		ug/Kg		97	69 - 125	0	30
Dichlorodifluoromethane	20.0	15.9		ug/Kg		79	44 - 120	1	30
Ethylbenzene	20.0	20.0		ug/Kg		100	72 - 118	1	30
Freon 113	20.0	19.1		ug/Kg		96	53 - 126	2	30
Isopropylbenzene	20.0	21.6		ug/Kg		108	77 - 120	1	30
Methyl acetate	20.0	17.6		ug/Kg		88	59 - 137	5	30
Methyl tertiary butyl ether	20.0	17.4		ug/Kg		87	63 - 120	2	30
Methylcyclohexane	20.0	19.4		ug/Kg		97	61 - 124	0	30
Methylene Chloride	20.0	19.6		ug/Kg		98	76 - 122	0	30
Styrene	20.0	19.0		ug/Kg		95	76 - 120	2	30
Tetrachloroethene	20.0	20.0		ug/Kg		100	73 - 120	1	30
Toluene	20.0	19.3		ug/Kg		97	71 - 120	0	30
trans-1,2-Dichloroethene	20.0	20.1		ug/Kg		100	71 - 126	1	30
trans-1,3-Dichloropropene	20.0	18.8		ug/Kg		94	68 - 122	2	30
Trichloroethene	20.0	20.0		ug/Kg		100	72 - 120	1	30
Trichlorofluoromethane	20.0	18.6		ug/Kg		93	49 - 120	0	30
Vinyl chloride	20.0	17.5		ug/Kg		88	52 - 120	1	30
Xylenes, Total	60.0	59.1		ug/Kg		99	75 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*
4-Bromofluorobenzene (Surr)	*98*		*50 - 131*
Dibromofluoromethane (Surr)	*103*		*50 - 141*
Toluene-d8 (Surr)	*98*		*52 - 141*

Lab Sample ID: MB 410-568379/7
Matrix: Water
Analysis Batch: 568379

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	0.30	ug/L			10/27/24 21:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/27/24 21:26	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/27/24 21:26	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/27/24 21:26	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/27/24 21:26	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			10/27/24 21:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			10/27/24 21:26	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			10/27/24 21:26	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			10/27/24 21:26	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/27/24 21:26	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/27/24 21:26	1

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

Lab Sample ID: MB 410-568379/7
Matrix: Water
Analysis Batch: 568379

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			10/27/24 21:26	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			10/27/24 21:26	1
2-Butanone	ND		10	0.50	ug/L			10/27/24 21:26	1
2-Hexanone	ND		10	0.85	ug/L			10/27/24 21:26	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			10/27/24 21:26	1
Acetone	ND		20	0.70	ug/L			10/27/24 21:26	1
Benzene	ND		1.0	0.30	ug/L			10/27/24 21:26	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/27/24 21:26	1
Bromoform	ND		4.0	1.0	ug/L			10/27/24 21:26	1
Bromomethane	ND		1.0	0.30	ug/L			10/27/24 21:26	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/27/24 21:26	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/27/24 21:26	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/27/24 21:26	1
Chloroethane	ND		1.0	0.30	ug/L			10/27/24 21:26	1
Chloroform	ND		1.0	0.30	ug/L			10/27/24 21:26	1
Chloromethane	ND		2.0	0.55	ug/L			10/27/24 21:26	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/27/24 21:26	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/27/24 21:26	1
Cyclohexane	ND		5.0	1.0	ug/L			10/27/24 21:26	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/27/24 21:26	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			10/27/24 21:26	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/27/24 21:26	1
Freon 113	ND		10	0.30	ug/L			10/27/24 21:26	1
Isopropylbenzene	ND		5.0	0.30	ug/L			10/27/24 21:26	1
Methyl acetate	ND		5.0	0.30	ug/L			10/27/24 21:26	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			10/27/24 21:26	1
Methylcyclohexane	ND		5.0	0.50	ug/L			10/27/24 21:26	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/27/24 21:26	1
Styrene	ND		5.0	0.30	ug/L			10/27/24 21:26	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/27/24 21:26	1
Toluene	ND		1.0	0.30	ug/L			10/27/24 21:26	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/27/24 21:26	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/27/24 21:26	1
Trichloroethene	ND		1.0	0.30	ug/L			10/27/24 21:26	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			10/27/24 21:26	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/27/24 21:26	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/27/24 21:26	1

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*		*10/27/24 21:26*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 120*		*10/27/24 21:26*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*10/27/24 21:26*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*10/27/24 21:26*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/27/24 21:26*	*1*

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

Lab Sample ID: LCS 410-568379/4
Matrix: Water
Analysis Batch: 568379

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	20.0	14.6		ug/L		73	73 - 120
1,1,2,2-Tetrachloroethane	20.0	21.2		ug/L		106	72 - 120
1,1,2-Trichloroethane	20.0	19.0		ug/L		95	80 - 120
1,1-Dichloroethane	20.0	16.6		ug/L		83	80 - 120
1,1-Dichloroethene	20.0	16.6		ug/L		83	80 - 131
1,2,4-Trichlorobenzene	20.0	17.9		ug/L		90	63 - 120
1,2-Dibromo-3-Chloropropane	20.0	19.0		ug/L		95	60 - 120
1,2-Dibromoethane	20.0	18.0		ug/L		90	77 - 120
1,2-Dichlorobenzene	20.0	18.5		ug/L		93	80 - 120
1,2-Dichloroethane	20.0	15.4		ug/L		77	73 - 124
1,2-Dichloropropane	20.0	17.3		ug/L		86	80 - 120
1,3-Dichlorobenzene	20.0	18.9		ug/L		95	80 - 120
1,4-Dichlorobenzene	20.0	18.6		ug/L		93	80 - 120
2-Butanone	250	255		ug/L		102	59 - 135
2-Hexanone	250	281		ug/L		112	56 - 135
4-Methyl-2-pentanone	250	249		ug/L		100	62 - 133
Acetone	250	246		ug/L		98	57 - 143
Benzene	20.0	16.4		ug/L		82	80 - 120
Bromodichloromethane	20.0	16.5		ug/L		83	71 - 120
Bromoform	20.0	18.1		ug/L		90	51 - 120
Bromomethane	20.0	14.2		ug/L		71	53 - 128
Carbon disulfide	20.0	14.5		ug/L		73	65 - 128
Carbon tetrachloride	20.0	14.6		ug/L		73	64 - 134
Chlorobenzene	20.0	18.0		ug/L		90	80 - 120
Chloroethane	20.0	15.8		ug/L		79	55 - 123
Chloroform	20.0	16.1		ug/L		81	80 - 120
Chloromethane	20.0	14.5		ug/L		72	39 - 134
cis-1,2-Dichloroethene	20.0	16.3		ug/L		81	80 - 125
cis-1,3-Dichloropropene	20.0	16.4		ug/L		82	75 - 120
Cyclohexane	20.0	14.7		ug/L		74	68 - 126
Dibromochloromethane	20.0	17.5		ug/L		87	71 - 120
Dichlorodifluoromethane	20.0	10.4		ug/L		52	26 - 127
Ethylbenzene	20.0	17.7		ug/L		88	80 - 120
Freon 113	20.0	13.1		ug/L		66	57 - 122
Isopropylbenzene	20.0	19.3		ug/L		96	80 - 120
Methyl acetate	20.0	20.3		ug/L		101	48 - 168
Methyl tertiary butyl ether	20.0	15.6		ug/L		78	69 - 122
Methylcyclohexane	20.0	14.1		ug/L		71	67 - 121
Methylene Chloride	20.0	17.0		ug/L		85	80 - 120
Styrene	20.0	17.2		ug/L		86	80 - 120
Tetrachloroethene	20.0	16.4		ug/L		82	80 - 120
Toluene	20.0	17.7		ug/L		89	80 - 120
trans-1,2-Dichloroethene	20.0	16.3		ug/L		82	80 - 126
trans-1,3-Dichloropropene	20.0	17.5		ug/L		88	67 - 120
Trichloroethene	20.0	15.9		ug/L		80	80 - 120
Trichlorofluoromethane	20.0	13.7		ug/L		69	51 - 120
Vinyl chloride	20.0	14.5		ug/L		73	56 - 120
Xylenes, Total	60.0	52.5		ug/L		87	80 - 120

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

Lab Sample ID: LCS 410-568379/4
Matrix: Water
Analysis Batch: 568379

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		80 - 120
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	92		80 - 120
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: LCSD 410-568379/5
Matrix: Water
Analysis Batch: 568379

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	20.0	15.6		ug/L		78	73 - 120	7	30
1,1,2,2-Tetrachloroethane	20.0	22.9		ug/L		115	72 - 120	8	30
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	80 - 120	6	30
1,1-Dichloroethane	20.0	18.0		ug/L		90	80 - 120	8	30
1,1-Dichloroethene	20.0	17.7		ug/L		89	80 - 131	7	30
1,2,4-Trichlorobenzene	20.0	19.1		ug/L		96	63 - 120	6	30
1,2-Dibromo-3-Chloropropane	20.0	20.5		ug/L		102	60 - 120	7	30
1,2-Dibromoethane	20.0	19.6		ug/L		98	77 - 120	8	30
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	80 - 120	9	30
1,2-Dichloroethane	20.0	16.4		ug/L		82	73 - 124	6	30
1,2-Dichloropropane	20.0	18.8		ug/L		94	80 - 120	8	30
1,3-Dichlorobenzene	20.0	20.2		ug/L		101	80 - 120	6	30
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120	8	30
2-Butanone	250	268		ug/L		107	59 - 135	5	30
2-Hexanone	250	299		ug/L		120	56 - 135	6	30
4-Methyl-2-pentanone	250	264		ug/L		106	62 - 133	6	30
Acetone	250	272		ug/L		109	57 - 143	10	30
Benzene	20.0	17.4		ug/L		87	80 - 120	6	30
Bromodichloromethane	20.0	17.5		ug/L		87	71 - 120	5	30
Bromoform	20.0	19.6		ug/L		98	51 - 120	8	30
Bromomethane	20.0	15.2		ug/L		76	53 - 128	6	30
Carbon disulfide	20.0	15.6		ug/L		78	65 - 128	7	30
Carbon tetrachloride	20.0	15.8		ug/L		79	64 - 134	8	30
Chlorobenzene	20.0	19.1		ug/L		95	80 - 120	6	30
Chloroethane	20.0	16.9		ug/L		84	55 - 123	6	30
Chloroform	20.0	17.1		ug/L		85	80 - 120	6	30
Chloromethane	20.0	16.2		ug/L		81	39 - 134	11	30
cis-1,2-Dichloroethene	20.0	17.3		ug/L		86	80 - 125	6	30
cis-1,3-Dichloropropene	20.0	17.5		ug/L		88	75 - 120	7	30
Cyclohexane	20.0	15.8		ug/L		79	68 - 126	7	30
Dibromochloromethane	20.0	19.0		ug/L		95	71 - 120	8	30
Dichlorodifluoromethane	20.0	11.0		ug/L		55	26 - 127	6	30
Ethylbenzene	20.0	18.6		ug/L		93	80 - 120	5	30
Freon 113	20.0	13.7		ug/L		69	57 - 122	4	30
Isopropylbenzene	20.0	20.2		ug/L		101	80 - 120	5	30
Methyl acetate	20.0	21.6		ug/L		108	48 - 168	7	30
Methyl tertiary butyl ether	20.0	16.7		ug/L		83	69 - 122	7	30
Methylcyclohexane	20.0	15.1		ug/L		75	67 - 121	6	30

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

Lab Sample ID: LCSD 410-568379/5
Matrix: Water
Analysis Batch: 568379

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
Methylene Chloride			20.0	17.9		ug/L		90	80 - 120	5	30
Styrene			20.0	18.3		ug/L		91	80 - 120	6	30
Tetrachloroethene			20.0	17.8		ug/L		89	80 - 120	8	30
Toluene			20.0	19.0		ug/L		95	80 - 120	7	30
trans-1,2-Dichloroethene			20.0	17.4		ug/L		87	80 - 126	6	30
trans-1,3-Dichloropropene			20.0	18.8		ug/L		94	67 - 120	7	30
Trichloroethene			20.0	16.8		ug/L		84	80 - 120	5	30
Trichlorofluoromethane			20.0	14.7		ug/L		73	51 - 120	7	30
Vinyl chloride			20.0	15.3		ug/L		76	56 - 120	5	30
Xylenes, Total			60.0	55.1		ug/L		92	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*92*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: MB 410-569193/7
Matrix: Solid
Analysis Batch: 569193

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		250	35	ug/Kg			10/29/24 20:03	50
1,1,2,2-Tetrachloroethane	ND		250	30	ug/Kg			10/29/24 20:03	50
1,1,2-Trichloroethane	ND		250	25	ug/Kg			10/29/24 20:03	50
1,1-Dichloroethane	ND		250	25	ug/Kg			10/29/24 20:03	50
1,1-Dichloroethene	ND		250	30	ug/Kg			10/29/24 20:03	50
1,2,4-Trichlorobenzene	ND		500	250	ug/Kg			10/29/24 20:03	50
1,2-Dibromo-3-Chloropropane	ND		250	50	ug/Kg			10/29/24 20:03	50
1,2-Dibromoethane	ND		250	30	ug/Kg			10/29/24 20:03	50
1,2-Dichlorobenzene	ND		250	30	ug/Kg			10/29/24 20:03	50
1,2-Dichloroethane	ND		250	30	ug/Kg			10/29/24 20:03	50
1,2-Dichloropropane	ND		250	25	ug/Kg			10/29/24 20:03	50
1,3-Dichlorobenzene	ND		250	25	ug/Kg			10/29/24 20:03	50
1,4-Dichlorobenzene	ND		250	25	ug/Kg			10/29/24 20:03	50
2-Butanone	ND		500	100	ug/Kg			10/29/24 20:03	50
2-Hexanone	ND		500	75	ug/Kg			10/29/24 20:03	50
4-Methyl-2-pentanone	ND		500	75	ug/Kg			10/29/24 20:03	50
Acetone	ND		1000	300	ug/Kg			10/29/24 20:03	50
Benzene	ND		250	25	ug/Kg			10/29/24 20:03	50
Bromodichloromethane	ND		250	35	ug/Kg			10/29/24 20:03	50
Bromoform	ND		500	250	ug/Kg			10/29/24 20:03	50
Bromomethane	ND		250	80	ug/Kg			10/29/24 20:03	50
Carbon disulfide	ND		250	30	ug/Kg			10/29/24 20:03	50
Carbon tetrachloride	ND		250	100	ug/Kg			10/29/24 20:03	50
Chlorobenzene	ND		250	25	ug/Kg			10/29/24 20:03	50
Chloroethane	ND		250	75	ug/Kg			10/29/24 20:03	50
Chloroform	ND		250	30	ug/Kg			10/29/24 20:03	50

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

Lab Sample ID: MB 410-569193/7
Matrix: Solid
Analysis Batch: 569193

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		250	45	ug/Kg			10/29/24 20:03	50
cis-1,2-Dichloroethene	ND		250	30	ug/Kg			10/29/24 20:03	50
cis-1,3-Dichloropropene	ND		250	30	ug/Kg			10/29/24 20:03	50
Cyclohexane	ND		250	25	ug/Kg			10/29/24 20:03	50
Dibromochloromethane	ND		250	100	ug/Kg			10/29/24 20:03	50
Dichlorodifluoromethane	ND		250	30	ug/Kg			10/29/24 20:03	50
Ethylbenzene	ND		250	20	ug/Kg			10/29/24 20:03	50
Freon 113	ND		500	35	ug/Kg			10/29/24 20:03	50
Isopropylbenzene	ND		250	30	ug/Kg			10/29/24 20:03	50
Methyl acetate	ND		250	50	ug/Kg			10/29/24 20:03	50
Methyl tertiary butyl ether	ND		250	30	ug/Kg			10/29/24 20:03	50
Methylcyclohexane	ND		250	30	ug/Kg			10/29/24 20:03	50
Methylene Chloride	ND		250	100	ug/Kg			10/29/24 20:03	50
Styrene	ND		250	30	ug/Kg			10/29/24 20:03	50
Tetrachloroethene	ND		250	30	ug/Kg			10/29/24 20:03	50
Toluene	ND		250	30	ug/Kg			10/29/24 20:03	50
trans-1,2-Dichloroethene	ND		250	30	ug/Kg			10/29/24 20:03	50
trans-1,3-Dichloropropene	ND		250	30	ug/Kg			10/29/24 20:03	50
Trichloroethene	ND		250	30	ug/Kg			10/29/24 20:03	50
Trichlorofluoromethane	ND		250	40	ug/Kg			10/29/24 20:03	50
Vinyl chloride	ND		250	40	ug/Kg			10/29/24 20:03	50
Xylenes, Total	ND		250	70	ug/Kg			10/29/24 20:03	50

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*		*10/29/24 20:03*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*54 - 135*		*10/29/24 20:03*	*50*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*		*10/29/24 20:03*	*50*
Dibromofluoromethane (Surr)	*117*		*50 - 141*		*10/29/24 20:03*	*50*
Toluene-d8 (Surr)	*99*		*52 - 141*		*10/29/24 20:03*	*50*

Lab Sample ID: LCS 410-569193/13
Matrix: Solid
Analysis Batch: 569193

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	1000	1180		ug/Kg		118	69 - 123
1,1,2,2-Tetrachloroethane	1000	755		ug/Kg		76	69 - 125
1,1,2-Trichloroethane	1000	914		ug/Kg		91	76 - 120
1,1-Dichloroethane	1000	1210	*+	ug/Kg		121	68 - 120
1,1-Dichloroethene	1000	1230		ug/Kg		123	73 - 129
1,2,4-Trichlorobenzene	1000	911		ug/Kg		91	69 - 130
1,2-Dibromo-3-Chloropropane	1000	659		ug/Kg		66	61 - 134
1,2-Dibromoethane	1000	899		ug/Kg		90	76 - 120
1,2-Dichlorobenzene	1000	905		ug/Kg		91	74 - 120
1,2-Dichloroethane	1000	984		ug/Kg		98	72 - 124
1,2-Dichloropropane	1000	823		ug/Kg		82	70 - 124

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

Lab Sample ID: LCS 410-569193/13
Matrix: Solid
Analysis Batch: 569193

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	1000	917		ug/Kg		92	75 - 120
1,4-Dichlorobenzene	1000	922		ug/Kg		92	76 - 122
2-Butanone	12500	13400		ug/Kg		107	48 - 142
2-Hexanone	12500	9430		ug/Kg		75	54 - 140
4-Methyl-2-pentanone	12500	9240		ug/Kg		74	67 - 138
Acetone	12500	13200		ug/Kg		105	28 - 169
Benzene	1000	959		ug/Kg		96	80 - 120
Bromodichloromethane	1000	886		ug/Kg		89	70 - 120
Bromoform	1000	975		ug/Kg		97	66 - 127
Bromomethane	1000	714		ug/Kg		71	60 - 120
Carbon disulfide	1000	1120		ug/Kg		112	64 - 133
Carbon tetrachloride	1000	1030		ug/Kg		103	64 - 120
Chlorobenzene	1000	964		ug/Kg		96	74 - 120
Chloroethane	1000	715		ug/Kg		71	55 - 127
Chloroform	1000	1110		ug/Kg		111	73 - 120
Chloromethane	1000	757		ug/Kg		76	43 - 120
cis-1,2-Dichloroethene	1000	1150		ug/Kg		115	80 - 125
cis-1,3-Dichloropropene	1000	832		ug/Kg		83	66 - 120
Cyclohexane	1000	874		ug/Kg		87	58 - 126
Dibromochloromethane	1000	964		ug/Kg		96	69 - 125
Dichlorodifluoromethane	1000	771		ug/Kg		77	44 - 120
Ethylbenzene	1000	945		ug/Kg		94	72 - 118
Freon 113	1000	1040		ug/Kg		104	53 - 126
Isopropylbenzene	1000	1010		ug/Kg		101	77 - 120
Methyl acetate	1000	1190		ug/Kg		119	59 - 137
Methyl tertiary butyl ether	1000	1050		ug/Kg		105	63 - 120
Methylcyclohexane	1000	833		ug/Kg		83	61 - 124
Methylene Chloride	1000	1150		ug/Kg		115	76 - 122
Styrene	1000	893		ug/Kg		89	76 - 120
Tetrachloroethene	1000	1030		ug/Kg		103	73 - 120
Toluene	1000	931		ug/Kg		93	71 - 120
trans-1,2-Dichloroethene	1000	1200		ug/Kg		120	71 - 126
trans-1,3-Dichloropropene	1000	886		ug/Kg		89	68 - 122
Trichloroethene	1000	975		ug/Kg		98	72 - 120
Trichlorofluoromethane	1000	1120		ug/Kg		112	49 - 120
Vinyl chloride	1000	739		ug/Kg		74	52 - 120
Xylenes, Total	3000	2820		ug/Kg		94	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*
4-Bromofluorobenzene (Surr)	*106*		*50 - 131*
Dibromofluoromethane (Surr)	*129*		*50 - 141*
Toluene-d8 (Surr)	*105*		*52 - 141*

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

Lab Sample ID: LCSD 410-569193/14
Matrix: Solid
Analysis Batch: 569193

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	1000	949		ug/Kg		95	69 - 123	22	30
1,1,2,2-Tetrachloroethane	1000	887		ug/Kg		89	69 - 125	16	30
1,1,2-Trichloroethane	1000	1070		ug/Kg		107	76 - 120	15	30
1,1-Dichloroethane	1000	1070		ug/Kg		107	68 - 120	11	30
1,1-Dichloroethene	1000	1000		ug/Kg		100	73 - 129	20	30
1,2,4-Trichlorobenzene	1000	915		ug/Kg		92	69 - 130	0	30
1,2-Dibromo-3-Chloropropane	1000	650		ug/Kg		65	61 - 134	1	30
1,2-Dibromoethane	1000	1040		ug/Kg		104	76 - 120	15	30
1,2-Dichlorobenzene	1000	909		ug/Kg		91	74 - 120	0	30
1,2-Dichloroethane	1000	1030		ug/Kg		103	72 - 124	4	30
1,2-Dichloropropane	1000	1030		ug/Kg		103	70 - 124	22	30
1,3-Dichlorobenzene	1000	913		ug/Kg		91	75 - 120	0	30
1,4-Dichlorobenzene	1000	941		ug/Kg		94	76 - 122	2	30
2-Butanone	12500	12300		ug/Kg		98	48 - 142	9	30
2-Hexanone	12500	12900	*1	ug/Kg		103	54 - 140	31	30
4-Methyl-2-pentanone	12500	12500		ug/Kg		100	67 - 138	30	30
Acetone	12500	11000		ug/Kg		88	28 - 169	18	30
Benzene	1000	942		ug/Kg		94	80 - 120	2	30
Bromodichloromethane	1000	1020		ug/Kg		102	70 - 120	14	30
Bromoform	1000	939		ug/Kg		94	66 - 127	4	30
Bromomethane	1000	738		ug/Kg		74	60 - 120	3	30
Carbon disulfide	1000	996		ug/Kg		100	64 - 133	12	30
Carbon tetrachloride	1000	995		ug/Kg		100	64 - 120	4	30
Chlorobenzene	1000	964		ug/Kg		96	74 - 120	0	30
Chloroethane	1000	760		ug/Kg		76	55 - 127	6	30
Chloroform	1000	930		ug/Kg		93	73 - 120	18	30
Chloromethane	1000	625		ug/Kg		62	43 - 120	19	30
cis-1,2-Dichloroethene	1000	1010		ug/Kg		101	80 - 125	13	30
cis-1,3-Dichloropropene	1000	972		ug/Kg		97	66 - 120	16	30
Cyclohexane	1000	821		ug/Kg		82	58 - 126	6	30
Dibromochloromethane	1000	1080		ug/Kg		108	69 - 125	12	30
Dichlorodifluoromethane	1000	625		ug/Kg		63	44 - 120	21	30
Ethylbenzene	1000	1020		ug/Kg		102	72 - 118	7	30
Freon 113	1000	823		ug/Kg		82	53 - 126	23	30
Isopropylbenzene	1000	1030		ug/Kg		103	77 - 120	2	30
Methyl acetate	1000	1030		ug/Kg		103	59 - 137	14	30
Methyl tertiary butyl ether	1000	956		ug/Kg		96	63 - 120	9	30
Methylcyclohexane	1000	916		ug/Kg		92	61 - 124	9	30
Methylene Chloride	1000	1020		ug/Kg		102	76 - 122	12	30
Styrene	1000	942		ug/Kg		94	76 - 120	5	30
Tetrachloroethene	1000	1120		ug/Kg		112	73 - 120	9	30
Toluene	1000	1070		ug/Kg		107	71 - 120	14	30
trans-1,2-Dichloroethene	1000	1070		ug/Kg		107	71 - 126	11	30
trans-1,3-Dichloropropene	1000	1060		ug/Kg		106	68 - 122	18	30
Trichloroethene	1000	1020		ug/Kg		102	72 - 120	4	30
Trichlorofluoromethane	1000	831		ug/Kg		83	49 - 120	30	30
Vinyl chloride	1000	684		ug/Kg		68	52 - 120	8	30
Xylenes, Total	3000	2850		ug/Kg		95	75 - 120	1	30

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

Lab Sample ID: LCSD 410-569193/14
Matrix: Solid
Analysis Batch: 569193

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*
4-Bromofluorobenzene (Surr)	*109*		*50 - 131*
Dibromofluoromethane (Surr)	*105*		*50 - 141*
Toluene-d8 (Surr)	*120*		*52 - 141*

Lab Sample ID: MB 410-569195/7
Matrix: Solid
Analysis Batch: 569195

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		250	35	ug/Kg			10/29/24 20:23	50
1,1,2,2-Tetrachloroethane	ND		250	30	ug/Kg			10/29/24 20:23	50
1,1,2-Trichloroethane	ND		250	25	ug/Kg			10/29/24 20:23	50
1,1-Dichloroethane	ND		250	25	ug/Kg			10/29/24 20:23	50
1,1-Dichloroethene	ND		250	30	ug/Kg			10/29/24 20:23	50
1,2,4-Trichlorobenzene	ND		500	250	ug/Kg			10/29/24 20:23	50
1,2-Dibromo-3-Chloropropane	ND		250	50	ug/Kg			10/29/24 20:23	50
1,2-Dibromoethane	ND		250	30	ug/Kg			10/29/24 20:23	50
1,2-Dichlorobenzene	ND		250	30	ug/Kg			10/29/24 20:23	50
1,2-Dichloroethane	ND		250	30	ug/Kg			10/29/24 20:23	50
1,2-Dichloropropane	ND		250	25	ug/Kg			10/29/24 20:23	50
1,3-Dichlorobenzene	ND		250	25	ug/Kg			10/29/24 20:23	50
1,4-Dichlorobenzene	ND		250	25	ug/Kg			10/29/24 20:23	50
2-Butanone	ND		500	100	ug/Kg			10/29/24 20:23	50
2-Hexanone	ND		500	75	ug/Kg			10/29/24 20:23	50
4-Methyl-2-pentanone	ND		500	75	ug/Kg			10/29/24 20:23	50
Acetone	ND		1000	300	ug/Kg			10/29/24 20:23	50
Benzene	ND		250	25	ug/Kg			10/29/24 20:23	50
Bromodichloromethane	ND		250	35	ug/Kg			10/29/24 20:23	50
Bromoform	ND		500	250	ug/Kg			10/29/24 20:23	50
Bromomethane	ND		250	80	ug/Kg			10/29/24 20:23	50
Carbon disulfide	ND		250	30	ug/Kg			10/29/24 20:23	50
Carbon tetrachloride	ND		250	100	ug/Kg			10/29/24 20:23	50
Chlorobenzene	ND		250	25	ug/Kg			10/29/24 20:23	50
Chloroethane	ND		250	75	ug/Kg			10/29/24 20:23	50
Chloroform	ND		250	30	ug/Kg			10/29/24 20:23	50
Chloromethane	ND		250	45	ug/Kg			10/29/24 20:23	50
cis-1,2-Dichloroethene	ND		250	30	ug/Kg			10/29/24 20:23	50
cis-1,3-Dichloropropene	ND		250	30	ug/Kg			10/29/24 20:23	50
Cyclohexane	ND		250	25	ug/Kg			10/29/24 20:23	50
Dibromochloromethane	ND		250	100	ug/Kg			10/29/24 20:23	50
Dichlorodifluoromethane	ND		250	30	ug/Kg			10/29/24 20:23	50
Ethylbenzene	ND		250	20	ug/Kg			10/29/24 20:23	50
Freon 113	ND		500	35	ug/Kg			10/29/24 20:23	50
Isopropylbenzene	ND		250	30	ug/Kg			10/29/24 20:23	50
Methyl acetate	ND		250	50	ug/Kg			10/29/24 20:23	50
Methyl tertiary butyl ether	ND		250	30	ug/Kg			10/29/24 20:23	50
Methylcyclohexane	ND		250	30	ug/Kg			10/29/24 20:23	50

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

Lab Sample ID: MB 410-569195/7
Matrix: Solid
Analysis Batch: 569195

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		250	100	ug/Kg			10/29/24 20:23	50
Styrene	ND		250	30	ug/Kg			10/29/24 20:23	50
Tetrachloroethene	ND		250	30	ug/Kg			10/29/24 20:23	50
Toluene	ND		250	30	ug/Kg			10/29/24 20:23	50
trans-1,2-Dichloroethene	ND		250	30	ug/Kg			10/29/24 20:23	50
trans-1,3-Dichloropropene	ND		250	30	ug/Kg			10/29/24 20:23	50
Trichloroethene	ND		250	30	ug/Kg			10/29/24 20:23	50
Trichlorofluoromethane	ND		250	40	ug/Kg			10/29/24 20:23	50
Vinyl chloride	ND		250	40	ug/Kg			10/29/24 20:23	50
Xylenes, Total	ND		250	70	ug/Kg			10/29/24 20:23	50

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*		*10/29/24 20:23*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*54 - 135*		*10/29/24 20:23*	*50*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*		*10/29/24 20:23*	*50*
Dibromofluoromethane (Surr)	*92*		*50 - 141*		*10/29/24 20:23*	*50*
Toluene-d8 (Surr)	*94*		*52 - 141*		*10/29/24 20:23*	*50*

Lab Sample ID: LCS 410-569195/6
Matrix: Solid
Analysis Batch: 569195

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	1000	866		ug/Kg		87	69 - 123
1,1,2,2-Tetrachloroethane	1000	839		ug/Kg		84	69 - 125
1,1,2-Trichloroethane	1000	903		ug/Kg		90	76 - 120
1,1-Dichloroethane	1000	1010		ug/Kg		101	68 - 120
1,1-Dichloroethene	1000	1040		ug/Kg		104	73 - 129
1,2,4-Trichlorobenzene	1000	941		ug/Kg		94	69 - 130
1,2-Dibromo-3-Chloropropane	1000	654		ug/Kg		65	61 - 134
1,2-Dibromoethane	1000	850		ug/Kg		85	76 - 120
1,2-Dichlorobenzene	1000	925		ug/Kg		92	74 - 120
1,2-Dichloroethane	1000	892		ug/Kg		89	72 - 124
1,2-Dichloropropane	1000	1010		ug/Kg		101	70 - 124
1,3-Dichlorobenzene	1000	945		ug/Kg		95	75 - 120
1,4-Dichlorobenzene	1000	942		ug/Kg		94	76 - 122
2-Butanone	12500	12000		ug/Kg		96	48 - 142
2-Hexanone	12500	11800		ug/Kg		94	54 - 140
4-Methyl-2-pentanone	12500	12200		ug/Kg		97	67 - 138
Acetone	12500	13800		ug/Kg		110	28 - 169
Benzene	1000	984		ug/Kg		98	80 - 120
Bromodichloromethane	1000	855		ug/Kg		86	70 - 120
Bromoform	1000	651	*-	ug/Kg		65	66 - 127
Bromomethane	1000	704		ug/Kg		70	60 - 120
Carbon disulfide	1000	837		ug/Kg		84	64 - 133
Carbon tetrachloride	1000	773		ug/Kg		77	64 - 120

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

Lab Sample ID: LCS 410-569195/6
Matrix: Solid
Analysis Batch: 569195

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	1000	945		ug/Kg		95	74 - 120
Chloroethane	1000	999		ug/Kg		100	55 - 127
Chloroform	1000	895		ug/Kg		90	73 - 120
Chloromethane	1000	898		ug/Kg		90	43 - 120
cis-1,2-Dichloroethene	1000	979		ug/Kg		98	80 - 125
cis-1,3-Dichloropropene	1000	880		ug/Kg		88	66 - 120
Cyclohexane	1000	916		ug/Kg		92	58 - 126
Dibromochloromethane	1000	767		ug/Kg		77	69 - 125
Dichlorodifluoromethane	1000	769		ug/Kg		77	44 - 120
Ethylbenzene	1000	929		ug/Kg		93	72 - 118
Freon 113	1000	849		ug/Kg		85	53 - 126
Isopropylbenzene	1000	1050		ug/Kg		105	77 - 120
Methyl acetate	1000	863		ug/Kg		86	59 - 137
Methyl tertiary butyl ether	1000	856		ug/Kg		86	63 - 120
Methylcyclohexane	1000	918		ug/Kg		92	61 - 124
Methylene Chloride	1000	1010		ug/Kg		101	76 - 122
Styrene	1000	935		ug/Kg		93	76 - 120
Tetrachloroethene	1000	944		ug/Kg		94	73 - 120
Toluene	1000	948		ug/Kg		95	71 - 120
trans-1,2-Dichloroethene	1000	1010		ug/Kg		101	71 - 126
trans-1,3-Dichloropropene	1000	817		ug/Kg		82	68 - 122
Trichloroethene	1000	971		ug/Kg		97	72 - 120
Trichlorofluoromethane	1000	858		ug/Kg		86	49 - 120
Vinyl chloride	1000	899		ug/Kg		90	52 - 120
Xylenes, Total	3000	2800		ug/Kg		93	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*
4-Bromofluorobenzene (Surr)	*107*		*50 - 131*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: LCSD 410-569195/8
Matrix: Solid
Analysis Batch: 569195

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	1000	843		ug/Kg		84	69 - 123	3	30
1,1,2,2-Tetrachloroethane	1000	800		ug/Kg		80	69 - 125	5	30
1,1,2-Trichloroethane	1000	872		ug/Kg		87	76 - 120	4	30
1,1-Dichloroethane	1000	979		ug/Kg		98	68 - 120	3	30
1,1-Dichloroethene	1000	1010		ug/Kg		101	73 - 129	3	30
1,2,4-Trichlorobenzene	1000	819		ug/Kg		82	69 - 130	14	30
1,2-Dibromo-3-Chloropropane	1000	642		ug/Kg		64	61 - 134	2	30
1,2-Dibromoethane	1000	827		ug/Kg		83	76 - 120	3	30
1,2-Dichlorobenzene	1000	839		ug/Kg		84	74 - 120	10	30
1,2-Dichloroethane	1000	868		ug/Kg		87	72 - 124	3	30
1,2-Dichloropropane	1000	966		ug/Kg		97	70 - 124	4	30

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

Lab Sample ID: LCSD 410-569195/8
Matrix: Solid
Analysis Batch: 569195

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
1,3-Dichlorobenzene	1000	860		ug/Kg		86	75 - 120	9	30
1,4-Dichlorobenzene	1000	856		ug/Kg		86	76 - 122	10	30
2-Butanone	12500	10800		ug/Kg		87	48 - 142	10	30
2-Hexanone	12500	11600		ug/Kg		93	54 - 140	2	30
4-Methyl-2-pentanone	12500	12000		ug/Kg		96	67 - 138	2	30
Acetone	12500	12000		ug/Kg		96	28 - 169	13	30
Benzene	1000	958		ug/Kg		96	80 - 120	3	30
Bromodichloromethane	1000	819		ug/Kg		82	70 - 120	4	30
Bromoform	1000	627	*-	ug/Kg		63	66 - 127	4	30
Bromomethane	1000	595		ug/Kg		60	60 - 120	17	30
Carbon disulfide	1000	801		ug/Kg		80	64 - 133	4	30
Carbon tetrachloride	1000	755		ug/Kg		75	64 - 120	2	30
Chlorobenzene	1000	897		ug/Kg		90	74 - 120	5	30
Chloroethane	1000	856		ug/Kg		86	55 - 127	15	30
Chloroform	1000	864		ug/Kg		86	73 - 120	4	30
Chloromethane	1000	876		ug/Kg		88	43 - 120	3	30
cis-1,2-Dichloroethene	1000	942		ug/Kg		94	80 - 125	4	30
cis-1,3-Dichloropropene	1000	846		ug/Kg		85	66 - 120	4	30
Cyclohexane	1000	861		ug/Kg		86	58 - 126	6	30
Dibromochloromethane	1000	739		ug/Kg		74	69 - 125	4	30
Dichlorodifluoromethane	1000	752		ug/Kg		75	44 - 120	2	30
Ethylbenzene	1000	884		ug/Kg		88	72 - 118	5	30
Freon 113	1000	813		ug/Kg		81	53 - 126	4	30
Isopropylbenzene	1000	967		ug/Kg		97	77 - 120	8	30
Methyl acetate	1000	830		ug/Kg		83	59 - 137	4	30
Methyl tertiary butyl ether	1000	832		ug/Kg		83	63 - 120	3	30
Methylcyclohexane	1000	825		ug/Kg		82	61 - 124	11	30
Methylene Chloride	1000	976		ug/Kg		98	76 - 122	4	30
Styrene	1000	892		ug/Kg		89	76 - 120	5	30
Tetrachloroethene	1000	903		ug/Kg		90	73 - 120	4	30
Toluene	1000	916		ug/Kg		92	71 - 120	3	30
trans-1,2-Dichloroethene	1000	981		ug/Kg		98	71 - 126	3	30
trans-1,3-Dichloropropene	1000	787		ug/Kg		79	68 - 122	4	30
Trichloroethene	1000	935		ug/Kg		94	72 - 120	4	30
Trichlorofluoromethane	1000	841		ug/Kg		84	49 - 120	2	30
Vinyl chloride	1000	878		ug/Kg		88	52 - 120	2	30
Xylenes, Total	3000	2660		ug/Kg		89	75 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*54 - 135*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Dibromofluoromethane (Surr)	*97*		*50 - 141*
Toluene-d8 (Surr)	*98*		*52 - 141*

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

Lab Sample ID: MB 410-571635/6
Matrix: Water
Analysis Batch: 571635

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	0.30	ug/L			11/05/24 20:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/05/24 20:44	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/05/24 20:44	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/05/24 20:44	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/05/24 20:44	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/05/24 20:44	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/05/24 20:44	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/05/24 20:44	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/05/24 20:44	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/05/24 20:44	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/05/24 20:44	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/05/24 20:44	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/05/24 20:44	1
2-Butanone	ND		10	0.50	ug/L			11/05/24 20:44	1
2-Hexanone	ND		10	0.85	ug/L			11/05/24 20:44	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/05/24 20:44	1
Acetone	ND		20	0.70	ug/L			11/05/24 20:44	1
Benzene	ND		1.0	0.30	ug/L			11/05/24 20:44	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/05/24 20:44	1
Bromoform	ND		4.0	1.0	ug/L			11/05/24 20:44	1
Bromomethane	ND		1.0	0.30	ug/L			11/05/24 20:44	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/05/24 20:44	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/05/24 20:44	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/05/24 20:44	1
Chloroethane	ND		1.0	0.30	ug/L			11/05/24 20:44	1
Chloroform	ND		1.0	0.30	ug/L			11/05/24 20:44	1
Chloromethane	ND		2.0	0.55	ug/L			11/05/24 20:44	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/05/24 20:44	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/05/24 20:44	1
Cyclohexane	ND		5.0	1.0	ug/L			11/05/24 20:44	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/05/24 20:44	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/05/24 20:44	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/05/24 20:44	1
Freon 113	ND		10	0.30	ug/L			11/05/24 20:44	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/05/24 20:44	1
Methyl acetate	ND		5.0	0.30	ug/L			11/05/24 20:44	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/05/24 20:44	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/05/24 20:44	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/05/24 20:44	1
Styrene	ND		5.0	0.30	ug/L			11/05/24 20:44	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/05/24 20:44	1
Toluene	ND		1.0	0.30	ug/L			11/05/24 20:44	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/05/24 20:44	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/05/24 20:44	1
Trichloroethene	ND		1.0	0.30	ug/L			11/05/24 20:44	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/05/24 20:44	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/05/24 20:44	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/05/24 20:44	1

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

Lab Sample ID: MB 410-571635/6
Matrix: Water
Analysis Batch: 571635

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		11/05/24 20:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		11/05/24 20:44	1
4-Bromofluorobenzene (Surr)	99		80 - 120		11/05/24 20:44	1
Dibromofluoromethane (Surr)	102		80 - 120		11/05/24 20:44	1
Toluene-d8 (Surr)	98		80 - 120		11/05/24 20:44	1

Lab Sample ID: LCS 410-571635/4
Matrix: Water
Analysis Batch: 571635

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	20.0	19.0		ug/L		95	73 - 120
1,1,2,2-Tetrachloroethane	20.0	19.1		ug/L		96	72 - 120
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	80 - 120
1,1-Dichloroethane	20.0	19.6		ug/L		98	80 - 120
1,1-Dichloroethene	20.0	21.3		ug/L		107	80 - 131
1,2,4-Trichlorobenzene	20.0	22.1		ug/L		111	63 - 120
1,2-Dibromo-3-Chloropropane	20.0	16.5		ug/L		83	60 - 120
1,2-Dibromoethane	20.0	19.5		ug/L		98	77 - 120
1,2-Dichlorobenzene	20.0	20.7		ug/L		103	80 - 120
1,2-Dichloroethane	20.0	18.6		ug/L		93	73 - 124
1,2-Dichloropropane	20.0	19.0		ug/L		95	80 - 120
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120
2-Butanone	250	232		ug/L		93	59 - 135
2-Hexanone	250	247		ug/L		99	56 - 135
4-Methyl-2-pentanone	250	244		ug/L		98	62 - 133
Acetone	250	237		ug/L		95	57 - 143
Benzene	20.0	19.4		ug/L		97	80 - 120
Bromodichloromethane	20.0	17.5		ug/L		88	71 - 120
Bromoform	20.0	15.1		ug/L		75	51 - 120
Bromomethane	20.0	19.6		ug/L		98	53 - 128
Carbon disulfide	20.0	15.8		ug/L		79	65 - 128
Carbon tetrachloride	20.0	17.7		ug/L		88	64 - 134
Chlorobenzene	20.0	19.9		ug/L		99	80 - 120
Chloroethane	20.0	19.9		ug/L		99	55 - 123
Chloroform	20.0	19.1		ug/L		95	80 - 120
Chloromethane	20.0	19.7		ug/L		99	39 - 134
cis-1,2-Dichloroethene	20.0	19.3		ug/L		97	80 - 125
cis-1,3-Dichloropropene	20.0	16.7		ug/L		83	75 - 120
Cyclohexane	20.0	18.5		ug/L		92	68 - 126
Dibromochloromethane	20.0	16.4		ug/L		82	71 - 120
Dichlorodifluoromethane	20.0	18.8		ug/L		94	26 - 127
Ethylbenzene	20.0	19.4		ug/L		97	80 - 120
Freon 113	20.0	20.1		ug/L		100	57 - 122
Isopropylbenzene	20.0	23.0		ug/L		115	80 - 120

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

Lab Sample ID: LCS 410-571635/4
Matrix: Water
Analysis Batch: 571635

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	20.0	18.5		ug/L		93	48 - 168
Methyl tertiary butyl ether	20.0	18.2		ug/L		91	69 - 122
Methylcyclohexane	20.0	18.6		ug/L		93	67 - 121
Methylene Chloride	20.0	20.2		ug/L		101	80 - 120
Styrene	20.0	19.9		ug/L		100	80 - 120
Tetrachloroethene	20.0	19.7		ug/L		98	80 - 120
Toluene	20.0	19.5		ug/L		98	80 - 120
trans-1,2-Dichloroethene	20.0	19.7		ug/L		98	80 - 126
trans-1,3-Dichloropropene	20.0	17.3		ug/L		87	67 - 120
Trichloroethene	20.0	19.4		ug/L		97	80 - 120
Trichlorofluoromethane	20.0	20.7		ug/L		103	51 - 120
Vinyl chloride	20.0	19.5		ug/L		97	56 - 120
Xylenes, Total	60.0	58.6		ug/L		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 410-192708-83 MS
Matrix: Water
Analysis Batch: 571635

Client Sample ID: MW-08_20241028
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		20.0	20.6		ug/L		103	68 - 120
1,1,2,2-Tetrachloroethane	ND		20.0	19.5		ug/L		97	71 - 122
1,1,2-Trichloroethane	ND		20.0	20.5		ug/L		103	80 - 120
1,1-Dichloroethane	ND		20.0	20.7		ug/L		104	74 - 120
1,1-Dichloroethene	ND		20.0	23.3		ug/L		117	74 - 121
1,2,4-Trichlorobenzene	ND		20.0	20.8		ug/L		104	65 - 123
1,2-Dibromo-3-Chloropropane	ND		20.0	16.2		ug/L		81	57 - 120
1,2-Dibromoethane	ND		20.0	19.3		ug/L		97	80 - 120
1,2-Dichlorobenzene	ND		20.0	21.8		ug/L		109	75 - 120
1,2-Dichloroethane	ND		20.0	19.0		ug/L		95	69 - 120
1,2-Dichloropropane	ND		20.0	20.2		ug/L		101	77 - 120
1,3-Dichlorobenzene	ND		20.0	21.1		ug/L		106	77 - 120
1,4-Dichlorobenzene	ND		20.0	21.1		ug/L		106	79 - 120
2-Butanone	ND		250	217		ug/L		87	65 - 131
2-Hexanone	ND		250	240		ug/L		96	67 - 132
4-Methyl-2-pentanone	ND		250	241		ug/L		96	66 - 129
Acetone	ND		250	249		ug/L		100	58 - 141
Benzene	ND		20.0	20.9		ug/L		105	81 - 120
Bromodichloromethane	ND		20.0	17.7		ug/L		88	73 - 120
Bromoform	ND		20.0	14.4		ug/L		72	64 - 125
Bromomethane	ND		20.0	21.6		ug/L		108	43 - 128
Carbon disulfide	ND		20.0	23.7		ug/L		119	75 - 132
Carbon tetrachloride	ND		20.0	19.2		ug/L		96	63 - 128

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

Lab Sample ID: 410-192708-83 MS
Matrix: Water
Analysis Batch: 571635

Client Sample ID: MW-08_20241028
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		20.0	21.2		ug/L		106	80 - 120
Chloroethane	ND		20.0	22.2		ug/L		111	60 - 121
Chloroform	ND		20.0	19.9		ug/L		99	74 - 120
Chloromethane	ND	F1	20.0	26.9	F1	ug/L		134	49 - 126
cis-1,2-Dichloroethene	ND		20.0	20.6		ug/L		103	81 - 121
cis-1,3-Dichloropropene	ND		20.0	16.6		ug/L		83	71 - 120
Cyclohexane	ND		20.0	19.8		ug/L		99	63 - 126
Dibromochloromethane	ND		20.0	15.8		ug/L		79	74 - 120
Dichlorodifluoromethane	ND		20.0	20.5		ug/L		103	27 - 131
Ethylbenzene	ND		20.0	21.0		ug/L		105	78 - 120
Freon 113	ND		20.0	22.1		ug/L		110	64 - 131
Isopropylbenzene	ND	F1	20.0	24.6	F1	ug/L		123	75 - 121
Methyl acetate	ND	F2	20.0	24.2		ug/L		121	59 - 165
Methyl tertiary butyl ether	ND		20.0	18.2		ug/L		91	75 - 120
Methylcyclohexane	ND		20.0	20.8		ug/L		104	60 - 126
Methylene Chloride	ND		20.0	21.0		ug/L		105	77 - 120
Styrene	ND		20.0	21.0		ug/L		105	78 - 120
Tetrachloroethene	ND		20.0	22.3		ug/L		111	68 - 125
Toluene	ND		20.0	20.9		ug/L		104	79 - 120
trans-1,2-Dichloroethene	ND		20.0	21.5		ug/L		107	74 - 120
trans-1,3-Dichloropropene	ND		20.0	17.4		ug/L		87	72 - 120
Trichloroethene	ND		20.0	20.8		ug/L		104	76 - 120
Trichlorofluoromethane	ND		20.0	22.7		ug/L		113	47 - 120
Vinyl chloride	ND		20.0	21.8		ug/L		109	52 - 120
Xylenes, Total	ND		60.0	63.4		ug/L		106	78 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 410-192708-83 MSD
Matrix: Water
Analysis Batch: 571635

Client Sample ID: MW-08_20241028
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		20.0	20.7		ug/L		104	68 - 120	1	30
1,1,2,2-Tetrachloroethane	ND		20.0	19.0		ug/L		95	71 - 122	3	30
1,1,2-Trichloroethane	ND		20.0	20.0		ug/L		100	80 - 120	3	30
1,1-Dichloroethane	ND		20.0	20.8		ug/L		104	74 - 120	0	30
1,1-Dichloroethene	ND		20.0	23.3		ug/L		116	74 - 121	0	30
1,2,4-Trichlorobenzene	ND		20.0	21.1		ug/L		106	65 - 123	1	30
1,2-Dibromo-3-Chloropropane	ND		20.0	16.3		ug/L		81	57 - 120	0	30
1,2-Dibromoethane	ND		20.0	19.4		ug/L		97	80 - 120	0	30
1,2-Dichlorobenzene	ND		20.0	21.5		ug/L		107	75 - 120	1	30
1,2-Dichloroethane	ND		20.0	19.0		ug/L		95	69 - 120	0	30
1,2-Dichloropropane	ND		20.0	20.2		ug/L		101	77 - 120	0	30

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

Lab Sample ID: 410-192708-83 MSD
Matrix: Water
Analysis Batch: 571635

Client Sample ID: MW-08_20241028
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dichlorobenzene	ND		20.0	20.9		ug/L		104	77 - 120	1	30
1,4-Dichlorobenzene	ND		20.0	20.8		ug/L		104	79 - 120	2	30
2-Butanone	ND		250	226		ug/L		90	65 - 131	4	30
2-Hexanone	ND		250	247		ug/L		99	67 - 132	3	30
4-Methyl-2-pentanone	ND		250	245		ug/L		98	66 - 129	2	30
Acetone	ND		250	250		ug/L		100	58 - 141	0	30
Benzene	ND		20.0	21.2		ug/L		106	81 - 120	1	30
Bromodichloromethane	ND		20.0	18.1		ug/L		90	73 - 120	2	30
Bromoform	ND		20.0	14.4		ug/L		72	64 - 125	0	30
Bromomethane	ND		20.0	21.1		ug/L		105	43 - 128	2	30
Carbon disulfide	ND		20.0	23.9		ug/L		120	75 - 132	1	30
Carbon tetrachloride	ND		20.0	19.2		ug/L		96	63 - 128	0	30
Chlorobenzene	ND		20.0	20.9		ug/L		104	80 - 120	1	30
Chloroethane	ND		20.0	22.1		ug/L		111	60 - 121	1	30
Chloroform	ND		20.0	20.0		ug/L		100	74 - 120	1	30
Chloromethane	ND	F1	20.0	26.8	F1	ug/L		134	49 - 126	0	30
cis-1,2-Dichloroethene	ND		20.0	20.2		ug/L		101	81 - 121	2	30
cis-1,3-Dichloropropene	ND		20.0	17.3		ug/L		87	71 - 120	4	30
Cyclohexane	ND		20.0	20.2		ug/L		101	63 - 126	2	30
Dibromochloromethane	ND		20.0	16.1		ug/L		81	74 - 120	2	30
Dichlorodifluoromethane	ND		20.0	20.0		ug/L		100	27 - 131	2	30
Ethylbenzene	ND		20.0	20.8		ug/L		104	78 - 120	1	30
Freon 113	ND		20.0	21.9		ug/L		110	64 - 131	1	30
Isopropylbenzene	ND	F1	20.0	24.3		ug/L		121	75 - 121	1	30
Methyl acetate	ND	F2	20.0	17.2	F2	ug/L		86	59 - 165	34	30
Methyl tertiary butyl ether	ND		20.0	18.4		ug/L		92	75 - 120	1	30
Methylcyclohexane	ND		20.0	20.3		ug/L		101	60 - 126	3	30
Methylene Chloride	ND		20.0	20.3		ug/L		101	77 - 120	3	30
Styrene	ND		20.0	21.0		ug/L		105	78 - 120	0	30
Tetrachloroethene	ND		20.0	21.1		ug/L		105	68 - 125	6	30
Toluene	ND		20.0	20.8		ug/L		104	79 - 120	0	30
trans-1,2-Dichloroethene	ND		20.0	21.1		ug/L		105	74 - 120	2	30
trans-1,3-Dichloropropene	ND		20.0	17.5		ug/L		87	72 - 120	1	30
Trichloroethene	ND		20.0	20.9		ug/L		105	76 - 120	1	30
Trichlorofluoromethane	ND		20.0	22.4		ug/L		112	47 - 120	1	30
Vinyl chloride	ND		20.0	21.3		ug/L		107	52 - 120	2	30
Xylenes, Total	ND		60.0	62.4		ug/L		104	78 - 120	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

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

Lab Sample ID: MB 410-573975/8
Matrix: Water
Analysis Batch: 573975

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	0.30	ug/L			11/12/24 10:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/12/24 10:47	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/12/24 10:47	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/12/24 10:47	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/12/24 10:47	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/12/24 10:47	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/12/24 10:47	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/12/24 10:47	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/12/24 10:47	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/12/24 10:47	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/12/24 10:47	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/12/24 10:47	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/12/24 10:47	1
2-Butanone	ND		10	0.50	ug/L			11/12/24 10:47	1
2-Hexanone	ND		10	0.85	ug/L			11/12/24 10:47	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/12/24 10:47	1
Acetone	ND		20	0.70	ug/L			11/12/24 10:47	1
Benzene	ND		1.0	0.30	ug/L			11/12/24 10:47	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/12/24 10:47	1
Bromoform	ND		4.0	1.0	ug/L			11/12/24 10:47	1
Bromomethane	ND		1.0	0.30	ug/L			11/12/24 10:47	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/12/24 10:47	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/12/24 10:47	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/12/24 10:47	1
Chloroethane	ND		1.0	0.30	ug/L			11/12/24 10:47	1
Chloroform	ND		1.0	0.30	ug/L			11/12/24 10:47	1
Chloromethane	ND		2.0	0.55	ug/L			11/12/24 10:47	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/12/24 10:47	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/12/24 10:47	1
Cyclohexane	ND		5.0	1.0	ug/L			11/12/24 10:47	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/12/24 10:47	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/12/24 10:47	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/12/24 10:47	1
Freon 113	ND		10	0.30	ug/L			11/12/24 10:47	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/12/24 10:47	1
Methyl acetate	ND		5.0	0.30	ug/L			11/12/24 10:47	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/12/24 10:47	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/12/24 10:47	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/12/24 10:47	1
Styrene	ND		5.0	0.30	ug/L			11/12/24 10:47	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/12/24 10:47	1
Toluene	ND		1.0	0.30	ug/L			11/12/24 10:47	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/12/24 10:47	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/12/24 10:47	1
Trichloroethene	ND		1.0	0.30	ug/L			11/12/24 10:47	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/12/24 10:47	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/12/24 10:47	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/12/24 10:47	1

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

Lab Sample ID: MB 410-573975/8
Matrix: Water
Analysis Batch: 573975

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		11/12/24 10:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		11/12/24 10:47	1
4-Bromofluorobenzene (Surr)	97		80 - 120		11/12/24 10:47	1
Dibromofluoromethane (Surr)	100		80 - 120		11/12/24 10:47	1
Toluene-d8 (Surr)	98		80 - 120		11/12/24 10:47	1

Lab Sample ID: LCS 410-573975/4
Matrix: Water
Analysis Batch: 573975

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	20.0	17.6		ug/L		88	73 - 120
1,1,2,2-Tetrachloroethane	20.0	18.7		ug/L		94	72 - 120
1,1,2-Trichloroethane	20.0	19.1		ug/L		95	80 - 120
1,1-Dichloroethane	20.0	18.5		ug/L		92	80 - 120
1,1-Dichloroethene	20.0	19.4		ug/L		97	80 - 131
1,2,4-Trichlorobenzene	20.0	20.5		ug/L		103	63 - 120
1,2-Dibromo-3-Chloropropane	20.0	15.5		ug/L		78	60 - 120
1,2-Dibromoethane	20.0	18.7		ug/L		93	77 - 120
1,2-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 120
1,2-Dichloroethane	20.0	17.5		ug/L		87	73 - 124
1,2-Dichloropropane	20.0	18.3		ug/L		92	80 - 120
1,3-Dichlorobenzene	20.0	19.1		ug/L		95	80 - 120
1,4-Dichlorobenzene	20.0	19.3		ug/L		97	80 - 120
2-Butanone	250	222		ug/L		89	59 - 135
2-Hexanone	250	229		ug/L		91	56 - 135
4-Methyl-2-pentanone	250	232		ug/L		93	62 - 133
Acetone	250	276		ug/L		110	57 - 143
Benzene	20.0	18.6		ug/L		93	80 - 120
Bromodichloromethane	20.0	16.7		ug/L		84	71 - 120
Bromoform	20.0	14.0		ug/L		70	51 - 120
Bromomethane	20.0	18.8		ug/L		94	53 - 128
Carbon disulfide	20.0	14.9		ug/L		74	65 - 128
Carbon tetrachloride	20.0	15.7		ug/L		79	64 - 134
Chlorobenzene	20.0	19.3		ug/L		96	80 - 120
Chloroethane	20.0	19.7		ug/L		99	55 - 123
Chloroform	20.0	17.7		ug/L		89	80 - 120
Chloromethane	20.0	21.0		ug/L		105	39 - 134
cis-1,2-Dichloroethene	20.0	18.5		ug/L		92	80 - 125
cis-1,3-Dichloropropene	20.0	16.6		ug/L		83	75 - 120
Cyclohexane	20.0	16.5		ug/L		82	68 - 126
Dibromochloromethane	20.0	15.7		ug/L		78	71 - 120
Dichlorodifluoromethane	20.0	19.4		ug/L		97	26 - 127
Ethylbenzene	20.0	18.5		ug/L		93	80 - 120
Freon 113	20.0	17.9		ug/L		89	57 - 122
Isopropylbenzene	20.0	21.6		ug/L		108	80 - 120

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

Lab Sample ID: LCS 410-573975/4
Matrix: Water
Analysis Batch: 573975

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	20.0	18.7		ug/L		94	48 - 168
Methyl tertiary butyl ether	20.0	17.6		ug/L		88	69 - 122
Methylcyclohexane	20.0	17.0		ug/L		85	67 - 121
Methylene Chloride	20.0	18.9		ug/L		95	80 - 120
Styrene	20.0	19.2		ug/L		96	80 - 120
Tetrachloroethene	20.0	19.3		ug/L		97	80 - 120
Toluene	20.0	19.2		ug/L		96	80 - 120
trans-1,2-Dichloroethene	20.0	18.7		ug/L		94	80 - 126
trans-1,3-Dichloropropene	20.0	16.7		ug/L		83	67 - 120
Trichloroethene	20.0	18.6		ug/L		93	80 - 120
Trichlorofluoromethane	20.0	18.4		ug/L		92	51 - 120
Vinyl chloride	20.0	19.3		ug/L		96	56 - 120
Xylenes, Total	60.0	57.0		ug/L		95	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 410-573975/5
Matrix: Water
Analysis Batch: 573975

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	20.0	17.5		ug/L		88	73 - 120	0	30
1,1,2,2-Tetrachloroethane	20.0	17.8		ug/L		89	72 - 120	5	30
1,1,2-Trichloroethane	20.0	19.3		ug/L		96	80 - 120	1	30
1,1-Dichloroethane	20.0	18.1		ug/L		90	80 - 120	2	30
1,1-Dichloroethene	20.0	19.1		ug/L		96	80 - 131	2	30
1,2,4-Trichlorobenzene	20.0	19.3		ug/L		96	63 - 120	6	30
1,2-Dibromo-3-Chloropropane	20.0	15.0		ug/L		75	60 - 120	4	30
1,2-Dibromoethane	20.0	18.6		ug/L		93	77 - 120	0	30
1,2-Dichlorobenzene	20.0	19.1		ug/L		96	80 - 120	4	30
1,2-Dichloroethane	20.0	17.4		ug/L		87	73 - 124	0	30
1,2-Dichloropropane	20.0	18.6		ug/L		93	80 - 120	1	30
1,3-Dichlorobenzene	20.0	19.0		ug/L		95	80 - 120	1	30
1,4-Dichlorobenzene	20.0	18.9		ug/L		94	80 - 120	2	30
2-Butanone	250	227		ug/L		91	59 - 135	2	30
2-Hexanone	250	231		ug/L		92	56 - 135	1	30
4-Methyl-2-pentanone	250	234		ug/L		94	62 - 133	1	30
Acetone	250	242		ug/L		97	57 - 143	13	30
Benzene	20.0	18.7		ug/L		93	80 - 120	0	30
Bromodichloromethane	20.0	16.7		ug/L		83	71 - 120	0	30
Bromoform	20.0	13.6		ug/L		68	51 - 120	3	30
Bromomethane	20.0	18.6		ug/L		93	53 - 128	1	30
Carbon disulfide	20.0	14.4		ug/L		72	65 - 128	3	30
Carbon tetrachloride	20.0	15.3		ug/L		77	64 - 134	3	30

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

Lab Sample ID: LCSD 410-573975/5
Matrix: Water
Analysis Batch: 573975

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
Chlorobenzene	20.0	19.2		ug/L		96	80 - 120	0	30
Chloroethane	20.0	19.3		ug/L		97	55 - 123	2	30
Chloroform	20.0	17.7		ug/L		88	80 - 120	0	30
Chloromethane	20.0	21.0		ug/L		105	39 - 134	0	30
cis-1,2-Dichloroethene	20.0	18.1		ug/L		91	80 - 125	2	30
cis-1,3-Dichloropropene	20.0	16.9		ug/L		85	75 - 120	2	30
Cyclohexane	20.0	16.0		ug/L		80	68 - 126	3	30
Dibromochloromethane	20.0	15.7		ug/L		79	71 - 120	0	30
Dichlorodifluoromethane	20.0	18.7		ug/L		93	26 - 127	4	30
Ethylbenzene	20.0	18.1		ug/L		91	80 - 120	2	30
Freon 113	20.0	17.8		ug/L		89	57 - 122	1	30
Isopropylbenzene	20.0	20.8		ug/L		104	80 - 120	4	30
Methyl acetate	20.0	17.5		ug/L		87	48 - 168	7	30
Methyl tertiary butyl ether	20.0	17.4		ug/L		87	69 - 122	1	30
Methylcyclohexane	20.0	16.6		ug/L		83	67 - 121	2	30
Methylene Chloride	20.0	18.4		ug/L		92	80 - 120	3	30
Styrene	20.0	19.0		ug/L		95	80 - 120	1	30
Tetrachloroethene	20.0	19.1		ug/L		95	80 - 120	1	30
Toluene	20.0	19.0		ug/L		95	80 - 120	1	30
trans-1,2-Dichloroethene	20.0	18.6		ug/L		93	80 - 126	1	30
trans-1,3-Dichloropropene	20.0	16.3		ug/L		82	67 - 120	2	30
Trichloroethene	20.0	18.9		ug/L		94	80 - 120	1	30
Trichlorofluoromethane	20.0	17.6		ug/L		88	51 - 120	4	30
Vinyl chloride	20.0	18.8		ug/L		94	56 - 120	3	30
Xylenes, Total	60.0	55.7		ug/L		93	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 410-574052/7
Matrix: Water
Analysis Batch: 574052

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	0.30	ug/L			11/12/24 12:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/12/24 12:13	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/12/24 12:13	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/12/24 12:13	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/12/24 12:13	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/12/24 12:13	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/12/24 12:13	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/12/24 12:13	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/12/24 12:13	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/12/24 12:13	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/12/24 12:13	1

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

Lab Sample ID: MB 410-574052/7
Matrix: Water
Analysis Batch: 574052

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/12/24 12:13	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/12/24 12:13	1
2-Butanone	ND		10	0.50	ug/L			11/12/24 12:13	1
2-Hexanone	ND		10	0.85	ug/L			11/12/24 12:13	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/12/24 12:13	1
Acetone	ND		20	0.70	ug/L			11/12/24 12:13	1
Benzene	ND		1.0	0.30	ug/L			11/12/24 12:13	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/12/24 12:13	1
Bromoform	ND		4.0	1.0	ug/L			11/12/24 12:13	1
Bromomethane	ND		1.0	0.30	ug/L			11/12/24 12:13	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/12/24 12:13	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/12/24 12:13	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/12/24 12:13	1
Chloroethane	ND		1.0	0.30	ug/L			11/12/24 12:13	1
Chloroform	ND		1.0	0.30	ug/L			11/12/24 12:13	1
Chloromethane	ND		2.0	0.55	ug/L			11/12/24 12:13	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/12/24 12:13	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/12/24 12:13	1
Cyclohexane	ND		5.0	1.0	ug/L			11/12/24 12:13	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/12/24 12:13	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/12/24 12:13	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/12/24 12:13	1
Freon 113	ND		10	0.30	ug/L			11/12/24 12:13	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/12/24 12:13	1
Methyl acetate	ND		5.0	0.30	ug/L			11/12/24 12:13	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/12/24 12:13	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/12/24 12:13	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/12/24 12:13	1
Styrene	ND		5.0	0.30	ug/L			11/12/24 12:13	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/12/24 12:13	1
Toluene	ND		1.0	0.30	ug/L			11/12/24 12:13	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/12/24 12:13	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/12/24 12:13	1
Trichloroethene	ND		1.0	0.30	ug/L			11/12/24 12:13	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/12/24 12:13	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/12/24 12:13	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/12/24 12:13	1

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*		*11/12/24 12:13*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*11/12/24 12:13*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*11/12/24 12:13*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*11/12/24 12:13*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/12/24 12:13*	*1*

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

Lab Sample ID: LCS 410-574052/4
Matrix: Water
Analysis Batch: 574052

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	20.0	21.8		ug/L		109	73 - 120
1,1,2,2-Tetrachloroethane	20.0	23.1		ug/L		116	72 - 120
1,1,2-Trichloroethane	20.0	21.9		ug/L		110	80 - 120
1,1-Dichloroethane	20.0	21.3		ug/L		107	80 - 120
1,1-Dichloroethene	20.0	22.7		ug/L		114	80 - 131
1,2,4-Trichlorobenzene	20.0	22.9		ug/L		114	63 - 120
1,2-Dibromo-3-Chloropropane	20.0	21.4		ug/L		107	60 - 120
1,2-Dibromoethane	20.0	21.6		ug/L		108	77 - 120
1,2-Dichlorobenzene	20.0	21.9		ug/L		109	80 - 120
1,2-Dichloroethane	20.0	20.5		ug/L		102	73 - 124
1,2-Dichloropropane	20.0	20.4		ug/L		102	80 - 120
1,3-Dichlorobenzene	20.0	21.7		ug/L		108	80 - 120
1,4-Dichlorobenzene	20.0	21.4		ug/L		107	80 - 120
2-Butanone	250	240		ug/L		96	59 - 135
2-Hexanone	250	235		ug/L		94	56 - 135
4-Methyl-2-pentanone	250	217		ug/L		87	62 - 133
Acetone	250	218		ug/L		87	57 - 143
Benzene	20.0	20.4		ug/L		102	80 - 120
Bromodichloromethane	20.0	20.8		ug/L		104	71 - 120
Bromoform	20.0	21.4		ug/L		107	51 - 120
Bromomethane	20.0	19.7		ug/L		98	53 - 128
Carbon disulfide	20.0	22.7		ug/L		114	65 - 128
Carbon tetrachloride	20.0	21.8		ug/L		109	64 - 134
Chlorobenzene	20.0	21.0		ug/L		105	80 - 120
Chloroethane	20.0	19.7		ug/L		98	55 - 123
Chloroform	20.0	21.1		ug/L		106	80 - 120
Chloromethane	20.0	18.9		ug/L		94	39 - 134
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	80 - 125
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	75 - 120
Cyclohexane	20.0	19.9		ug/L		100	68 - 126
Dibromochloromethane	20.0	21.2		ug/L		106	71 - 120
Dichlorodifluoromethane	20.0	20.3		ug/L		102	26 - 127
Ethylbenzene	20.0	21.2		ug/L		106	80 - 120
Freon 113	20.0	19.8		ug/L		99	57 - 122
Isopropylbenzene	20.0	24.7	*+	ug/L		124	80 - 120
Methyl acetate	20.0	21.0		ug/L		105	48 - 168
Methyl tertiary butyl ether	20.0	20.0		ug/L		100	69 - 122
Methylcyclohexane	20.0	19.9		ug/L		99	67 - 121
Methylene Chloride	20.0	21.5		ug/L		108	80 - 120
Styrene	20.0	21.1		ug/L		105	80 - 120
Tetrachloroethene	20.0	21.4		ug/L		107	80 - 120
Toluene	20.0	21.9		ug/L		110	80 - 120
trans-1,2-Dichloroethene	20.0	21.2		ug/L		106	80 - 126
trans-1,3-Dichloropropene	20.0	21.4		ug/L		107	67 - 120
Trichloroethene	20.0	20.6		ug/L		103	80 - 120
Trichlorofluoromethane	20.0	19.3		ug/L		96	51 - 120
Vinyl chloride	20.0	19.7		ug/L		98	56 - 120
Xylenes, Total	60.0	63.3		ug/L		106	80 - 120

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

Lab Sample ID: LCS 410-574052/4
Matrix: Water
Analysis Batch: 574052

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: LCSD 410-574052/5
Matrix: Water
Analysis Batch: 574052

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	20.0	21.2		ug/L		106	73 - 120	3	30
1,1,2,2-Tetrachloroethane	20.0	22.1		ug/L		110	72 - 120	5	30
1,1,2-Trichloroethane	20.0	22.1		ug/L		110	80 - 120	1	30
1,1-Dichloroethane	20.0	21.4		ug/L		107	80 - 120	1	30
1,1-Dichloroethene	20.0	23.0		ug/L		115	80 - 131	1	30
1,2,4-Trichlorobenzene	20.0	22.3		ug/L		112	63 - 120	3	30
1,2-Dibromo-3-Chloropropane	20.0	20.3		ug/L		101	60 - 120	5	30
1,2-Dibromoethane	20.0	21.4		ug/L		107	77 - 120	1	30
1,2-Dichlorobenzene	20.0	20.9		ug/L		104	80 - 120	5	30
1,2-Dichloroethane	20.0	20.6		ug/L		103	73 - 124	1	30
1,2-Dichloropropane	20.0	20.6		ug/L		103	80 - 120	1	30
1,3-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120	3	30
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120	3	30
2-Butanone	250	237		ug/L		95	59 - 135	1	30
2-Hexanone	250	233		ug/L		93	56 - 135	1	30
4-Methyl-2-pentanone	250	217		ug/L		87	62 - 133	0	30
Acetone	250	198		ug/L		79	57 - 143	10	30
Benzene	20.0	20.1		ug/L		101	80 - 120	1	30
Bromodichloromethane	20.0	20.6		ug/L		103	71 - 120	1	30
Bromoform	20.0	20.6		ug/L		103	51 - 120	4	30
Bromomethane	20.0	19.6		ug/L		98	53 - 128	0	30
Carbon disulfide	20.0	19.5		ug/L		98	65 - 128	15	30
Carbon tetrachloride	20.0	21.1		ug/L		106	64 - 134	3	30
Chlorobenzene	20.0	20.4		ug/L		102	80 - 120	3	30
Chloroethane	20.0	20.2		ug/L		101	55 - 123	2	30
Chloroform	20.0	21.0		ug/L		105	80 - 120	1	30
Chloromethane	20.0	19.4		ug/L		97	39 - 134	3	30
cis-1,2-Dichloroethene	20.0	20.8		ug/L		104	80 - 125	1	30
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	75 - 120	0	30
Cyclohexane	20.0	19.7		ug/L		99	68 - 126	1	30
Dibromochloromethane	20.0	21.3		ug/L		106	71 - 120	0	30
Dichlorodifluoromethane	20.0	20.2		ug/L		101	26 - 127	1	30
Ethylbenzene	20.0	20.3		ug/L		102	80 - 120	4	30
Freon 113	20.0	19.9		ug/L		99	57 - 122	0	30
Isopropylbenzene	20.0	23.8		ug/L		119	80 - 120	4	30
Methyl acetate	20.0	19.9		ug/L		99	48 - 168	5	30
Methyl tertiary butyl ether	20.0	20.9		ug/L		105	69 - 122	5	30
Methylcyclohexane	20.0	19.3		ug/L		96	67 - 121	3	30

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

Lab Sample ID: LCSD 410-574052/5
Matrix: Water
Analysis Batch: 574052

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
Methylene Chloride			20.0	21.6		ug/L		108	80 - 120	1	30
Styrene			20.0	20.4		ug/L		102	80 - 120	3	30
Tetrachloroethene			20.0	20.7		ug/L		103	80 - 120	3	30
Toluene			20.0	21.2		ug/L		106	80 - 120	3	30
trans-1,2-Dichloroethene			20.0	21.4		ug/L		107	80 - 126	1	30
trans-1,3-Dichloropropene			20.0	21.3		ug/L		106	67 - 120	1	30
Trichloroethene			20.0	20.1		ug/L		100	80 - 120	2	30
Trichlorofluoromethane			20.0	19.9		ug/L		99	51 - 120	3	30
Vinyl chloride			20.0	19.4		ug/L		97	56 - 120	2	30
Xylenes, Total			60.0	61.2		ug/L		102	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 410-574400/7
Matrix: Water
Analysis Batch: 574400

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	0.30	ug/L			11/13/24 10:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/13/24 10:25	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/13/24 10:25	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/13/24 10:25	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/13/24 10:25	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/13/24 10:25	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/13/24 10:25	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/13/24 10:25	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/13/24 10:25	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/13/24 10:25	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/13/24 10:25	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/13/24 10:25	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/13/24 10:25	1
2-Butanone	ND		10	0.50	ug/L			11/13/24 10:25	1
2-Hexanone	ND		10	0.85	ug/L			11/13/24 10:25	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/13/24 10:25	1
Acetone	ND		20	0.70	ug/L			11/13/24 10:25	1
Benzene	ND		1.0	0.30	ug/L			11/13/24 10:25	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/13/24 10:25	1
Bromoform	ND		4.0	1.0	ug/L			11/13/24 10:25	1
Bromomethane	ND		1.0	0.30	ug/L			11/13/24 10:25	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/13/24 10:25	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/13/24 10:25	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/13/24 10:25	1
Chloroethane	ND		1.0	0.30	ug/L			11/13/24 10:25	1
Chloroform	ND		1.0	0.30	ug/L			11/13/24 10:25	1

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

Lab Sample ID: MB 410-574400/7
Matrix: Water
Analysis Batch: 574400

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		2.0	0.55	ug/L			11/13/24 10:25	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/13/24 10:25	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/13/24 10:25	1
Cyclohexane	ND		5.0	1.0	ug/L			11/13/24 10:25	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/13/24 10:25	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/13/24 10:25	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/13/24 10:25	1
Freon 113	ND		10	0.30	ug/L			11/13/24 10:25	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/13/24 10:25	1
Methyl acetate	ND		5.0	0.30	ug/L			11/13/24 10:25	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/13/24 10:25	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/13/24 10:25	1
Methylene Chloride	ND		1.0	0.30	ug/L			11/13/24 10:25	1
Styrene	ND		5.0	0.30	ug/L			11/13/24 10:25	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/13/24 10:25	1
Toluene	ND		1.0	0.30	ug/L			11/13/24 10:25	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/13/24 10:25	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/13/24 10:25	1
Trichloroethene	ND		1.0	0.30	ug/L			11/13/24 10:25	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/13/24 10:25	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/13/24 10:25	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/13/24 10:25	1

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*		*11/13/24 10:25*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*11/13/24 10:25*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*11/13/24 10:25*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*11/13/24 10:25*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/13/24 10:25*	*1*

Lab Sample ID: LCS 410-574400/4
Matrix: Water
Analysis Batch: 574400

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	20.0	20.4		ug/L		102	73 - 120
1,1,2,2-Tetrachloroethane	20.0	19.9		ug/L		100	72 - 120
1,1,2-Trichloroethane	20.0	20.5		ug/L		102	80 - 120
1,1-Dichloroethane	20.0	20.7		ug/L		103	80 - 120
1,1-Dichloroethene	20.0	23.3		ug/L		117	80 - 131
1,2,4-Trichlorobenzene	20.0	20.0		ug/L		100	63 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.9		ug/L		95	60 - 120
1,2-Dibromoethane	20.0	20.2		ug/L		101	77 - 120
1,2-Dichlorobenzene	20.0	21.1		ug/L		105	80 - 120
1,2-Dichloroethane	20.0	19.0		ug/L		95	73 - 124
1,2-Dichloropropane	20.0	19.6		ug/L		98	80 - 120

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

Lab Sample ID: LCS 410-574400/4
Matrix: Water
Analysis Batch: 574400

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	20.0	21.5		ug/L		107	80 - 120
1,4-Dichlorobenzene	20.0	21.4		ug/L		107	80 - 120
2-Butanone	250	226		ug/L		91	59 - 135
2-Hexanone	250	256		ug/L		102	56 - 135
4-Methyl-2-pentanone	250	237		ug/L		95	62 - 133
Acetone	250	262		ug/L		105	57 - 143
Benzene	20.0	20.2		ug/L		101	80 - 120
Bromodichloromethane	20.0	19.7		ug/L		99	71 - 120
Bromoform	20.0	20.7		ug/L		104	51 - 120
Bromomethane	20.0	22.5		ug/L		112	53 - 128
Carbon disulfide	20.0	23.8		ug/L		119	65 - 128
Carbon tetrachloride	20.0	21.1		ug/L		105	64 - 134
Chlorobenzene	20.0	21.4		ug/L		107	80 - 120
Chloroethane	20.0	19.9		ug/L		100	55 - 123
Chloroform	20.0	20.4		ug/L		102	80 - 120
Chloromethane	20.0	20.1		ug/L		100	39 - 134
cis-1,2-Dichloroethene	20.0	21.3		ug/L		106	80 - 125
cis-1,3-Dichloropropene	20.0	17.8		ug/L		89	75 - 120
Cyclohexane	20.0	17.3		ug/L		86	68 - 126
Dibromochloromethane	20.0	20.8		ug/L		104	71 - 120
Dichlorodifluoromethane	20.0	22.6		ug/L		113	26 - 127
Ethylbenzene	20.0	20.8		ug/L		104	80 - 120
Freon 113	20.0	20.2		ug/L		101	57 - 122
Isopropylbenzene	20.0	22.9		ug/L		115	80 - 120
Methyl acetate	20.0	19.6		ug/L		98	48 - 168
Methyl tertiary butyl ether	20.0	16.5		ug/L		82	69 - 122
Methylcyclohexane	20.0	18.5		ug/L		92	67 - 121
Methylene Chloride	20.0	20.8		ug/L		104	80 - 120
Styrene	20.0	21.4		ug/L		107	80 - 120
Tetrachloroethene	20.0	22.3		ug/L		112	80 - 120
Toluene	20.0	21.0		ug/L		105	80 - 120
trans-1,2-Dichloroethene	20.0	22.0		ug/L		110	80 - 126
trans-1,3-Dichloropropene	20.0	17.9		ug/L		90	67 - 120
Trichloroethene	20.0	20.8		ug/L		104	80 - 120
Trichlorofluoromethane	20.0	19.6		ug/L		98	51 - 120
Vinyl chloride	20.0	20.2		ug/L		101	56 - 120
Xylenes, Total	60.0	63.9		ug/L		107	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: LCSD 410-574400/5
Matrix: Water
Analysis Batch: 574400

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	20.0	21.5		ug/L		107	73 - 120	5	30
1,1,2,2-Tetrachloroethane	20.0	21.0		ug/L		105	72 - 120	5	30
1,1,2-Trichloroethane	20.0	21.9		ug/L		110	80 - 120	7	30
1,1-Dichloroethane	20.0	22.2		ug/L		111	80 - 120	7	30
1,1-Dichloroethene	20.0	24.7		ug/L		124	80 - 131	6	30
1,2,4-Trichlorobenzene	20.0	21.0		ug/L		105	63 - 120	5	30
1,2-Dibromo-3-Chloropropane	20.0	20.1		ug/L		100	60 - 120	6	30
1,2-Dibromoethane	20.0	21.7		ug/L		108	77 - 120	7	30
1,2-Dichlorobenzene	20.0	22.3		ug/L		112	80 - 120	6	30
1,2-Dichloroethane	20.0	20.3		ug/L		101	73 - 124	7	30
1,2-Dichloropropane	20.0	20.7		ug/L		103	80 - 120	5	30
1,3-Dichlorobenzene	20.0	22.5		ug/L		113	80 - 120	5	30
1,4-Dichlorobenzene	20.0	22.8		ug/L		114	80 - 120	6	30
2-Butanone	250	235		ug/L		94	59 - 135	4	30
2-Hexanone	250	271		ug/L		108	56 - 135	6	30
4-Methyl-2-pentanone	250	250		ug/L		100	62 - 133	6	30
Acetone	250	258		ug/L		103	57 - 143	2	30
Benzene	20.0	21.8		ug/L		109	80 - 120	7	30
Bromodichloromethane	20.0	21.2		ug/L		106	71 - 120	7	30
Bromoform	20.0	22.5		ug/L		113	51 - 120	8	30
Bromomethane	20.0	23.0		ug/L		115	53 - 128	2	30
Carbon disulfide	20.0	24.8		ug/L		124	65 - 128	4	30
Carbon tetrachloride	20.0	22.8		ug/L		114	64 - 134	8	30
Chlorobenzene	20.0	23.2		ug/L		116	80 - 120	8	30
Chloroethane	20.0	20.8		ug/L		104	55 - 123	4	30
Chloroform	20.0	21.7		ug/L		108	80 - 120	6	30
Chloromethane	20.0	20.2		ug/L		101	39 - 134	0	30
cis-1,2-Dichloroethene	20.0	22.8		ug/L		114	80 - 125	7	30
cis-1,3-Dichloropropene	20.0	18.8		ug/L		94	75 - 120	5	30
Cyclohexane	20.0	18.5		ug/L		93	68 - 126	7	30
Dibromochloromethane	20.0	22.3		ug/L		111	71 - 120	7	30
Dichlorodifluoromethane	20.0	23.9		ug/L		119	26 - 127	5	30
Ethylbenzene	20.0	22.1		ug/L		110	80 - 120	6	30
Freon 113	20.0	21.7		ug/L		108	57 - 122	7	30
Isopropylbenzene	20.0	24.4	*+	ug/L		122	80 - 120	6	30
Methyl acetate	20.0	22.1		ug/L		110	48 - 168	12	30
Methyl tertiary butyl ether	20.0	17.8		ug/L		89	69 - 122	8	30
Methylcyclohexane	20.0	19.8		ug/L		99	67 - 121	7	30
Methylene Chloride	20.0	22.2		ug/L		111	80 - 120	6	30
Styrene	20.0	22.8		ug/L		114	80 - 120	6	30
Tetrachloroethene	20.0	23.7		ug/L		119	80 - 120	6	30
Toluene	20.0	22.6		ug/L		113	80 - 120	7	30
trans-1,2-Dichloroethene	20.0	23.5		ug/L		117	80 - 126	6	30
trans-1,3-Dichloropropene	20.0	19.4		ug/L		97	67 - 120	8	30
Trichloroethene	20.0	22.1		ug/L		111	80 - 120	6	30
Trichlorofluoromethane	20.0	21.0		ug/L		105	51 - 120	7	30
Vinyl chloride	20.0	21.3		ug/L		107	56 - 120	5	30
Xylenes, Total	60.0	67.7		ug/L		113	80 - 120	6	30

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

Lab Sample ID: LCSD 410-574400/5
Matrix: Water
Analysis Batch: 574400

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: MB 410-575794/7
Matrix: Water
Analysis Batch: 575794

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	0.30	ug/L			11/15/24 21:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			11/15/24 21:49	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/15/24 21:49	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			11/15/24 21:49	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			11/15/24 21:49	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			11/15/24 21:49	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			11/15/24 21:49	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			11/15/24 21:49	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			11/15/24 21:49	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			11/15/24 21:49	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			11/15/24 21:49	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			11/15/24 21:49	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			11/15/24 21:49	1
2-Butanone	ND		10	0.50	ug/L			11/15/24 21:49	1
2-Hexanone	ND		10	0.85	ug/L			11/15/24 21:49	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			11/15/24 21:49	1
Acetone	ND		20	0.70	ug/L			11/15/24 21:49	1
Benzene	ND		1.0	0.30	ug/L			11/15/24 21:49	1
Bromodichloromethane	ND		1.0	0.20	ug/L			11/15/24 21:49	1
Bromoform	ND		4.0	1.0	ug/L			11/15/24 21:49	1
Bromomethane	ND		1.0	0.30	ug/L			11/15/24 21:49	1
Carbon disulfide	ND		5.0	0.30	ug/L			11/15/24 21:49	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			11/15/24 21:49	1
Chlorobenzene	ND		1.0	0.30	ug/L			11/15/24 21:49	1
Chloroethane	ND		1.0	0.30	ug/L			11/15/24 21:49	1
Chloroform	ND		1.0	0.30	ug/L			11/15/24 21:49	1
Chloromethane	ND		2.0	0.55	ug/L			11/15/24 21:49	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			11/15/24 21:49	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/15/24 21:49	1
Cyclohexane	ND		5.0	1.0	ug/L			11/15/24 21:49	1
Dibromochloromethane	ND		1.0	0.20	ug/L			11/15/24 21:49	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			11/15/24 21:49	1
Ethylbenzene	ND		1.0	0.40	ug/L			11/15/24 21:49	1
Freon 113	ND		10	0.30	ug/L			11/15/24 21:49	1
Isopropylbenzene	ND		5.0	0.30	ug/L			11/15/24 21:49	1
Methyl acetate	ND		5.0	0.30	ug/L			11/15/24 21:49	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			11/15/24 21:49	1
Methylcyclohexane	ND		5.0	0.50	ug/L			11/15/24 21:49	1

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

Lab Sample ID: MB 410-575794/7
Matrix: Water
Analysis Batch: 575794

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.0	0.30	ug/L			11/15/24 21:49	1
Styrene	ND		5.0	0.30	ug/L			11/15/24 21:49	1
Tetrachloroethene	ND		1.0	0.30	ug/L			11/15/24 21:49	1
Toluene	ND		1.0	0.30	ug/L			11/15/24 21:49	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			11/15/24 21:49	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			11/15/24 21:49	1
Trichloroethene	ND		1.0	0.30	ug/L			11/15/24 21:49	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			11/15/24 21:49	1
Vinyl chloride	ND		1.0	0.30	ug/L			11/15/24 21:49	1
Xylenes, Total	ND		1.0	0.40	ug/L			11/15/24 21:49	1

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*		*11/15/24 21:49*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*11/15/24 21:49*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*11/15/24 21:49*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*11/15/24 21:49*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/15/24 21:49*	*1*

Lab Sample ID: LCS 410-575794/4
Matrix: Water
Analysis Batch: 575794

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	20.0	17.8		ug/L		89	73 - 120
1,1,2,2-Tetrachloroethane	20.0	21.0		ug/L		105	72 - 120
1,1,2-Trichloroethane	20.0	19.9		ug/L		100	80 - 120
1,1-Dichloroethane	20.0	18.9		ug/L		95	80 - 120
1,1-Dichloroethene	20.0	19.2		ug/L		96	80 - 131
1,2,4-Trichlorobenzene	20.0	20.2		ug/L		101	63 - 120
1,2-Dibromo-3-Chloropropane	20.0	17.6		ug/L		88	60 - 120
1,2-Dibromoethane	20.0	19.4		ug/L		97	77 - 120
1,2-Dichlorobenzene	20.0	19.4		ug/L		97	80 - 120
1,2-Dichloroethane	20.0	18.4		ug/L		92	73 - 124
1,2-Dichloropropane	20.0	19.1		ug/L		95	80 - 120
1,3-Dichlorobenzene	20.0	19.2		ug/L		96	80 - 120
1,4-Dichlorobenzene	20.0	18.9		ug/L		94	80 - 120
2-Butanone	250	222		ug/L		89	59 - 135
2-Hexanone	250	214		ug/L		85	56 - 135
4-Methyl-2-pentanone	250	203		ug/L		81	62 - 133
Acetone	250	236		ug/L		95	57 - 143
Benzene	20.0	18.7		ug/L		93	80 - 120
Bromodichloromethane	20.0	18.5		ug/L		93	71 - 120
Bromoform	20.0	17.8		ug/L		89	51 - 120
Bromomethane	20.0	18.4		ug/L		92	53 - 128
Carbon disulfide	20.0	15.5		ug/L		77	65 - 128
Carbon tetrachloride	20.0	17.2		ug/L		86	64 - 134

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

Lab Sample ID: LCS 410-575794/4
Matrix: Water
Analysis Batch: 575794

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	20.0	18.9		ug/L		95	80 - 120
Chloroethane	20.0	18.5		ug/L		92	55 - 123
Chloroform	20.0	18.4		ug/L		92	80 - 120
Chloromethane	20.0	17.3		ug/L		86	39 - 134
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	80 - 125
cis-1,3-Dichloropropene	20.0	17.0		ug/L		85	75 - 120
Cyclohexane	20.0	14.5		ug/L		72	68 - 126
Dibromochloromethane	20.0	18.3		ug/L		92	71 - 120
Dichlorodifluoromethane	20.0	13.9		ug/L		70	26 - 127
Ethylbenzene	20.0	18.7		ug/L		94	80 - 120
Freon 113	20.0	14.0		ug/L		70	57 - 122
Isopropylbenzene	20.0	21.4		ug/L		107	80 - 120
Methyl acetate	20.0	20.0		ug/L		100	48 - 168
Methyl tertiary butyl ether	20.0	18.7		ug/L		94	69 - 122
Methylcyclohexane	20.0	14.2		ug/L		71	67 - 121
Methylene Chloride	20.0	19.1		ug/L		96	80 - 120
Styrene	20.0	18.7		ug/L		94	80 - 120
Tetrachloroethene	20.0	18.4		ug/L		92	80 - 120
Toluene	20.0	19.3		ug/L		97	80 - 120
trans-1,2-Dichloroethene	20.0	18.4		ug/L		92	80 - 126
trans-1,3-Dichloropropene	20.0	17.4		ug/L		87	67 - 120
Trichloroethene	20.0	18.3		ug/L		91	80 - 120
Trichlorofluoromethane	20.0	15.2		ug/L		76	51 - 120
Vinyl chloride	20.0	17.6		ug/L		88	56 - 120
Xylenes, Total	60.0	56.2		ug/L		94	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 410-575794/5
Matrix: Water
Analysis Batch: 575794

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	20.0	18.0		ug/L		90	73 - 120	1	30
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		101	72 - 120	3	30
1,1,2-Trichloroethane	20.0	20.0		ug/L		100	80 - 120	0	30
1,1-Dichloroethane	20.0	19.4		ug/L		97	80 - 120	3	30
1,1-Dichloroethene	20.0	19.2		ug/L		96	80 - 131	0	30
1,2,4-Trichlorobenzene	20.0	20.3		ug/L		102	63 - 120	1	30
1,2-Dibromo-3-Chloropropane	20.0	17.6		ug/L		88	60 - 120	0	30
1,2-Dibromoethane	20.0	19.6		ug/L		98	77 - 120	1	30
1,2-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120	1	30
1,2-Dichloroethane	20.0	18.3		ug/L		91	73 - 124	0	30
1,2-Dichloropropane	20.0	19.2		ug/L		96	80 - 120	1	30

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

Lab Sample ID: LCSD 410-575794/5
Matrix: Water
Analysis Batch: 575794

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
1,3-Dichlorobenzene			20.0	19.3		ug/L		96	80 - 120	0	30
1,4-Dichlorobenzene			20.0	19.5		ug/L		97	80 - 120	3	30
2-Butanone			250	219		ug/L		88	59 - 135	1	30
2-Hexanone			250	215		ug/L		86	56 - 135	1	30
4-Methyl-2-pentanone			250	202		ug/L		81	62 - 133	0	30
Acetone			250	247		ug/L		99	57 - 143	4	30
Benzene			20.0	18.8		ug/L		94	80 - 120	1	30
Bromodichloromethane			20.0	18.4		ug/L		92	71 - 120	1	30
Bromoform			20.0	17.7		ug/L		88	51 - 120	1	30
Bromomethane			20.0	18.4		ug/L		92	53 - 128	0	30
Carbon disulfide			20.0	16.4		ug/L		82	65 - 128	5	30
Carbon tetrachloride			20.0	17.7		ug/L		88	64 - 134	3	30
Chlorobenzene			20.0	19.0		ug/L		95	80 - 120	0	30
Chloroethane			20.0	19.1		ug/L		96	55 - 123	4	30
Chloroform			20.0	18.6		ug/L		93	80 - 120	1	30
Chloromethane			20.0	19.4		ug/L		97	39 - 134	11	30
cis-1,2-Dichloroethene			20.0	19.1		ug/L		96	80 - 125	0	30
cis-1,3-Dichloropropene			20.0	17.1		ug/L		85	75 - 120	0	30
Cyclohexane			20.0	15.1		ug/L		75	68 - 126	4	30
Dibromochloromethane			20.0	18.2		ug/L		91	71 - 120	1	30
Dichlorodifluoromethane			20.0	14.2		ug/L		71	26 - 127	2	30
Ethylbenzene			20.0	19.0		ug/L		95	80 - 120	1	30
Freon 113			20.0	14.7		ug/L		73	57 - 122	4	30
Isopropylbenzene			20.0	21.6		ug/L		108	80 - 120	1	30
Methyl acetate			20.0	18.0		ug/L		90	48 - 168	11	30
Methyl tertiary butyl ether			20.0	19.0		ug/L		95	69 - 122	1	30
Methylcyclohexane			20.0	14.6		ug/L		73	67 - 121	3	30
Methylene Chloride			20.0	19.6		ug/L		98	80 - 120	2	30
Styrene			20.0	18.8		ug/L		94	80 - 120	1	30
Tetrachloroethene			20.0	18.5		ug/L		92	80 - 120	0	30
Toluene			20.0	19.2		ug/L		96	80 - 120	1	30
trans-1,2-Dichloroethene			20.0	19.1		ug/L		96	80 - 126	4	30
trans-1,3-Dichloropropene			20.0	17.2		ug/L		86	67 - 120	1	30
Trichloroethene			20.0	18.2		ug/L		91	80 - 120	0	30
Trichlorofluoromethane			20.0	15.5		ug/L		78	51 - 120	2	30
Vinyl chloride			20.0	18.1		ug/L		91	56 - 120	3	30
Xylenes, Total			60.0	56.9		ug/L		95	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: MB 460-1004662/1-A
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		330	12	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2,2'-oxybis[1-chloropropane]	ND		330	20	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2,4,5-Trichlorophenol	ND		330	34	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2,4,6-Trichlorophenol	ND		130	42	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2,4-Dichlorophenol	ND		130	21	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2,4-Dimethylphenol	ND		330	39	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2,4-Dinitrophenol	ND		270	160	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2,4-Dinitrotoluene	ND		67	36	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2,6-Dinitrotoluene	ND		67	24	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2-Chloronaphthalene	ND		330	15	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2-Chlorophenol	ND		330	12	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2-Methylnaphthalene	ND		330	9.3	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2-Methylphenol	ND		330	12	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2-Nitroaniline	ND		330	25	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
2-Nitrophenol	ND		330	33	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
3,3'-Dichlorobenzidine	ND		130	50	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
3-Nitroaniline	ND		330	79	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
4-Bromophenyl phenyl ether	ND		330	13	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
4-Chloro-3-methylphenol	ND		330	19	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
4-Chloroaniline	ND		330	59	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
4-Chlorophenyl phenyl ether	ND		330	12	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
4-Methylphenol	ND		330	21	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
4-Nitroaniline	ND		330	38	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
4-Nitrophenol	ND		670	54	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Acenaphthene	ND		330	9.4	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Acenaphthylene	ND		330	9.5	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Acetophenone	ND		330	16	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Anthracene	ND		330	10	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Atrazine	ND		130	19	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Benzaldehyde	ND		330	55	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Benzo[a]anthracene	ND		33	25	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Benzo[a]pyrene	ND		33	8.8	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Benzo[b]fluoranthene	ND		33	8.6	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Benzo[g,h,i]perylene	ND		330	9.8	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Benzo[k]fluoranthene	ND		33	6.5	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Butyl benzyl phthalate	ND		330	16	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Caprolactam	ND		330	51	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Carbazole	ND		330	13	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Chrysene	ND		330	14	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Di-n-butyl phthalate	ND		330	12	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Di-n-octyl phthalate	ND		330	18	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Dibenz(a,h)anthracene	ND		33	14	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Dibenzofuran	ND		330	11	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Diethyl phthalate	ND		330	11	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Dimethyl phthalate	ND		330	75	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Fluoranthene	ND		330	12	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Fluorene	ND		330	9.7	ug/Kg		10/31/24 20:24	11/01/24 11:08	1

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

Lab Sample ID: MB 460-1004662/1-A
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		33	16	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Hexachlorobutadiene	ND		67	7.0	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Hexachlorocyclopentadiene	ND		330	29	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Hexachloroethane	ND		33	11	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Indeno[1,2,3-cd]pyrene	ND		33	13	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Isophorone	ND		130	96	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
N-Nitrosodi-n-propylamine	ND		33	24	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
N-Nitrosodiphenylamine	ND		330	27	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Naphthalene	ND		330	5.7	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Nitrobenzene	ND		33	18	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Pentachlorophenol	ND		270	68	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Phenanthrene	ND		330	14	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Phenol	ND		330	12	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Pyrene	ND		330	8.2	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Bis(2-chloroethoxy)methane	ND		330	26	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Bis(2-chloroethyl)ether	ND		33	12	ug/Kg		10/31/24 20:24	11/01/24 11:08	1
Bis(2-ethylhexyl) phthalate	ND		330	17	ug/Kg		10/31/24 20:24	11/01/24 11:08	1

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*	*10/31/24 20:24*	*11/01/24 11:08*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*24 - 137*	*10/31/24 20:24*	*11/01/24 11:08*	*1*
2-Fluorophenol (Surr)	*97*		*31 - 133*	*10/31/24 20:24*	*11/01/24 11:08*	*1*
Nitrobenzene-d5 (Surr)	*97*		*31 - 120*	*10/31/24 20:24*	*11/01/24 11:08*	*1*
Phenol-d5 (Surr)	*98*		*35 - 132*	*10/31/24 20:24*	*11/01/24 11:08*	*1*

Lab Sample ID: LCS 460-1004662/2-A
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3330	3520	cn	ug/Kg		106	64 - 120
2,2'-oxybis[1-chloropropane]	3330	3440	cn	ug/Kg		103	46 - 126
2,4,5-Trichlorophenol	3330	3710	cn	ug/Kg		111	64 - 120
2,4,6-Trichlorophenol	3330	3600	cn	ug/Kg		108	65 - 120
2,4-Dichlorophenol	3330	3610	cn	ug/Kg		108	66 - 120
2,4-Dimethylphenol	3330	4190	*+ cn	ug/Kg		126	46 - 120
2,4-Dinitrophenol	6670	6790	cn	ug/Kg		102	41 - 129
2,4-Dinitrotoluene	3330	3990	cn	ug/Kg		120	65 - 124
2,6-Dinitrotoluene	3330	3870	cn	ug/Kg		116	67 - 121
2-Chloronaphthalene	3330	3550	cn	ug/Kg		106	64 - 120
2-Chlorophenol	3330	3510	cn	ug/Kg		105	63 - 120
2-Methylnaphthalene	3330	3150	cn	ug/Kg		94	64 - 120
2-Methylphenol	3330	3580	cn	ug/Kg		107	63 - 120
2-Nitroaniline	3330	3680	cn	ug/Kg		110	48 - 120
2-Nitrophenol	3330	3510	cn	ug/Kg		105	64 - 120
3,3'-Dichlorobenzidine	3330	3220	cn	ug/Kg		97	10 - 120

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

Lab Sample ID: LCS 460-1004662/2-A
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Nitroaniline	3330	3070	cn	ug/Kg		92	18 - 122
4,6-Dinitro-2-methylphenol	6670	7120	cn	ug/Kg		107	58 - 136
4-Bromophenyl phenyl ether	3330	3680	cn	ug/Kg		111	60 - 120
4-Chloro-3-methylphenol	3330	3600	cn	ug/Kg		108	66 - 120
4-Chloroaniline	3330	2880	cn	ug/Kg		86	10 - 120
4-Chlorophenyl phenyl ether	3330	3630	cn	ug/Kg		109	62 - 120
4-Methylphenol	3330	3570	cn	ug/Kg		107	61 - 120
4-Nitroaniline	3330	3590	cn	ug/Kg		108	51 - 120
4-Nitrophenol	6670	7380	cn	ug/Kg		111	42 - 132
Acenaphthene	3330	3540	cn	ug/Kg		106	65 - 120
Acenaphthylene	3330	3900	cn	ug/Kg		117	64 - 120
Acetophenone	3330	3420	cn	ug/Kg		103	61 - 120
Anthracene	3330	3680	cn	ug/Kg		110	67 - 120
Atrazine	1330	1770	cn	ug/Kg		133	32 - 150
Benzaldehyde	1330	1510	cn	ug/Kg		114	28 - 150
Benzo[a]anthracene	3330	3740	cn	ug/Kg		112	66 - 120
Benzo[a]pyrene	3330	4010	cn	ug/Kg		120	73 - 123
Benzo[b]fluoranthene	3330	4000	cn	ug/Kg		120	70 - 125
Benzo[g,h,i]perylene	3330	4080	*+ cn	ug/Kg		122	66 - 120
Benzo[k]fluoranthene	3330	3660	cn	ug/Kg		110	67 - 122
Butyl benzyl phthalate	3330	3850	cn	ug/Kg		116	62 - 127
Caprolactam	1330	1520	cn	ug/Kg		114	36 - 150
Carbazole	3330	3620	cn	ug/Kg		109	64 - 120
Chrysene	3330	3630	cn	ug/Kg		109	67 - 120
Di-n-butyl phthalate	3330	3850	cn	ug/Kg		115	66 - 120
Di-n-octyl phthalate	3330	3960	cn	ug/Kg		119	61 - 123
Dibenz(a,h)anthracene	3330	4030	cn	ug/Kg		121	66 - 128
Dibenzofuran	3330	3560	cn	ug/Kg		107	61 - 120
Diethyl phthalate	3330	3700	cn	ug/Kg		111	63 - 120
Dimethyl phthalate	3330	3660	cn	ug/Kg		110	65 - 120
Fluoranthene	3330	3720	cn	ug/Kg		112	61 - 120
Fluorene	3330	3680	cn	ug/Kg		110	64 - 120
Hexachlorobenzene	3330	3630	cn	ug/Kg		109	66 - 120
Hexachlorobutadiene	3330	3420	cn	ug/Kg		102	62 - 120
Hexachlorocyclopentadiene	3330	4840	*+ cn	ug/Kg		145	13 - 120
Hexachloroethane	3330	3420	cn	ug/Kg		103	61 - 120
Indeno[1,2,3-cd]pyrene	3330	4000	cn	ug/Kg		120	71 - 137
Isophorone	3330	3550	cn	ug/Kg		106	61 - 120
N-Nitrosodi-n-propylamine	3330	3470	cn	ug/Kg		104	56 - 120
N-Nitrosodiphenylamine	3330	3560	cn	ug/Kg		107	63 - 120
Naphthalene	3330	3530	cn	ug/Kg		106	63 - 120
Nitrobenzene	3330	3620	cn	ug/Kg		109	63 - 120
Pentachlorophenol	6670	7550	cn	ug/Kg		113	61 - 126
Phenanthrene	3330	3620	cn	ug/Kg		109	66 - 120
Phenol	3330	3440	cn	ug/Kg		103	63 - 120
Pyrene	3330	3670	cn	ug/Kg		110	61 - 121
Bis(2-chloroethoxy)methane	3330	3570	cn	ug/Kg		107	62 - 120
Bis(2-chloroethyl)ether	3330	3510	cn	ug/Kg		105	60 - 120
Bis(2-ethylhexyl) phthalate	3330	3890	cn	ug/Kg		117	64 - 125

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	114	cn	24 - 137
2-Fluorophenol (Surr)	105	cn	31 - 133
Nitrobenzene-d5 (Surr)	106	cn	31 - 120
Phenol-d5 (Surr)	108	cn	35 - 132

Lab Sample ID: LCSD 460-1004662/3-A
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1004662

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3330	3150	cn	ug/Kg		95	64 - 120	11	30
2,2'-oxybis[1-chloropropane]			3330	3050	cn	ug/Kg		92	46 - 126	12	30
2,4,5-Trichlorophenol			3330	3340	cn	ug/Kg		100	64 - 120	11	30
2,4,6-Trichlorophenol			3330	3210	cn	ug/Kg		96	65 - 120	11	30
2,4-Dichlorophenol			3330	3260	cn	ug/Kg		98	66 - 120	10	30
2,4-Dimethylphenol			3330	3740	cn	ug/Kg		112	46 - 120	11	30
2,4-Dinitrophenol			6670	6030	cn	ug/Kg		90	41 - 129	12	30
2,4-Dinitrotoluene			3330	3560	cn	ug/Kg		107	65 - 124	11	30
2,6-Dinitrotoluene			3330	3520	cn	ug/Kg		106	67 - 121	9	30
2-Chloronaphthalene			3330	3140	cn	ug/Kg		94	64 - 120	12	30
2-Chlorophenol			3330	3170	cn	ug/Kg		95	63 - 120	10	30
2-Methylnaphthalene			3330	2790	cn	ug/Kg		84	64 - 120	12	30
2-Methylphenol			3330	3200	cn	ug/Kg		96	63 - 120	11	30
2-Nitroaniline			3330	3290	cn	ug/Kg		99	48 - 120	11	30
2-Nitrophenol			3330	3250	cn	ug/Kg		97	64 - 120	8	30
3,3'-Dichlorobenzidine			3330	2920	cn	ug/Kg		88	10 - 120	10	30
3-Nitroaniline			3330	2710	cn	ug/Kg		81	18 - 122	12	30
4,6-Dinitro-2-methylphenol			6670	6540	cn	ug/Kg		98	58 - 136	9	30
4-Bromophenyl phenyl ether			3330	3230	cn	ug/Kg		97	60 - 120	13	30
4-Chloro-3-methylphenol			3330	3250	cn	ug/Kg		97	66 - 120	10	30
4-Chloroaniline			3330	2560	cn	ug/Kg		77	10 - 120	12	30
4-Chlorophenyl phenyl ether			3330	3270	cn	ug/Kg		98	62 - 120	10	30
4-Methylphenol			3330	3180	cn	ug/Kg		95	61 - 120	11	30
4-Nitroaniline			3330	3110	cn	ug/Kg		93	51 - 120	14	30
4-Nitrophenol			6670	6500	cn	ug/Kg		97	42 - 132	13	30
Acenaphthene			3330	3170	cn	ug/Kg		95	65 - 120	11	30
Acenaphthylene			3330	3440	cn	ug/Kg		103	64 - 120	13	30
Acetophenone			3330	3070	cn	ug/Kg		92	61 - 120	11	30
Anthracene			3330	3250	cn	ug/Kg		98	67 - 120	12	30
Atrazine			1330	1550	cn	ug/Kg		116	32 - 150	13	30
Benzaldehyde			1330	1290	cn	ug/Kg		97	28 - 150	16	30
Benzo[a]anthracene			3330	3310	cn	ug/Kg		99	66 - 120	12	30
Benzo[a]pyrene			3330	3570	cn	ug/Kg		107	73 - 123	12	30
Benzo[b]fluoranthene			3330	3490	cn	ug/Kg		105	70 - 125	13	30
Benzo[g,h,i]perylene			3330	3630	cn	ug/Kg		109	66 - 120	12	30
Benzo[k]fluoranthene			3330	3250	cn	ug/Kg		97	67 - 122	12	30
Butyl benzyl phthalate			3330	3430	cn	ug/Kg		103	62 - 127	11	30
Caprolactam			1330	1360	cn	ug/Kg		102	36 - 150	11	30
Carbazole			3330	3210	cn	ug/Kg		96	64 - 120	12	30
Chrysene			3330	3220	cn	ug/Kg		97	67 - 120	12	30
Di-n-butyl phthalate			3330	3410	cn	ug/Kg		102	66 - 120	12	30

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

Lab Sample ID: LCSD 460-1004662/3-A
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Di-n-octyl phthalate	3330	3550	cn	ug/Kg		106	61 - 123	11	30
Dibenz(a,h)anthracene	3330	3550	cn	ug/Kg		107	66 - 128	13	30
Dibenzofuran	3330	3150	cn	ug/Kg		94	61 - 120	13	30
Diethyl phthalate	3330	3270	cn	ug/Kg		98	63 - 120	12	30
Dimethyl phthalate	3330	3280	cn	ug/Kg		98	65 - 120	11	30
Fluoranthene	3330	3300	cn	ug/Kg		99	61 - 120	12	30
Fluorene	3330	3230	cn	ug/Kg		97	64 - 120	13	30
Hexachlorobenzene	3330	3210	cn	ug/Kg		96	66 - 120	12	30
Hexachlorobutadiene	3330	3030	cn	ug/Kg		91	62 - 120	12	30
Hexachlorocyclopentadiene	3330	4330	*+ cn	ug/Kg		130	13 - 120	11	30
Hexachloroethane	3330	3020	cn	ug/Kg		91	61 - 120	13	30
Indeno[1,2,3-cd]pyrene	3330	3530	cn	ug/Kg		106	71 - 137	13	30
Isophorone	3330	3180	cn	ug/Kg		95	61 - 120	11	30
N-Nitrosodi-n-propylamine	3330	3160	cn	ug/Kg		95	56 - 120	9	30
N-Nitrosodiphenylamine	3330	3170	cn	ug/Kg		95	63 - 120	12	30
Naphthalene	3330	3120	cn	ug/Kg		94	63 - 120	12	30
Nitrobenzene	3330	3210	cn	ug/Kg		96	63 - 120	12	30
Pentachlorophenol	6670	6770	cn	ug/Kg		102	61 - 126	11	30
Phenanthrene	3330	3220	cn	ug/Kg		96	66 - 120	12	30
Phenol	3330	3090	cn	ug/Kg		93	63 - 120	11	30
Pyrene	3330	3200	cn	ug/Kg		96	61 - 121	14	30
Bis(2-chloroethoxy)methane	3330	3200	cn	ug/Kg		96	62 - 120	11	30
Bis(2-chloroethyl)ether	3330	3120	cn	ug/Kg		94	60 - 120	12	30
Bis(2-ethylhexyl) phthalate	3330	3440	cn	ug/Kg		103	64 - 125	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*100*	*cn*	*24 - 137*
2-Fluorophenol (Surr)	*94*	*cn*	*31 - 133*
Nitrobenzene-d5 (Surr)	*93*	*cn*	*31 - 120*
Phenol-d5 (Surr)	*97*	*cn*	*35 - 132*

Lab Sample ID: 410-192708-60 MS
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: SB-111_4-5
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		3880	3780		ug/Kg	☼	97	64 - 120
2,2'-oxybis[1-chloropropane]	ND		3880	3510		ug/Kg	☼	90	46 - 126
2,4,5-Trichlorophenol	ND		3880	4070		ug/Kg	☼	105	64 - 120
2,4,6-Trichlorophenol	ND		3880	3910		ug/Kg	☼	101	65 - 120
2,4-Dichlorophenol	ND		3880	3880		ug/Kg	☼	100	66 - 120
2,4-Dimethylphenol	ND	*+	3880	4430		ug/Kg	☼	114	46 - 120
2,4-Dinitrophenol	ND		7770	6910		ug/Kg	☼	89	41 - 129
2,4-Dinitrotoluene	ND		3880	4310		ug/Kg	☼	111	65 - 124
2,6-Dinitrotoluene	ND		3880	4170		ug/Kg	☼	107	67 - 121
2-Chloronaphthalene	ND		3880	3780		ug/Kg	☼	97	64 - 120
2-Chlorophenol	ND		3880	3580		ug/Kg	☼	92	63 - 120
2-Methylnaphthalene	ND		3880	3280		ug/Kg	☼	84	64 - 120

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

Lab Sample ID: 410-192708-60 MS
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: SB-111_4-5
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	ND		3880	3740		ug/Kg	☼	96	63 - 120
2-Nitroaniline	ND		3880	3920		ug/Kg	☼	101	48 - 120
2-Nitrophenol	ND		3880	3530		ug/Kg	☼	91	64 - 120
3,3'-Dichlorobenzidine	ND		3880	3530		ug/Kg	☼	91	10 - 120
3-Nitroaniline	ND		3880	3280		ug/Kg	☼	85	18 - 122
4,6-Dinitro-2-methylphenol	ND		7770	7290		ug/Kg	☼	94	58 - 136
4-Bromophenyl phenyl ether	ND		3880	3970		ug/Kg	☼	102	60 - 120
4-Chloro-3-methylphenol	ND		3880	3910		ug/Kg	☼	101	66 - 120
4-Chloroaniline	ND		3880	2810		ug/Kg	☼	72	10 - 120
4-Chlorophenyl phenyl ether	ND		3880	3950		ug/Kg	☼	102	62 - 120
4-Methylphenol	ND		3880	3800		ug/Kg	☼	98	61 - 120
4-Nitroaniline	ND		3880	3790		ug/Kg	☼	98	51 - 120
4-Nitrophenol	ND		7770	7930		ug/Kg	☼	102	42 - 132
Acenaphthene	18	J	3880	3840		ug/Kg	☼	98	65 - 120
Acenaphthylene	58	J	3880	4220		ug/Kg	☼	107	64 - 120
Acetophenone	ND		3880	3470		ug/Kg	☼	89	61 - 120
Anthracene	130	J	3880	4040		ug/Kg	☼	101	67 - 120
Atrazine	ND	F1	1550	2490	E F1	ug/Kg	☼	160	32 - 150
Benzaldehyde	ND		1550	1870	E	ug/Kg	☼	121	28 - 150
Benzo[a]anthracene	680		3880	4150		ug/Kg	☼	90	66 - 120
Benzo[a]pyrene	630		3880	4540		ug/Kg	☼	101	73 - 123
Benzo[b]fluoranthene	870		3880	4510		ug/Kg	☼	94	70 - 125
Benzo[g,h,i]perylene	440	*+	3880	4630		ug/Kg	☼	108	66 - 120
Benzo[k]fluoranthene	330		3880	4140		ug/Kg	☼	98	67 - 122
Butyl benzyl phthalate	ND		3880	4270		ug/Kg	☼	110	62 - 127
Caprolactam	ND		1550	2180		ug/Kg	☼	140	36 - 150
Carbazole	17	J	3880	3960		ug/Kg	☼	101	64 - 120
Chrysene	600		3880	3990		ug/Kg	☼	87	67 - 120
Di-n-butyl phthalate	29	J	3880	4270		ug/Kg	☼	109	66 - 120
Di-n-octyl phthalate	ND		3880	4440		ug/Kg	☼	114	61 - 123
Dibenz(a,h)anthracene	120		3880	4430		ug/Kg	☼	111	66 - 128
Dibenzofuran	16	J	3880	3810		ug/Kg	☼	98	61 - 120
Diethyl phthalate	ND		3880	3960		ug/Kg	☼	102	63 - 120
Dimethyl phthalate	ND		3880	3940		ug/Kg	☼	101	65 - 120
Fluoranthene	990		3880	4160		ug/Kg	☼	82	61 - 120
Fluorene	28	J	3880	3980		ug/Kg	☼	102	64 - 120
Hexachlorobenzene	ND		3880	3950		ug/Kg	☼	102	66 - 120
Hexachlorobutadiene	ND		3880	3420		ug/Kg	☼	88	62 - 120
Hexachlorocyclopentadiene	ND	F1 *+	3880	4770	F1	ug/Kg	☼	123	13 - 120
Hexachloroethane	ND		3880	3310		ug/Kg	☼	85	61 - 120
Indeno[1,2,3-cd]pyrene	460		3880	4580		ug/Kg	☼	106	71 - 137
Isophorone	ND		3880	3690		ug/Kg	☼	95	61 - 120
N-Nitrosodi-n-propylamine	ND		3880	3570		ug/Kg	☼	92	56 - 120
N-Nitrosodiphenylamine	ND		3880	3880		ug/Kg	☼	100	63 - 120
Naphthalene	8.6	J	3880	3580		ug/Kg	☼	92	63 - 120
Nitrobenzene	ND		3880	3630		ug/Kg	☼	93	63 - 120
Pentachlorophenol	ND		7770	8190		ug/Kg	☼	105	61 - 126
Phenanthrene	420		3880	3960		ug/Kg	☼	91	66 - 120
Phenol	ND		3880	3570		ug/Kg	☼	92	63 - 120

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

Lab Sample ID: 410-192708-60 MS
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: SB-111_4-5
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Pyrene	1000		3880	4070		ug/Kg	☼	79	61 - 121
Bis(2-chloroethoxy)methane	ND		3880	3650		ug/Kg	☼	94	62 - 120
Bis(2-chloroethyl)ether	ND		3880	3510		ug/Kg	☼	90	60 - 120
Bis(2-ethylhexyl) phthalate	ND		3880	4290		ug/Kg	☼	110	64 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*24 - 137*
2-Fluorophenol (Surr)	*91*		*31 - 133*
Nitrobenzene-d5 (Surr)	*92*		*31 - 120*
Phenol-d5 (Surr)	*96*		*35 - 132*

Lab Sample ID: 410-192708-60 MSD
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: SB-111_4-5
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		3900	3660		ug/Kg	☼	94	64 - 120	3	30
2,2'-oxybis[1-chloropropane]	ND		3900	3380		ug/Kg	☼	87	46 - 126	4	30
2,4,5-Trichlorophenol	ND		3900	3910		ug/Kg	☼	100	64 - 120	4	30
2,4,6-Trichlorophenol	ND		3900	3880		ug/Kg	☼	99	65 - 120	1	30
2,4-Dichlorophenol	ND		3900	3790		ug/Kg	☼	97	66 - 120	2	30
2,4-Dimethylphenol	ND	*+	3900	4400		ug/Kg	☼	113	46 - 120	1	30
2,4-Dinitrophenol	ND		7800	7100		ug/Kg	☼	91	41 - 129	3	30
2,4-Dinitrotoluene	ND		3900	4220		ug/Kg	☼	108	65 - 124	2	30
2,6-Dinitrotoluene	ND		3900	4090		ug/Kg	☼	105	67 - 121	2	30
2-Chloronaphthalene	ND		3900	3650		ug/Kg	☼	94	64 - 120	4	30
2-Chlorophenol	ND		3900	3500		ug/Kg	☼	90	63 - 120	2	30
2-Methylnaphthalene	ND		3900	3250		ug/Kg	☼	83	64 - 120	1	30
2-Methylphenol	ND		3900	3700		ug/Kg	☼	95	63 - 120	1	30
2-Nitroaniline	ND		3900	3900		ug/Kg	☼	100	48 - 120	1	30
2-Nitrophenol	ND		3900	3650		ug/Kg	☼	94	64 - 120	4	30
3,3'-Dichlorobenzidine	ND		3900	3580		ug/Kg	☼	92	10 - 120	1	30
3-Nitroaniline	ND		3900	3270		ug/Kg	☼	84	18 - 122	0	30
4,6-Dinitro-2-methylphenol	ND		7800	7380		ug/Kg	☼	95	58 - 136	1	30
4-Bromophenyl phenyl ether	ND		3900	3910		ug/Kg	☼	100	60 - 120	2	30
4-Chloro-3-methylphenol	ND		3900	3900		ug/Kg	☼	100	66 - 120	0	30
4-Chloroaniline	ND		3900	2780		ug/Kg	☼	71	10 - 120	1	30
4-Chlorophenyl phenyl ether	ND		3900	3870		ug/Kg	☼	99	62 - 120	2	30
4-Methylphenol	ND		3900	3730		ug/Kg	☼	96	61 - 120	2	30
4-Nitroaniline	ND		3900	3640		ug/Kg	☼	93	51 - 120	4	30
4-Nitrophenol	ND		7800	7940		ug/Kg	☼	102	42 - 132	0	30
Acenaphthene	18	J	3900	3730		ug/Kg	☼	95	65 - 120	3	30
Acenaphthylene	58	J	3900	4090		ug/Kg	☼	103	64 - 120	3	30
Acetophenone	ND		3900	3420		ug/Kg	☼	88	61 - 120	1	30
Anthracene	130	J	3900	4020		ug/Kg	☼	100	67 - 120	1	30
Atrazine	ND	F1	1560	2170		ug/Kg	☼	139	32 - 150	13	30
Benzaldehyde	ND		1560	1540	E	ug/Kg	☼	99	28 - 150	20	30
Benzo[a]anthracene	680		3900	4090		ug/Kg	☼	88	66 - 120	1	30

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

Lab Sample ID: 410-192708-60 MSD
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: SB-111_4-5
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]pyrene	630		3900	4460		ug/Kg	☼	98	73 - 123	2	30
Benzo[b]fluoranthene	870		3900	4470		ug/Kg	☼	92	70 - 125	1	30
Benzo[g,h,i]perylene	440	*+	3900	4480		ug/Kg	☼	104	66 - 120	3	30
Benzo[k]fluoranthene	330		3900	4020		ug/Kg	☼	94	67 - 122	3	30
Butyl benzyl phthalate	ND		3900	4190		ug/Kg	☼	107	62 - 127	2	30
Caprolactam	ND		1560	1920		ug/Kg	☼	123	36 - 150	13	30
Carbazole	17	J	3900	3910		ug/Kg	☼	100	64 - 120	1	30
Chrysene	600		3900	3930		ug/Kg	☼	85	67 - 120	2	30
Di-n-butyl phthalate	29	J	3900	4210		ug/Kg	☼	107	66 - 120	1	30
Di-n-octyl phthalate	ND		3900	4340		ug/Kg	☼	111	61 - 123	2	30
Dibenz(a,h)anthracene	120		3900	4310		ug/Kg	☼	107	66 - 128	3	30
Dibenzofuran	16	J	3900	3750		ug/Kg	☼	96	61 - 120	2	30
Diethyl phthalate	ND		3900	3880		ug/Kg	☼	100	63 - 120	2	30
Dimethyl phthalate	ND		3900	3850		ug/Kg	☼	99	65 - 120	2	30
Fluoranthene	990		3900	4200		ug/Kg	☼	82	61 - 120	1	30
Fluorene	28	J	3900	3870		ug/Kg	☼	99	64 - 120	3	30
Hexachlorobenzene	ND		3900	3880		ug/Kg	☼	99	66 - 120	2	30
Hexachlorobutadiene	ND		3900	3370		ug/Kg	☼	86	62 - 120	1	30
Hexachlorocyclopentadiene	ND	F1 *+	3900	4320		ug/Kg	☼	111	13 - 120	10	30
Hexachloroethane	ND		3900	3100		ug/Kg	☼	80	61 - 120	6	30
Indeno[1,2,3-cd]pyrene	460		3900	4500		ug/Kg	☼	104	71 - 137	2	30
Isophorone	ND		3900	3640		ug/Kg	☼	93	61 - 120	1	30
N-Nitrosodi-n-propylamine	ND		3900	3590		ug/Kg	☼	92	56 - 120	1	30
N-Nitrosodiphenylamine	ND		3900	3810		ug/Kg	☼	98	63 - 120	2	30
Naphthalene	8.6	J	3900	3520		ug/Kg	☼	90	63 - 120	2	30
Nitrobenzene	ND		3900	3610		ug/Kg	☼	93	63 - 120	1	30
Pentachlorophenol	ND		7800	8270		ug/Kg	☼	106	61 - 126	1	30
Phenanthrene	420		3900	4000		ug/Kg	☼	92	66 - 120	1	30
Phenol	ND		3900	3540		ug/Kg	☼	91	63 - 120	1	30
Pyrene	1000		3900	4070		ug/Kg	☼	78	61 - 121	0	30
Bis(2-chloroethoxy)methane	ND		3900	3620		ug/Kg	☼	93	62 - 120	1	30
Bis(2-chloroethyl)ether	ND		3900	3350		ug/Kg	☼	86	60 - 120	5	30
Bis(2-ethylhexyl) phthalate	ND		3900	4190		ug/Kg	☼	107	64 - 125	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*24 - 137*
2-Fluorophenol (Surr)	*86*		*31 - 133*
Nitrobenzene-d5 (Surr)	*90*		*31 - 120*
Phenol-d5 (Surr)	*93*		*35 - 132*

Lab Sample ID: 410-192708-69 MS
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: SB-118_0-1
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		3520	3250		ug/Kg	☼	92	64 - 120
2,2'-oxybis[1-chloropropane]	ND		3520	3210		ug/Kg	☼	91	46 - 126
2,4,5-Trichlorophenol	ND		3520	3580		ug/Kg	☼	102	64 - 120

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

Lab Sample ID: 410-192708-69 MS
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: SB-118_0-1
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	ND		3520	3470		ug/Kg	☼	99	65 - 120
2,4-Dichlorophenol	ND		3520	3480		ug/Kg	☼	99	66 - 120
2,4-Dimethylphenol	ND	*+	3520	4080		ug/Kg	☼	116	46 - 120
2,4-Dinitrophenol	ND	F1 F2	7040	1930	F1	ug/Kg	☼	27	41 - 129
2,4-Dinitrotoluene	ND		3520	3640		ug/Kg	☼	104	65 - 124
2,6-Dinitrotoluene	ND		3520	3650		ug/Kg	☼	104	67 - 121
2-Chloronaphthalene	ND		3520	3360		ug/Kg	☼	96	64 - 120
2-Chlorophenol	ND		3520	3260		ug/Kg	☼	93	63 - 120
2-Methylnaphthalene	ND		3520	2890		ug/Kg	☼	82	64 - 120
2-Methylphenol	ND		3520	3360		ug/Kg	☼	95	63 - 120
2-Nitroaniline	ND		3520	3560		ug/Kg	☼	101	48 - 120
2-Nitrophenol	ND		3520	3390		ug/Kg	☼	96	64 - 120
3,3'-Dichlorobenzidine	ND	F2	3520	1980		ug/Kg	☼	56	10 - 120
3-Nitroaniline	ND		3520	3030		ug/Kg	☼	86	18 - 122
4,6-Dinitro-2-methylphenol	ND	F1 F2	7040	2070	F1	ug/Kg	☼	29	58 - 136
4-Bromophenyl phenyl ether	ND		3520	3440		ug/Kg	☼	98	60 - 120
4-Chloro-3-methylphenol	ND		3520	3490		ug/Kg	☼	99	66 - 120
4-Chloroaniline	ND		3520	2530		ug/Kg	☼	72	10 - 120
4-Chlorophenyl phenyl ether	ND		3520	3450		ug/Kg	☼	98	62 - 120
4-Methylphenol	ND		3520	3340		ug/Kg	☼	95	61 - 120
4-Nitroaniline	ND		3520	3130		ug/Kg	☼	89	51 - 120
4-Nitrophenol	ND		7040	7160		ug/Kg	☼	102	42 - 132
Acenaphthene	ND		3520	3360		ug/Kg	☼	95	65 - 120
Acenaphthylene	ND		3520	3600		ug/Kg	☼	102	64 - 120
Acetophenone	ND		3520	3090		ug/Kg	☼	88	61 - 120
Anthracene	ND		3520	3450		ug/Kg	☼	98	67 - 120
Atrazine	ND		1410	1700		ug/Kg	☼	121	32 - 150
Benzaldehyde	ND		1410	1350	E	ug/Kg	☼	96	28 - 150
Benzo[a]anthracene	48		3520	3430		ug/Kg	☼	96	66 - 120
Benzo[a]pyrene	67		3520	3230		ug/Kg	☼	90	73 - 123
Benzo[b]fluoranthene	70		3520	3440		ug/Kg	☼	96	70 - 125
Benzo[g,h,i]perylene	39	J F1 F2 *+	3520	1220	F1	ug/Kg	☼	34	66 - 120
Benzo[k]fluoranthene	25	J	3520	4100		ug/Kg	☼	116	67 - 122
Butyl benzyl phthalate	ND		3520	3840		ug/Kg	☼	109	62 - 127
Caprolactam	ND		1410	1810		ug/Kg	☼	128	36 - 150
Carbazole	ND		3520	3360		ug/Kg	☼	95	64 - 120
Chrysene	63	J	3520	3420		ug/Kg	☼	95	67 - 120
Di-n-butyl phthalate	30	J	3520	3720		ug/Kg	☼	105	66 - 120
Di-n-octyl phthalate	ND	F1	3520	5640	F1	ug/Kg	☼	160	61 - 123
Dibenz(a,h)anthracene	ND	F1 F2	3520	1390	F1	ug/Kg	☼	39	66 - 128
Dibenzofuran	ND		3520	3300		ug/Kg	☼	94	61 - 120
Diethyl phthalate	ND		3520	3420		ug/Kg	☼	97	63 - 120
Dimethyl phthalate	ND		3520	3390		ug/Kg	☼	96	65 - 120
Fluoranthene	38	J	3520	3500		ug/Kg	☼	98	61 - 120
Fluorene	ND		3520	3380		ug/Kg	☼	96	64 - 120
Hexachlorobenzene	ND		3520	3420		ug/Kg	☼	97	66 - 120
Hexachlorobutadiene	ND		3520	3180		ug/Kg	☼	90	62 - 120
Hexachlorocyclopentadiene	ND	F1 F2 *+	3520	271	J F1	ug/Kg	☼	8	13 - 120
Hexachloroethane	ND		3520	2960		ug/Kg	☼	84	61 - 120

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

Lab Sample ID: 410-192708-69 MS
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: SB-118_0-1
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Indeno[1,2,3-cd]pyrene	42	F1 F2	3520	1360	F1	ug/Kg	☼	38	71 - 137
Isophorone	ND		3520	3360		ug/Kg	☼	96	61 - 120
N-Nitrosodi-n-propylamine	ND		3520	3250		ug/Kg	☼	92	56 - 120
N-Nitrosodiphenylamine	ND		3520	3390		ug/Kg	☼	96	63 - 120
Naphthalene	ND		3520	3200		ug/Kg	☼	91	63 - 120
Nitrobenzene	ND		3520	3220		ug/Kg	☼	91	63 - 120
Pentachlorophenol	ND		7040	7500		ug/Kg	☼	107	61 - 126
Phenanthrene	ND		3520	3410		ug/Kg	☼	97	66 - 120
Phenol	ND		3520	3260		ug/Kg	☼	93	63 - 120
Pyrene	49	J	3520	3560		ug/Kg	☼	100	61 - 121
Bis(2-chloroethoxy)methane	ND		3520	3270		ug/Kg	☼	93	62 - 120
Bis(2-chloroethyl)ether	ND		3520	3150		ug/Kg	☼	89	60 - 120
Bis(2-ethylhexyl) phthalate	ND		3520	3830		ug/Kg	☼	109	64 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*102*		*24 - 137*
2-Fluorophenol (Surr)	*90*		*31 - 133*
Nitrobenzene-d5 (Surr)	*90*		*31 - 120*
Phenol-d5 (Surr)	*95*		*35 - 132*

Lab Sample ID: 410-192708-69 MSD
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: SB-118_0-1
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		3520	3040		ug/Kg	☼	86	64 - 120	7	30
2,2'-oxybis[1-chloropropane]	ND		3520	3000		ug/Kg	☼	85	46 - 126	7	30
2,4,5-Trichlorophenol	ND		3520	3300		ug/Kg	☼	94	64 - 120	8	30
2,4,6-Trichlorophenol	ND		3520	3230		ug/Kg	☼	92	65 - 120	7	30
2,4-Dichlorophenol	ND		3520	3150		ug/Kg	☼	89	66 - 120	10	30
2,4-Dimethylphenol	ND	*+	3520	3630		ug/Kg	☼	103	46 - 120	12	30
2,4-Dinitrophenol	ND	F1 F2	7040	1060	F1 F2	ug/Kg	☼	15	41 - 129	58	30
2,4-Dinitrotoluene	ND		3520	3320		ug/Kg	☼	94	65 - 124	9	30
2,6-Dinitrotoluene	ND		3520	3310		ug/Kg	☼	94	67 - 121	10	30
2-Chloronaphthalene	ND		3520	3040		ug/Kg	☼	86	64 - 120	10	30
2-Chlorophenol	ND		3520	2990		ug/Kg	☼	85	63 - 120	8	30
2-Methylnaphthalene	ND		3520	2700		ug/Kg	☼	77	64 - 120	7	30
2-Methylphenol	ND		3520	3070		ug/Kg	☼	87	63 - 120	9	30
2-Nitroaniline	ND		3520	3290		ug/Kg	☼	93	48 - 120	8	30
2-Nitrophenol	ND		3520	3160		ug/Kg	☼	90	64 - 120	7	30
3,3'-Dichlorobenzidine	ND	F2	3520	3230	F2	ug/Kg	☼	92	10 - 120	48	30
3-Nitroaniline	ND		3520	2990		ug/Kg	☼	85	18 - 122	1	30
4,6-Dinitro-2-methylphenol	ND	F1 F2	7040	1170	F1 F2	ug/Kg	☼	17	58 - 136	56	30
4-Bromophenyl phenyl ether	ND		3520	3220		ug/Kg	☼	91	60 - 120	7	30
4-Chloro-3-methylphenol	ND		3520	3220		ug/Kg	☼	92	66 - 120	8	30
4-Chloroaniline	ND		3520	2590		ug/Kg	☼	74	10 - 120	3	30
4-Chlorophenyl phenyl ether	ND		3520	3190		ug/Kg	☼	91	62 - 120	8	30
4-Methylphenol	ND		3520	3110		ug/Kg	☼	88	61 - 120	7	30

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

Lab Sample ID: 410-192708-69 MSD
Matrix: Solid
Analysis Batch: 1004745

Client Sample ID: SB-118_0-1
Prep Type: Total/NA
Prep Batch: 1004662

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitroaniline	ND		3520	3030		ug/Kg	☼	86	51 - 120	3	30
4-Nitrophenol	ND		7040	6900		ug/Kg	☼	98	42 - 132	4	30
Acenaphthene	ND		3520	3140		ug/Kg	☼	89	65 - 120	7	30
Acenaphthylene	ND		3520	3350		ug/Kg	☼	95	64 - 120	7	30
Acetophenone	ND		3520	2990		ug/Kg	☼	85	61 - 120	4	30
Anthracene	ND		3520	3320		ug/Kg	☼	94	67 - 120	4	30
Atrazine	ND		1410	1720		ug/Kg	☼	122	32 - 150	1	30
Benzaldehyde	ND		1410	1340	E	ug/Kg	☼	95	28 - 150	1	30
Benzo[a]anthracene	48		3520	3340		ug/Kg	☼	93	66 - 120	3	30
Benzo[a]pyrene	67		3520	3580		ug/Kg	☼	100	73 - 123	10	30
Benzo[b]fluoranthene	70		3520	3240		ug/Kg	☼	90	70 - 125	6	30
Benzo[g,h,i]perylene	39	J F1 F2 *+	3520	2450	F2	ug/Kg	☼	68	66 - 120	67	30
Benzo[k]fluoranthene	25	J	3520	3580		ug/Kg	☼	101	67 - 122	13	30
Butyl benzyl phthalate	ND		3520	3690		ug/Kg	☼	105	62 - 127	4	30
Caprolactam	ND		1410	1580		ug/Kg	☼	112	36 - 150	13	30
Carbazole	ND		3520	3290		ug/Kg	☼	93	64 - 120	2	30
Chrysene	63	J	3520	3250		ug/Kg	☼	91	67 - 120	5	30
Di-n-butyl phthalate	30	J	3520	3540		ug/Kg	☼	100	66 - 120	5	30
Di-n-octyl phthalate	ND	F1	3520	4630	F1	ug/Kg	☼	131	61 - 123	20	30
Dibenz(a,h)anthracene	ND	F1 F2	3520	2590	F2	ug/Kg	☼	73	66 - 128	60	30
Dibenzofuran	ND		3520	3090		ug/Kg	☼	88	61 - 120	6	30
Diethyl phthalate	ND		3520	3260		ug/Kg	☼	93	63 - 120	5	30
Dimethyl phthalate	ND		3520	3140		ug/Kg	☼	89	65 - 120	8	30
Fluoranthene	38	J	3520	3380		ug/Kg	☼	95	61 - 120	4	30
Fluorene	ND		3520	3210		ug/Kg	☼	91	64 - 120	5	30
Hexachlorobenzene	ND		3520	3230		ug/Kg	☼	92	66 - 120	6	30
Hexachlorobutadiene	ND		3520	2890		ug/Kg	☼	82	62 - 120	10	30
Hexachlorocyclopentadiene	ND	F1 F2 *+	3520	742	F2	ug/Kg	☼	21	13 - 120	93	30
Hexachloroethane	ND		3520	2710		ug/Kg	☼	77	61 - 120	9	30
Indeno[1,2,3-cd]pyrene	42	F1 F2	3520	2570	F2	ug/Kg	☼	72	71 - 137	61	30
Isophorone	ND		3520	3060		ug/Kg	☼	87	61 - 120	9	30
N-Nitrosodi-n-propylamine	ND		3520	3070		ug/Kg	☼	87	56 - 120	6	30
N-Nitrosodiphenylamine	ND		3520	3160		ug/Kg	☼	90	63 - 120	7	30
Naphthalene	ND		3520	2970		ug/Kg	☼	84	63 - 120	8	30
Nitrobenzene	ND		3520	3120		ug/Kg	☼	89	63 - 120	3	30
Pentachlorophenol	ND		7040	7130		ug/Kg	☼	101	61 - 126	5	30
Phenanthrene	ND		3520	3210		ug/Kg	☼	91	66 - 120	6	30
Phenol	ND		3520	2950		ug/Kg	☼	84	63 - 120	10	30
Pyrene	49	J	3520	3380		ug/Kg	☼	95	61 - 121	5	30
Bis(2-chloroethoxy)methane	ND		3520	2990		ug/Kg	☼	85	62 - 120	9	30
Bis(2-chloroethyl)ether	ND		3520	2960		ug/Kg	☼	84	60 - 120	6	30
Bis(2-ethylhexyl) phthalate	ND		3520	3700		ug/Kg	☼	105	64 - 125	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*97*		*24 - 137*
2-Fluorophenol (Surr)	*82*		*31 - 133*
Nitrobenzene-d5 (Surr)	*84*		*31 - 120*
Phenol-d5 (Surr)	*86*		*35 - 132*

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

Lab Sample ID: MB 460-1004671/1-A
Matrix: Water
Analysis Batch: 1004707

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1004671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 06:59	1
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		10/31/24 19:46	11/01/24 06:59	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		10/31/24 19:46	11/01/24 06:59	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		10/31/24 19:46	11/01/24 06:59	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 06:59	1
2,4-Dimethylphenol	ND		10	0.62	ug/L		10/31/24 19:46	11/01/24 06:59	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		10/31/24 19:46	11/01/24 06:59	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		10/31/24 19:46	11/01/24 06:59	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		10/31/24 19:46	11/01/24 06:59	1
2-Chloronaphthalene	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 06:59	1
2-Chlorophenol	ND		10	0.38	ug/L		10/31/24 19:46	11/01/24 06:59	1
2-Methylnaphthalene	ND		10	0.53	ug/L		10/31/24 19:46	11/01/24 06:59	1
2-Methylphenol	ND		10	0.67	ug/L		10/31/24 19:46	11/01/24 06:59	1
2-Nitroaniline	ND		10	0.47	ug/L		10/31/24 19:46	11/01/24 06:59	1
2-Nitrophenol	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 06:59	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		10/31/24 19:46	11/01/24 06:59	1
3-Nitroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 06:59	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		10/31/24 19:46	11/01/24 06:59	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 06:59	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		10/31/24 19:46	11/01/24 06:59	1
4-Chloroaniline	ND		10	1.9	ug/L		10/31/24 19:46	11/01/24 06:59	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 06:59	1
4-Methylphenol	ND		10	0.65	ug/L		10/31/24 19:46	11/01/24 06:59	1
4-Nitroaniline	ND		10	1.2	ug/L		10/31/24 19:46	11/01/24 06:59	1
4-Nitrophenol	ND		20	4.0	ug/L		10/31/24 19:46	11/01/24 06:59	1
Acenaphthene	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 06:59	1
Acenaphthylene	ND		10	0.82	ug/L		10/31/24 19:46	11/01/24 06:59	1
Acetophenone	ND		10	2.3	ug/L		10/31/24 19:46	11/01/24 06:59	1
Anthracene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 06:59	1
Atrazine	ND		2.0	1.3	ug/L		10/31/24 19:46	11/01/24 06:59	1
Benzaldehyde	ND		10	2.1	ug/L		10/31/24 19:46	11/01/24 06:59	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		10/31/24 19:46	11/01/24 06:59	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		10/31/24 19:46	11/01/24 06:59	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		10/31/24 19:46	11/01/24 06:59	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		10/31/24 19:46	11/01/24 06:59	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		10/31/24 19:46	11/01/24 06:59	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		10/31/24 19:46	11/01/24 06:59	1
Caprolactam	ND		10	2.2	ug/L		10/31/24 19:46	11/01/24 06:59	1
Carbazole	ND		10	0.68	ug/L		10/31/24 19:46	11/01/24 06:59	1
Chrysene	ND		2.0	0.91	ug/L		10/31/24 19:46	11/01/24 06:59	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 06:59	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		10/31/24 19:46	11/01/24 06:59	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		10/31/24 19:46	11/01/24 06:59	1
Dibenzofuran	ND		10	1.1	ug/L		10/31/24 19:46	11/01/24 06:59	1
Diethyl phthalate	ND		10	0.98	ug/L		10/31/24 19:46	11/01/24 06:59	1
Dimethyl phthalate	ND		10	0.77	ug/L		10/31/24 19:46	11/01/24 06:59	1
Fluoranthene	ND		10	0.84	ug/L		10/31/24 19:46	11/01/24 06:59	1
Fluorene	ND		10	0.91	ug/L		10/31/24 19:46	11/01/24 06:59	1

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

Lab Sample ID: MB 460-1004671/1-A
Matrix: Water
Analysis Batch: 1004707

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1004671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		1.0	0.40	ug/L		10/31/24 19:46	11/01/24 06:59	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		10/31/24 19:46	11/01/24 06:59	1
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		10/31/24 19:46	11/01/24 06:59	1
Hexachloroethane	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 06:59	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		10/31/24 19:46	11/01/24 06:59	1
Isophorone	ND		10	0.80	ug/L		10/31/24 19:46	11/01/24 06:59	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		10/31/24 19:46	11/01/24 06:59	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		10/31/24 19:46	11/01/24 06:59	1
Naphthalene	ND		2.0	0.54	ug/L		10/31/24 19:46	11/01/24 06:59	1
Nitrobenzene	ND		1.0	0.57	ug/L		10/31/24 19:46	11/01/24 06:59	1
Pentachlorophenol	ND		20	1.4	ug/L		10/31/24 19:46	11/01/24 06:59	1
Phenanthrene	ND		10	1.3	ug/L		10/31/24 19:46	11/01/24 06:59	1
Phenol	ND		10	0.29	ug/L		10/31/24 19:46	11/01/24 06:59	1
Pyrene	ND		10	1.6	ug/L		10/31/24 19:46	11/01/24 06:59	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		10/31/24 19:46	11/01/24 06:59	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		10/31/24 19:46	11/01/24 06:59	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		10/31/24 19:46	11/01/24 06:59	1

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*	*10/31/24 19:46*	*11/01/24 06:59*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*37 - 150*	*10/31/24 19:46*	*11/01/24 06:59*	*1*
2-Fluorophenol (Surr)	*49*		*16 - 80*	*10/31/24 19:46*	*11/01/24 06:59*	*1*
Nitrobenzene-d5 (Surr)	*99*		*51 - 145*	*10/31/24 19:46*	*11/01/24 06:59*	*1*
Phenol-d5 (Surr)	*32*		*10 - 56*	*10/31/24 19:46*	*11/01/24 06:59*	*1*

Lab Sample ID: LCS 460-1004671/2-A
Matrix: Water
Analysis Batch: 1004707

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1004671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	80.0	75.8	cn	ug/L		95	52 - 129
2,2'-oxybis[1-chloropropane]	80.0	70.2	cn	ug/L		88	47 - 133
2,4,5-Trichlorophenol	80.0	77.1	cn	ug/L		96	63 - 124
2,4,6-Trichlorophenol	80.0	76.8	cn	ug/L		96	66 - 131
2,4-Dichlorophenol	80.0	70.9	cn	ug/L		89	60 - 120
2,4-Dimethylphenol	80.0	79.4	cn	ug/L		99	37 - 120
2,4-Dinitrophenol	160	148	cn	ug/L		93	50 - 148
2,4-Dinitrotoluene	80.0	82.9	cn	ug/L		104	71 - 142
2,6-Dinitrotoluene	80.0	85.3	cn	ug/L		107	71 - 136
2-Chloronaphthalene	80.0	76.2	cn	ug/L		95	50 - 129
2-Chlorophenol	80.0	61.8	cn	ug/L		77	49 - 120
2-Methylnaphthalene	80.0	68.5	cn	ug/L		86	42 - 134
2-Methylphenol	80.0	53.0	cn	ug/L		66	35 - 120
2-Nitroaniline	80.0	77.6	cn	ug/L		97	57 - 134
2-Nitrophenol	80.0	73.6	cn	ug/L		92	62 - 124
3,3'-Dichlorobenzidine	80.0	76.3	cn	ug/L		95	55 - 145

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

Lab Sample ID: LCS 460-1004671/2-A
Matrix: Water
Analysis Batch: 1004707

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1004671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Nitroaniline	80.0	64.6	cn	ug/L		81	51 - 120
4,6-Dinitro-2-methylphenol	160	155	cn	ug/L		97	65 - 145
4-Bromophenyl phenyl ether	80.0	82.5	cn	ug/L		103	59 - 132
4-Chloro-3-methylphenol	80.0	67.5	cn	ug/L		84	54 - 120
4-Chloroaniline	80.0	65.1	cn	ug/L		81	43 - 120
4-Chlorophenyl phenyl ether	80.0	78.5	cn	ug/L		98	65 - 127
4-Methylphenol	80.0	48.2	cn	ug/L		60	28 - 120
4-Nitroaniline	80.0	73.6	cn	ug/L		92	57 - 135
4-Nitrophenol	160	53.6	cn	ug/L		33	10 - 120
Acenaphthene	80.0	77.0	cn	ug/L		96	62 - 127
Acenaphthylene	80.0	84.8	cn	ug/L		106	58 - 122
Acetophenone	80.0	75.2	cn	ug/L		94	65 - 125
Anthracene	80.0	80.0	cn	ug/L		100	67 - 127
Atrazine	40.0	66.6	*+ cn	ug/L		167	13 - 150
Benzaldehyde	40.0	53.3	cn	ug/L		133	10 - 150
Benzo[a]anthracene	80.0	80.7	cn	ug/L		101	71 - 131
Benzo[a]pyrene	80.0	88.2	cn	ug/L		110	75 - 148
Benzo[b]fluoranthene	80.0	90.6	cn	ug/L		113	70 - 140
Benzo[g,h,i]perylene	80.0	75.0	cn	ug/L		94	52 - 143
Benzo[k]fluoranthene	80.0	87.4	cn	ug/L		109	71 - 140
Butyl benzyl phthalate	80.0	88.5	cn	ug/L		111	67 - 141
Caprolactam	40.0	13.3	cn	ug/L		33	10 - 120
Carbazole	80.0	77.0	cn	ug/L		96	68 - 132
Chrysene	80.0	76.5	cn	ug/L		96	70 - 132
Di-n-butyl phthalate	80.0	84.6	cn	ug/L		106	71 - 139
Di-n-octyl phthalate	80.0	91.8	cn	ug/L		115	51 - 150
Dibenz(a,h)anthracene	80.0	68.7	cn	ug/L		86	53 - 150
Dibenzofuran	80.0	76.9	cn	ug/L		96	64 - 125
Diethyl phthalate	80.0	75.6	cn	ug/L		95	67 - 131
Dimethyl phthalate	80.0	79.1	cn	ug/L		99	67 - 129
Fluoranthene	80.0	77.9	cn	ug/L		97	69 - 137
Fluorene	80.0	79.0	cn	ug/L		99	67 - 125
Hexachlorobenzene	80.0	80.0	cn	ug/L		100	62 - 135
Hexachlorobutadiene	80.0	75.9	cn	ug/L		95	10 - 147
Hexachlorocyclopentadiene	80.0	91.5	cn	ug/L		114	10 - 135
Hexachloroethane	80.0	73.1	cn	ug/L		91	10 - 138
Indeno[1,2,3-cd]pyrene	80.0	71.8	cn	ug/L		90	59 - 150
Isophorone	80.0	81.2	cn	ug/L		102	65 - 128
N-Nitrosodi-n-propylamine	80.0	76.1	cn	ug/L		95	63 - 133
N-Nitrosodiphenylamine	80.0	79.2	cn	ug/L		99	66 - 128
Naphthalene	80.0	77.0	cn	ug/L		96	39 - 126
Nitrobenzene	80.0	78.9	cn	ug/L		99	66 - 127
Pentachlorophenol	160	148	cn	ug/L		93	60 - 140
Phenanthrene	80.0	77.8	cn	ug/L		97	68 - 126
Phenol	80.0	26.3	cn	ug/L		33	10 - 80
Pyrene	80.0	80.7	cn	ug/L		101	60 - 137
Bis(2-chloroethoxy)methane	80.0	78.3	cn	ug/L		98	63 - 122
Bis(2-chloroethyl)ether	80.0	73.3	cn	ug/L		92	61 - 125
Bis(2-ethylhexyl) phthalate	80.0	83.1	cn	ug/L		104	65 - 144

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	97	cn	37 - 150
2-Fluorophenol (Surr)	46	cn	16 - 80
Nitrobenzene-d5 (Surr)	100	cn	51 - 145
Phenol-d5 (Surr)	31	cn	10 - 56

Lab Sample ID: LCSD 460-1004671/3-A
Matrix: Water
Analysis Batch: 1004707

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1004671

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	80.0	75.5	cn	ug/L		94	52 - 129	0	30
2,2'-oxybis[1-chloropropane]	80.0	71.2	cn	ug/L		89	47 - 133	1	30
2,4,5-Trichlorophenol	80.0	77.8	cn	ug/L		97	63 - 124	1	30
2,4,6-Trichlorophenol	80.0	76.1	cn	ug/L		95	66 - 131	1	30
2,4-Dichlorophenol	80.0	71.3	cn	ug/L		89	60 - 120	1	30
2,4-Dimethylphenol	80.0	79.7	cn	ug/L		100	37 - 120	0	30
2,4-Dinitrophenol	160	153	cn	ug/L		95	50 - 148	3	30
2,4-Dinitrotoluene	80.0	84.7	cn	ug/L		106	71 - 142	2	30
2,6-Dinitrotoluene	80.0	85.3	cn	ug/L		107	71 - 136	0	30
2-Chloronaphthalene	80.0	77.3	cn	ug/L		97	50 - 129	1	30
2-Chlorophenol	80.0	62.8	cn	ug/L		79	49 - 120	2	30
2-Methylnaphthalene	80.0	68.7	cn	ug/L		86	42 - 134	0	30
2-Methylphenol	80.0	54.0	cn	ug/L		68	35 - 120	2	30
2-Nitroaniline	80.0	77.4	cn	ug/L		97	57 - 134	0	30
2-Nitrophenol	80.0	75.2	cn	ug/L		94	62 - 124	2	30
3,3'-Dichlorobenzidine	80.0	78.4	cn	ug/L		98	55 - 145	3	30
3-Nitroaniline	80.0	66.6	cn	ug/L		83	51 - 120	3	30
4,6-Dinitro-2-methylphenol	160	157	cn	ug/L		98	65 - 145	1	30
4-Bromophenyl phenyl ether	80.0	81.8	cn	ug/L		102	59 - 132	1	30
4-Chloro-3-methylphenol	80.0	67.5	cn	ug/L		84	54 - 120	0	30
4-Chloroaniline	80.0	66.1	cn	ug/L		83	43 - 120	2	30
4-Chlorophenyl phenyl ether	80.0	78.1	cn	ug/L		98	65 - 127	0	30
4-Methylphenol	80.0	49.3	cn	ug/L		62	28 - 120	2	30
4-Nitroaniline	80.0	73.9	cn	ug/L		92	57 - 135	0	30
4-Nitrophenol	160	55.0	cn	ug/L		34	10 - 120	3	30
Acenaphthene	80.0	78.5	cn	ug/L		98	62 - 127	2	30
Acenaphthylene	80.0	85.2	cn	ug/L		106	58 - 122	0	30
Acetophenone	80.0	75.7	cn	ug/L		95	65 - 125	1	30
Anthracene	80.0	79.0	cn	ug/L		99	67 - 127	1	30
Atrazine	40.0	67.3	*+ cn	ug/L		168	13 - 150	1	30
Benzaldehyde	40.0	54.2	cn	ug/L		136	10 - 150	2	30
Benzo[a]anthracene	80.0	81.2	cn	ug/L		101	71 - 131	1	30
Benzo[a]pyrene	80.0	90.8	cn	ug/L		113	75 - 148	3	30
Benzo[b]fluoranthene	80.0	89.9	cn	ug/L		112	70 - 140	1	30
Benzo[g,h,i]perylene	80.0	77.1	cn	ug/L		96	52 - 143	3	30
Benzo[k]fluoranthene	80.0	91.2	cn	ug/L		114	71 - 140	4	30
Butyl benzyl phthalate	80.0	92.1	cn	ug/L		115	67 - 141	4	30
Caprolactam	40.0	13.2	cn	ug/L		33	10 - 120	1	30
Carbazole	80.0	76.6	cn	ug/L		96	68 - 132	1	30
Chrysene	80.0	76.9	cn	ug/L		96	70 - 132	0	30
Di-n-butyl phthalate	80.0	84.5	cn	ug/L		106	71 - 139	0	30

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

Lab Sample ID: LCSD 460-1004671/3-A
Matrix: Water
Analysis Batch: 1004707

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1004671

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Di-n-octyl phthalate	80.0	94.5	cn	ug/L		118	51 - 150	3	30
Dibenz(a,h)anthracene	80.0	69.5	cn	ug/L		87	53 - 150	1	30
Dibenzofuran	80.0	77.1	cn	ug/L		96	64 - 125	0	30
Diethyl phthalate	80.0	76.9	cn	ug/L		96	67 - 131	2	30
Dimethyl phthalate	80.0	80.3	cn	ug/L		100	67 - 129	1	30
Fluoranthene	80.0	77.9	cn	ug/L		97	69 - 137	0	30
Fluorene	80.0	78.3	cn	ug/L		98	67 - 125	1	30
Hexachlorobenzene	80.0	78.2	cn	ug/L		98	62 - 135	2	30
Hexachlorobutadiene	80.0	76.2	cn	ug/L		95	10 - 147	0	30
Hexachlorocyclopentadiene	80.0	93.0	cn	ug/L		116	10 - 135	2	30
Hexachloroethane	80.0	73.8	cn	ug/L		92	10 - 138	1	30
Indeno[1,2,3-cd]pyrene	80.0	72.4	cn	ug/L		91	59 - 150	1	30
Isophorone	80.0	80.6	cn	ug/L		101	65 - 128	1	30
N-Nitrosodi-n-propylamine	80.0	78.1	cn	ug/L		98	63 - 133	3	30
N-Nitrosodiphenylamine	80.0	79.0	cn	ug/L		99	66 - 128	0	30
Naphthalene	80.0	76.7	cn	ug/L		96	39 - 126	0	30
Nitrobenzene	80.0	81.0	cn	ug/L		101	66 - 127	3	30
Pentachlorophenol	160	149	cn	ug/L		93	60 - 140	0	30
Phenanthrene	80.0	77.1	cn	ug/L		96	68 - 126	1	30
Phenol	80.0	26.9	cn	ug/L		34	10 - 80	2	30
Pyrene	80.0	83.5	cn	ug/L		104	60 - 137	3	30
Bis(2-chloroethoxy)methane	80.0	77.1	cn	ug/L		96	63 - 122	1	30
Bis(2-chloroethyl)ether	80.0	75.2	cn	ug/L		94	61 - 125	2	30
Bis(2-ethylhexyl) phthalate	80.0	84.3	cn	ug/L		105	65 - 144	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*98*	*cn*	*37 - 150*
2-Fluorophenol (Surr)	*48*	*cn*	*16 - 80*
Nitrobenzene-d5 (Surr)	*101*	*cn*	*51 - 145*
Phenol-d5 (Surr)	*32*	*cn*	*10 - 56*

Lab Sample ID: 410-192708-83 MS
Matrix: Water
Analysis Batch: 1004707

Client Sample ID: MW-08_20241028
Prep Type: Total/NA
Prep Batch: 1004671

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		80.0	74.8		ug/L		93	52 - 129
2,2'-oxybis[1-chloropropane]	ND		80.0	68.2		ug/L		85	47 - 133
2,4,5-Trichlorophenol	ND		80.0	71.1		ug/L		89	63 - 124
2,4,6-Trichlorophenol	ND		80.0	71.6		ug/L		89	66 - 131
2,4-Dichlorophenol	ND	F2	80.0	64.8		ug/L		81	60 - 120
2,4-Dimethylphenol	ND	F1	80.0	83.8		ug/L		105	37 - 120
2,4-Dinitrophenol	ND	F1 F2	160	25.3	J F1	ug/L		16	50 - 148
2,4-Dinitrotoluene	ND		80.0	91.2		ug/L		114	71 - 142
2,6-Dinitrotoluene	ND		80.0	89.2		ug/L		111	71 - 136
2-Chloronaphthalene	ND		80.0	76.3		ug/L		95	50 - 129
2-Chlorophenol	ND		80.0	59.1		ug/L		74	49 - 120
2-Methylnaphthalene	ND		80.0	65.9		ug/L		82	42 - 134

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

Lab Sample ID: 410-192708-83 MS
Matrix: Water
Analysis Batch: 1004707

Client Sample ID: MW-08_20241028
Prep Type: Total/NA
Prep Batch: 1004671

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	ND		80.0	57.5		ug/L		72	35 - 120
2-Nitroaniline	ND		80.0	81.5		ug/L		102	57 - 134
2-Nitrophenol	ND	F2	80.0	60.3		ug/L		75	62 - 124
3,3'-Dichlorobenzidine	ND	F1 F2	80.0	79.1		ug/L		99	55 - 145
3-Nitroaniline	ND		80.0	78.2		ug/L		98	51 - 120
4,6-Dinitro-2-methylphenol	ND	F1 F2	160	84.7	F1	ug/L		53	65 - 145
4-Bromophenyl phenyl ether	ND		80.0	85.2		ug/L		106	59 - 132
4-Chloro-3-methylphenol	ND		80.0	71.6		ug/L		90	54 - 120
4-Chloroaniline	ND	F2	80.0	80.0		ug/L		100	43 - 120
4-Chlorophenyl phenyl ether	ND		80.0	81.8		ug/L		102	65 - 127
4-Methylphenol	ND		80.0	53.7		ug/L		67	28 - 120
4-Nitroaniline	ND		80.0	81.6		ug/L		102	57 - 135
4-Nitrophenol	ND	F2	160	47.3		ug/L		30	10 - 120
Acenaphthene	ND		80.0	78.7		ug/L		98	62 - 127
Acenaphthylene	ND	F1	80.0	85.8		ug/L		107	58 - 122
Acetophenone	ND		80.0	74.9		ug/L		94	65 - 125
Anthracene	ND		80.0	83.3		ug/L		104	67 - 127
Atrazine	ND	*+ F1 F2	40.0	71.9	E F1	ug/L		180	13 - 150
Benzaldehyde	ND		40.0	59.5	E	ug/L		149	10 - 150
Benzo[a]anthracene	ND	F1	80.0	88.0		ug/L		110	71 - 131
Benzo[a]pyrene	ND	F1	80.0	95.3		ug/L		119	75 - 148
Benzo[b]fluoranthene	ND	F1	80.0	97.2		ug/L		122	70 - 140
Benzo[g,h,i]perylene	ND		80.0	79.9		ug/L		100	52 - 143
Benzo[k]fluoranthene	ND	F1	80.0	95.1		ug/L		119	71 - 140
Butyl benzyl phthalate	ND	F1	80.0	97.6		ug/L		122	67 - 141
Caprolactam	ND		40.0	16.8		ug/L		42	10 - 120
Carbazole	ND		80.0	81.4		ug/L		102	68 - 132
Chrysene	ND		80.0	83.1		ug/L		104	70 - 132
Di-n-butyl phthalate	ND	F1	80.0	90.6		ug/L		113	71 - 139
Di-n-octyl phthalate	ND	F1	80.0	101		ug/L		126	51 - 150
Dibenz(a,h)anthracene	ND		80.0	73.5		ug/L		92	53 - 150
Dibenzofuran	ND		80.0	78.9		ug/L		99	64 - 125
Diethyl phthalate	ND		80.0	82.5		ug/L		103	67 - 131
Dimethyl phthalate	ND		80.0	84.7		ug/L		106	67 - 129
Fluoranthene	ND		80.0	83.8		ug/L		105	69 - 137
Fluorene	ND		80.0	81.6		ug/L		102	67 - 125
Hexachlorobenzene	ND		80.0	81.0		ug/L		101	62 - 135
Hexachlorobutadiene	ND		80.0	55.6		ug/L		70	10 - 147
Hexachlorocyclopentadiene	ND		80.0	77.2		ug/L		96	10 - 135
Hexachloroethane	ND		80.0	47.1		ug/L		59	10 - 138
Indeno[1,2,3-cd]pyrene	ND		80.0	74.7		ug/L		93	59 - 150
Isophorone	ND		80.0	80.3		ug/L		100	65 - 128
N-Nitrosodi-n-propylamine	ND		80.0	77.9		ug/L		97	63 - 133
N-Nitrosodiphenylamine	ND		80.0	82.9		ug/L		104	66 - 128
Naphthalene	ND		80.0	69.8		ug/L		87	39 - 126
Nitrobenzene	ND		80.0	79.8		ug/L		100	66 - 127
Pentachlorophenol	ND	F2	160	126		ug/L		79	60 - 140
Phenanthrene	ND		80.0	81.3		ug/L		102	68 - 126
Phenol	ND		80.0	30.3		ug/L		38	10 - 80

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

Lab Sample ID: 410-192708-83 MS
Matrix: Water
Analysis Batch: 1004707

Client Sample ID: MW-08_20241028
Prep Type: Total/NA
Prep Batch: 1004671

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Pyrene	ND		80.0	89.5		ug/L		112	60 - 137
Bis(2-chloroethoxy)methane	ND		80.0	77.2		ug/L		96	63 - 122
Bis(2-chloroethyl)ether	ND		80.0	73.8		ug/L		92	61 - 125
Bis(2-ethylhexyl) phthalate	ND		80.0	89.2		ug/L		111	65 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*97*		*37 - 150*
2-Fluorophenol (Surr)	*42*		*16 - 80*
Nitrobenzene-d5 (Surr)	*93*		*51 - 145*
Phenol-d5 (Surr)	*33*		*10 - 56*

Lab Sample ID: 410-192708-83 MSD
Matrix: Water
Analysis Batch: 1004707

Client Sample ID: MW-08_20241028
Prep Type: Total/NA
Prep Batch: 1004671

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		80.0	88.3		ug/L		110	52 - 129	17	30
2,2'-oxybis[1-chloropropane]	ND		80.0	78.8		ug/L		98	47 - 133	14	30
2,4,5-Trichlorophenol	ND		80.0	96.2		ug/L		120	63 - 124	30	30
2,4,6-Trichlorophenol	ND		80.0	95.7		ug/L		120	66 - 131	29	30
2,4-Dichlorophenol	ND	F2	80.0	89.0	F2	ug/L		111	60 - 120	31	30
2,4-Dimethylphenol	ND	F1	80.0	98.9	F1	ug/L		124	37 - 120	17	30
2,4-Dinitrophenol	ND	F1 F2	160	224	F2	ug/L		140	50 - 148	159	30
2,4-Dinitrotoluene	ND		80.0	113		ug/L		142	71 - 142	22	30
2,6-Dinitrotoluene	ND		80.0	108		ug/L		135	71 - 136	19	30
2-Chloronaphthalene	ND		80.0	87.5		ug/L		109	50 - 129	14	30
2-Chlorophenol	ND		80.0	72.8		ug/L		91	49 - 120	21	30
2-Methylnaphthalene	ND		80.0	77.7		ug/L		97	42 - 134	16	30
2-Methylphenol	ND		80.0	67.1		ug/L		84	35 - 120	15	30
2-Nitroaniline	ND		80.0	96.9		ug/L		121	57 - 134	17	30
2-Nitrophenol	ND	F2	80.0	90.5	F2	ug/L		113	62 - 124	40	30
3,3'-Dichlorobenzidine	ND	F1 F2	80.0	34.6	F1 F2	ug/L		43	55 - 145	78	30
3-Nitroaniline	ND		80.0	71.9		ug/L		90	51 - 120	8	30
4,6-Dinitro-2-methylphenol	ND	F1 F2	160	215	F2	ug/L		134	65 - 145	87	30
4-Bromophenyl phenyl ether	ND		80.0	102		ug/L		127	59 - 132	18	30
4-Chloro-3-methylphenol	ND		80.0	87.9		ug/L		110	54 - 120	20	30
4-Chloroaniline	ND	F2	80.0	48.6	F2	ug/L		61	43 - 120	49	30
4-Chlorophenyl phenyl ether	ND		80.0	97.5		ug/L		122	65 - 127	18	30
4-Methylphenol	ND		80.0	60.7		ug/L		76	28 - 120	12	30
4-Nitroaniline	ND		80.0	88.9		ug/L		111	57 - 135	9	30
4-Nitrophenol	ND	F2	160	81.2	F2	ug/L		51	10 - 120	53	30
Acenaphthene	ND		80.0	93.3		ug/L		117	62 - 127	17	30
Acenaphthylene	ND	F1	80.0	100	F1	ug/L		125	58 - 122	16	30
Acetophenone	ND		80.0	87.8		ug/L		110	65 - 125	16	30
Anthracene	ND		80.0	101		ug/L		126	67 - 127	19	30
Atrazine	ND	*+ F1 F2	40.0	47.9	F2	ug/L		120	13 - 150	40	30
Benzaldehyde	ND		40.0	57.9	E	ug/L		145	10 - 150	3	30
Benzo[a]anthracene	ND	F1	80.0	107	F1	ug/L		134	71 - 131	19	30

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

Lab Sample ID: 410-192708-83 MSD
Matrix: Water
Analysis Batch: 1004707

Client Sample ID: MW-08_20241028
Prep Type: Total/NA
Prep Batch: 1004671

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]pyrene	ND	F1	80.0	124	F1	ug/L		155	75 - 148	26	30
Benzo[b]fluoranthene	ND	F1	80.0	125	F1	ug/L		156	70 - 140	25	30
Benzo[g,h,i]perylene	ND		80.0	101		ug/L		126	52 - 143	23	30
Benzo[k]fluoranthene	ND	F1	80.0	124	F1	ug/L		156	71 - 140	27	30
Butyl benzyl phthalate	ND	F1	80.0	122	F1	ug/L		153	67 - 141	22	30
Caprolactam	ND		40.0	19.9		ug/L		50	10 - 120	17	30
Carbazole	ND		80.0	100		ug/L		125	68 - 132	21	30
Chrysene	ND		80.0	101		ug/L		126	70 - 132	19	30
Di-n-butyl phthalate	ND	F1	80.0	117	F1	ug/L		147	71 - 139	26	30
Di-n-octyl phthalate	ND	F1	80.0	137	F1	ug/L		171	51 - 150	30	30
Dibenz(a,h)anthracene	ND		80.0	93.5		ug/L		117	53 - 150	24	30
Dibenzofuran	ND		80.0	92.8		ug/L		116	64 - 125	16	30
Diethyl phthalate	ND		80.0	102		ug/L		128	67 - 131	21	30
Dimethyl phthalate	ND		80.0	101		ug/L		127	67 - 129	18	30
Fluoranthene	ND		80.0	108		ug/L		136	69 - 137	26	30
Fluorene	ND		80.0	96.3		ug/L		120	67 - 125	17	30
Hexachlorobenzene	ND		80.0	95.7		ug/L		120	62 - 135	17	30
Hexachlorobutadiene	ND		80.0	67.2		ug/L		84	10 - 147	19	30
Hexachlorocyclopentadiene	ND		80.0	87.5		ug/L		109	10 - 135	13	30
Hexachloroethane	ND		80.0	53.7		ug/L		67	10 - 138	13	30
Indeno[1,2,3-cd]pyrene	ND		80.0	96.3		ug/L		120	59 - 150	25	30
Isophorone	ND		80.0	98.2		ug/L		123	65 - 128	20	30
N-Nitrosodi-n-propylamine	ND		80.0	92.8		ug/L		116	63 - 133	17	30
N-Nitrosodiphenylamine	ND		80.0	94.7		ug/L		118	66 - 128	13	30
Naphthalene	ND		80.0	80.6		ug/L		101	39 - 126	14	30
Nitrobenzene	ND		80.0	93.2		ug/L		116	66 - 127	15	30
Pentachlorophenol	ND	F2	160	201	F2	ug/L		125	60 - 140	46	30
Phenanthrene	ND		80.0	99.5		ug/L		124	68 - 126	20	30
Phenol	ND		80.0	31.2		ug/L		39	10 - 80	3	30
Pyrene	ND		80.0	104		ug/L		130	60 - 137	15	30
Bis(2-chloroethoxy)methane	ND		80.0	91.5		ug/L		114	63 - 122	17	30
Bis(2-chloroethyl)ether	ND		80.0	83.5		ug/L		104	61 - 125	12	30
Bis(2-ethylhexyl) phthalate	ND		80.0	111		ug/L		139	65 - 144	22	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*129*		*37 - 150*
2-Fluorophenol (Surr)	*53*		*16 - 80*
Nitrobenzene-d5 (Surr)	*111*		*51 - 145*
Phenol-d5 (Surr)	*38*		*10 - 56*

Lab Sample ID: MB 460-1005404/1-A
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		330	12	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2,2'-oxybis[1-chloropropane]	ND		330	20	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2,4,5-Trichlorophenol	ND		330	34	ug/Kg		11/05/24 20:15	11/06/24 05:28	1

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

Lab Sample ID: MB 460-1005404/1-A
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		130	42	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2,4-Dichlorophenol	ND		130	21	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2,4-Dimethylphenol	ND		330	39	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2,4-Dinitrophenol	ND		270	160	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2,4-Dinitrotoluene	ND		67	36	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2,6-Dinitrotoluene	ND		67	24	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2-Chloronaphthalene	ND		330	15	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2-Chlorophenol	ND		330	12	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2-Methylnaphthalene	ND		330	9.3	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2-Methylphenol	ND		330	12	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2-Nitroaniline	ND		330	25	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
2-Nitrophenol	ND		330	33	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
3,3'-Dichlorobenzidine	ND		130	50	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
3-Nitroaniline	ND		330	79	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
4-Bromophenyl phenyl ether	ND		330	13	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
4-Chloro-3-methylphenol	ND		330	19	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
4-Chloroaniline	ND		330	59	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
4-Chlorophenyl phenyl ether	ND		330	12	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
4-Methylphenol	ND		330	21	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
4-Nitroaniline	ND		330	38	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
4-Nitrophenol	ND		670	54	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Acenaphthene	ND		330	9.4	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Acenaphthylene	ND		330	9.5	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Acetophenone	ND		330	16	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Anthracene	ND		330	10	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Atrazine	ND		130	19	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Benzaldehyde	ND		330	55	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Benzo[a]anthracene	ND		33	25	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Benzo[a]pyrene	ND		33	8.8	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Benzo[b]fluoranthene	ND		33	8.6	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Benzo[g,h,i]perylene	ND		330	9.8	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Benzo[k]fluoranthene	ND		33	6.5	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Butyl benzyl phthalate	ND		330	16	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Caprolactam	ND		330	51	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Carbazole	ND		330	13	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Chrysene	ND		330	14	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Di-n-butyl phthalate	ND		330	12	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Di-n-octyl phthalate	ND		330	18	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Dibenz(a,h)anthracene	ND		33	14	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Dibenzofuran	ND		330	11	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Diethyl phthalate	ND		330	11	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Dimethyl phthalate	ND		330	75	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Fluoranthene	ND		330	12	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Fluorene	ND		330	9.7	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Hexachlorobenzene	ND		33	16	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Hexachlorobutadiene	ND		67	7.0	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Hexachlorocyclopentadiene	ND		330	29	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Hexachloroethane	ND		33	11	ug/Kg		11/05/24 20:15	11/06/24 05:28	1

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

Lab Sample ID: MB 460-1005404/1-A
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	ND		33	13	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Isophorone	ND		130	96	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
N-Nitrosodi-n-propylamine	ND		33	24	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
N-Nitrosodiphenylamine	ND		330	27	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Naphthalene	ND		330	5.7	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Nitrobenzene	ND		33	18	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Pentachlorophenol	ND		270	68	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Phenanthrene	ND		330	14	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Phenol	ND		330	12	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Pyrene	ND		330	8.2	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Bis(2-chloroethoxy)methane	ND		330	26	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Bis(2-chloroethyl)ether	ND		33	12	ug/Kg		11/05/24 20:15	11/06/24 05:28	1
Bis(2-ethylhexyl) phthalate	ND		330	17	ug/Kg		11/05/24 20:15	11/06/24 05:28	1

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*	*11/05/24 20:15*	*11/06/24 05:28*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*24 - 137*	*11/05/24 20:15*	*11/06/24 05:28*	*1*
2-Fluorophenol (Surr)	*95*		*31 - 133*	*11/05/24 20:15*	*11/06/24 05:28*	*1*
Nitrobenzene-d5 (Surr)	*96*		*31 - 120*	*11/05/24 20:15*	*11/06/24 05:28*	*1*
Phenol-d5 (Surr)	*97*		*35 - 132*	*11/05/24 20:15*	*11/06/24 05:28*	*1*

Lab Sample ID: LCS 460-1005404/2-A
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3330	2950	cn	ug/Kg		88	64 - 120
2,2'-oxybis[1-chloropropane]	3330	2960	cn	ug/Kg		89	46 - 126
2,4,5-Trichlorophenol	3330	3200	cn	ug/Kg		96	64 - 120
2,4,6-Trichlorophenol	3330	3230	cn	ug/Kg		97	65 - 120
2,4-Dichlorophenol	3330	3210	cn	ug/Kg		96	66 - 120
2,4-Dimethylphenol	3330	3700	cn	ug/Kg		111	46 - 120
2,4-Dinitrophenol	6670	6670	cn	ug/Kg		100	41 - 129
2,4-Dinitrotoluene	3330	3460	cn	ug/Kg		104	65 - 124
2,6-Dinitrotoluene	3330	3390	cn	ug/Kg		102	67 - 121
2-Chloronaphthalene	3330	3030	cn	ug/Kg		91	64 - 120
2-Chlorophenol	3330	3050	cn	ug/Kg		92	63 - 120
2-Methylnaphthalene	3330	2680	cn	ug/Kg		81	64 - 120
2-Methylphenol	3330	3080	cn	ug/Kg		92	63 - 120
2-Nitroaniline	3330	3160	cn	ug/Kg		95	48 - 120
2-Nitrophenol	3330	3260	cn	ug/Kg		98	64 - 120
3,3'-Dichlorobenzidine	3330	2220	cn	ug/Kg		67	10 - 120
3-Nitroaniline	3330	2430	cn	ug/Kg		73	18 - 122
4,6-Dinitro-2-methylphenol	6670	7060	cn	ug/Kg		106	58 - 136
4-Bromophenyl phenyl ether	3330	3190	cn	ug/Kg		96	60 - 120
4-Chloro-3-methylphenol	3330	3180	cn	ug/Kg		95	66 - 120

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

Lab Sample ID: LCS 460-1005404/2-A
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloroaniline	3330	2160	cn	ug/Kg		65	10 - 120
4-Chlorophenyl phenyl ether	3330	3140	cn	ug/Kg		94	62 - 120
4-Methylphenol	3330	3080	cn	ug/Kg		92	61 - 120
4-Nitroaniline	3330	2950	cn	ug/Kg		89	51 - 120
4-Nitrophenol	6670	6160	cn	ug/Kg		92	42 - 132
Acenaphthene	3330	3090	cn	ug/Kg		93	65 - 120
Acenaphthylene	3330	3270	cn	ug/Kg		98	64 - 120
Acetophenone	3330	2950	cn	ug/Kg		89	61 - 120
Anthracene	3330	3170	cn	ug/Kg		95	67 - 120
Atrazine	1330	1850	cn	ug/Kg		139	32 - 150
Benzaldehyde	1330	1480	cn	ug/Kg		111	28 - 150
Benzo[a]anthracene	3330	3170	cn	ug/Kg		95	66 - 120
Benzo[a]pyrene	3330	3490	cn	ug/Kg		105	73 - 123
Benzo[b]fluoranthene	3330	3320	cn	ug/Kg		100	70 - 125
Benzo[g,h,i]perylene	3330	3490	cn	ug/Kg		105	66 - 120
Benzo[k]fluoranthene	3330	3410	cn	ug/Kg		102	67 - 122
Butyl benzyl phthalate	3330	3270	cn	ug/Kg		98	62 - 127
Caprolactam	1330	1650	cn	ug/Kg		124	36 - 150
Carbazole	3330	3100	cn	ug/Kg		93	64 - 120
Chrysene	3330	3150	cn	ug/Kg		95	67 - 120
Di-n-butyl phthalate	3330	3250	cn	ug/Kg		98	66 - 120
Di-n-octyl phthalate	3330	3440	cn	ug/Kg		103	61 - 123
Dibenz(a,h)anthracene	3330	3470	cn	ug/Kg		104	66 - 128
Dibenzofuran	3330	3040	cn	ug/Kg		91	61 - 120
Diethyl phthalate	3330	3160	cn	ug/Kg		95	63 - 120
Dimethyl phthalate	3330	3110	cn	ug/Kg		93	65 - 120
Fluoranthene	3330	3190	cn	ug/Kg		96	61 - 120
Fluorene	3330	3090	cn	ug/Kg		93	64 - 120
Hexachlorobenzene	3330	3140	cn	ug/Kg		94	66 - 120
Hexachlorobutadiene	3330	2910	cn	ug/Kg		87	62 - 120
Hexachlorocyclopentadiene	3330	4380	*+ cn	ug/Kg		131	13 - 120
Hexachloroethane	3330	2890	cn	ug/Kg		87	61 - 120
Indeno[1,2,3-cd]pyrene	3330	3480	cn	ug/Kg		105	71 - 137
Isophorone	3330	3080	cn	ug/Kg		92	61 - 120
N-Nitrosodi-n-propylamine	3330	3030	cn	ug/Kg		91	56 - 120
N-Nitrosodiphenylamine	3330	3070	cn	ug/Kg		92	63 - 120
Naphthalene	3330	2960	cn	ug/Kg		89	63 - 120
Nitrobenzene	3330	3060	cn	ug/Kg		92	63 - 120
Pentachlorophenol	6670	6890	cn	ug/Kg		103	61 - 126
Phenanthrene	3330	3060	cn	ug/Kg		92	66 - 120
Phenol	3330	2960	cn	ug/Kg		89	63 - 120
Pyrene	3330	3090	cn	ug/Kg		93	61 - 121
Bis(2-chloroethoxy)methane	3330	3060	cn	ug/Kg		92	62 - 120
Bis(2-chloroethyl)ether	3330	2980	cn	ug/Kg		89	60 - 120
Bis(2-ethylhexyl) phthalate	3330	3250	cn	ug/Kg		97	64 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*101*	*cn*	*24 - 137*

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

Lab Sample ID: LCS 460-1005404/2-A
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005404

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorophenol (Surr)	*90*	*cn*	*31 - 133*
Nitrobenzene-d5 (Surr)	*90*	*cn*	*31 - 120*
Phenol-d5 (Surr)	*92*	*cn*	*35 - 132*

Lab Sample ID: LCSD 460-1005404/3-A
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1005404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3330	3100	cn	ug/Kg		93	64 - 120	5	30
2,2'-oxybis[1-chloropropane]	3330	3050	cn	ug/Kg		92	46 - 126	3	30
2,4,5-Trichlorophenol	3330	3370	cn	ug/Kg		101	64 - 120	5	30
2,4,6-Trichlorophenol	3330	3430	cn	ug/Kg		103	65 - 120	6	30
2,4-Dichlorophenol	3330	3350	cn	ug/Kg		100	66 - 120	4	30
2,4-Dimethylphenol	3330	3820	cn	ug/Kg		115	46 - 120	3	30
2,4-Dinitrophenol	6670	6830	cn	ug/Kg		102	41 - 129	2	30
2,4-Dinitrotoluene	3330	3620	cn	ug/Kg		108	65 - 124	4	30
2,6-Dinitrotoluene	3330	3550	cn	ug/Kg		107	67 - 121	5	30
2-Chloronaphthalene	3330	3180	cn	ug/Kg		95	64 - 120	5	30
2-Chlorophenol	3330	3170	cn	ug/Kg		95	63 - 120	4	30
2-Methylnaphthalene	3330	2830	cn	ug/Kg		85	64 - 120	5	30
2-Methylphenol	3330	3210	cn	ug/Kg		96	63 - 120	4	30
2-Nitroaniline	3330	3340	cn	ug/Kg		100	48 - 120	5	30
2-Nitrophenol	3330	3460	cn	ug/Kg		104	64 - 120	6	30
3,3'-Dichlorobenzidine	3330	2160	cn	ug/Kg		65	10 - 120	3	30
3-Nitroaniline	3330	2340	cn	ug/Kg		70	18 - 122	4	30
4,6-Dinitro-2-methylphenol	6670	7100	cn	ug/Kg		107	58 - 136	1	30
4-Bromophenyl phenyl ether	3330	3260	cn	ug/Kg		98	60 - 120	2	30
4-Chloro-3-methylphenol	3330	3300	cn	ug/Kg		99	66 - 120	4	30
4-Chloroaniline	3330	2100	cn	ug/Kg		63	10 - 120	3	30
4-Chlorophenyl phenyl ether	3330	3330	cn	ug/Kg		100	62 - 120	6	30
4-Methylphenol	3330	3210	cn	ug/Kg		96	61 - 120	4	30
4-Nitroaniline	3330	3190	cn	ug/Kg		96	51 - 120	8	30
4-Nitrophenol	6670	6660	cn	ug/Kg		100	42 - 132	8	30
Acenaphthene	3330	3260	cn	ug/Kg		98	65 - 120	5	30
Acenaphthylene	3330	3470	cn	ug/Kg		104	64 - 120	6	30
Acetophenone	3330	3050	cn	ug/Kg		92	61 - 120	3	30
Anthracene	3330	3300	cn	ug/Kg		99	67 - 120	4	30
Atrazine	1330	1970	cn	ug/Kg		147	32 - 150	6	30
Benzaldehyde	1330	1620	cn	ug/Kg		121	28 - 150	9	30
Benzo[a]anthracene	3330	3250	cn	ug/Kg		98	66 - 120	3	30
Benzo[a]pyrene	3330	3620	cn	ug/Kg		109	73 - 123	4	30
Benzo[b]fluoranthene	3330	3510	cn	ug/Kg		105	70 - 125	5	30
Benzo[g,h,i]perylene	3330	3560	cn	ug/Kg		107	66 - 120	2	30
Benzo[k]fluoranthene	3330	3460	cn	ug/Kg		104	67 - 122	2	30
Butyl benzyl phthalate	3330	3360	cn	ug/Kg		101	62 - 127	3	30
Caprolactam	1330	1780	cn	ug/Kg		133	36 - 150	7	30
Carbazole	3330	3210	cn	ug/Kg		96	64 - 120	4	30

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

Lab Sample ID: LCSD 460-1005404/3-A
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1005404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chrysene	3330	3200	cn	ug/Kg		96	67 - 120	2	30
Di-n-butyl phthalate	3330	3380	cn	ug/Kg		101	66 - 120	4	30
Di-n-octyl phthalate	3330	3500	cn	ug/Kg		105	61 - 123	2	30
Dibenz(a,h)anthracene	3330	3560	cn	ug/Kg		107	66 - 128	3	30
Dibenzofuran	3330	3200	cn	ug/Kg		96	61 - 120	5	30
Diethyl phthalate	3330	3350	cn	ug/Kg		101	63 - 120	6	30
Dimethyl phthalate	3330	3300	cn	ug/Kg		99	65 - 120	6	30
Fluoranthene	3330	3270	cn	ug/Kg		98	61 - 120	2	30
Fluorene	3330	3280	cn	ug/Kg		98	64 - 120	6	30
Hexachlorobenzene	3330	3260	cn	ug/Kg		98	66 - 120	4	30
Hexachlorobutadiene	3330	3030	cn	ug/Kg		91	62 - 120	4	30
Hexachlorocyclopentadiene	3330	4530	*+ cn	ug/Kg		136	13 - 120	3	30
Hexachloroethane	3330	3000	cn	ug/Kg		90	61 - 120	4	30
Indeno[1,2,3-cd]pyrene	3330	3620	cn	ug/Kg		109	71 - 137	4	30
Isophorone	3330	3180	cn	ug/Kg		96	61 - 120	3	30
N-Nitrosodi-n-propylamine	3330	3150	cn	ug/Kg		95	56 - 120	4	30
N-Nitrosodiphenylamine	3330	3180	cn	ug/Kg		95	63 - 120	4	30
Naphthalene	3330	3110	cn	ug/Kg		93	63 - 120	5	30
Nitrobenzene	3330	3280	cn	ug/Kg		98	63 - 120	7	30
Pentachlorophenol	6670	7100	cn	ug/Kg		106	61 - 126	3	30
Phenanthrene	3330	3190	cn	ug/Kg		96	66 - 120	4	30
Phenol	3330	3080	cn	ug/Kg		92	63 - 120	4	30
Pyrene	3330	3220	cn	ug/Kg		97	61 - 121	4	30
Bis(2-chloroethoxy)methane	3330	3170	cn	ug/Kg		95	62 - 120	3	30
Bis(2-chloroethyl)ether	3330	3050	cn	ug/Kg		91	60 - 120	2	30
Bis(2-ethylhexyl) phthalate	3330	3350	cn	ug/Kg		100	64 - 125	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*106*	*cn*	*24 - 137*
2-Fluorophenol (Surr)	*91*	*cn*	*31 - 133*
Nitrobenzene-d5 (Surr)	*93*	*cn*	*31 - 120*
Phenol-d5 (Surr)	*94*	*cn*	*35 - 132*

Lab Sample ID: 410-192708-94 MS
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: SED-01_0-1_20241101
Prep Type: Total/NA
Prep Batch: 1005404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		8390	7270		ug/Kg	☼	87	64 - 120
2,2'-oxybis[1-chloropropane]	ND		8390	6670		ug/Kg	☼	80	46 - 126
2,4,5-Trichlorophenol	ND		8390	7910		ug/Kg	☼	94	64 - 120
2,4,6-Trichlorophenol	ND		8390	7990		ug/Kg	☼	95	65 - 120
2,4-Dichlorophenol	ND		8390	7610		ug/Kg	☼	91	66 - 120
2,4-Dimethylphenol	ND		8390	8780		ug/Kg	☼	105	46 - 120
2,4-Dinitrophenol	ND		16800	13700		ug/Kg	☼	82	41 - 129
2,4-Dinitrotoluene	ND		8390	8500		ug/Kg	☼	101	65 - 124
2,6-Dinitrotoluene	ND		8390	8320		ug/Kg	☼	99	67 - 121
2-Chloronaphthalene	ND		8390	7380		ug/Kg	☼	88	64 - 120

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

Lab Sample ID: 410-192708-94 MS
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: SED-01_0-1_20241101
Prep Type: Total/NA
Prep Batch: 1005404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorophenol	ND		8390	7030		ug/Kg	☼	84	63 - 120
2-Methylnaphthalene	ND		8390	6430		ug/Kg	☼	77	64 - 120
2-Methylphenol	ND		8390	7220		ug/Kg	☼	86	63 - 120
2-Nitroaniline	ND		8390	7650		ug/Kg	☼	91	48 - 120
2-Nitrophenol	ND		8390	7840		ug/Kg	☼	93	64 - 120
3,3'-Dichlorobenzidine	ND		8390	6430		ug/Kg	☼	77	10 - 120
3-Nitroaniline	ND		8390	6700		ug/Kg	☼	80	18 - 122
4,6-Dinitro-2-methylphenol	ND		16800	14400		ug/Kg	☼	86	58 - 136
4-Bromophenyl phenyl ether	ND		8390	7910		ug/Kg	☼	94	60 - 120
4-Chloro-3-methylphenol	ND		8390	7610		ug/Kg	☼	91	66 - 120
4-Chloroaniline	ND		8390	5680		ug/Kg	☼	68	10 - 120
4-Chlorophenyl phenyl ether	ND		8390	7640		ug/Kg	☼	91	62 - 120
4-Methylphenol	1100		8390	7200		ug/Kg	☼	73	61 - 120
4-Nitroaniline	ND		8390	7130		ug/Kg	☼	85	51 - 120
4-Nitrophenol	ND		16800	15300		ug/Kg	☼	91	42 - 132
Acenaphthene	ND		8390	7500		ug/Kg	☼	89	65 - 120
Acenaphthylene	25	J	8390	8010		ug/Kg	☼	95	64 - 120
Acetophenone	ND		8390	6780		ug/Kg	☼	81	61 - 120
Anthracene	50	J	8390	7800		ug/Kg	☼	92	67 - 120
Atrazine	ND		3360	3570		ug/Kg	☼	106	32 - 150
Benzaldehyde	ND		3360	2940		ug/Kg	☼	88	28 - 150
Benzo[a]anthracene	290		8390	8130		ug/Kg	☼	93	66 - 120
Benzo[a]pyrene	450		8390	8860		ug/Kg	☼	100	73 - 123
Benzo[b]fluoranthene	790		8390	8920		ug/Kg	☼	97	70 - 125
Benzo[g,h,i]perylene	390	J	8390	7180		ug/Kg	☼	81	66 - 120
Benzo[k]fluoranthene	270		8390	8040		ug/Kg	☼	93	67 - 122
Butyl benzyl phthalate	80	J	8390	8300		ug/Kg	☼	98	62 - 127
Caprolactam	ND		3360	3050		ug/Kg	☼	91	36 - 150
Carbazole	100	J	8390	7570		ug/Kg	☼	89	64 - 120
Chrysene	500	J	8390	7770		ug/Kg	☼	87	67 - 120
Di-n-butyl phthalate	97	J	8390	8330		ug/Kg	☼	98	66 - 120
Di-n-octyl phthalate	ND		8390	8810		ug/Kg	☼	105	61 - 123
Dibenz(a,h)anthracene	59	J	8390	7650		ug/Kg	☼	90	66 - 128
Dibenzofuran	ND		8390	7390		ug/Kg	☼	88	61 - 120
Diethyl phthalate	ND		8390	7700		ug/Kg	☼	92	63 - 120
Dimethyl phthalate	ND		8390	7600		ug/Kg	☼	91	65 - 120
Fluoranthene	780	J	8390	7990		ug/Kg	☼	86	61 - 120
Fluorene	ND		8390	7620		ug/Kg	☼	91	64 - 120
Hexachlorobenzene	ND		8390	7820		ug/Kg	☼	93	66 - 120
Hexachlorobutadiene	ND		8390	6800		ug/Kg	☼	81	62 - 120
Hexachlorocyclopentadiene	ND	*+	8390	5930		ug/Kg	☼	71	13 - 120
Hexachloroethane	ND		8390	6430		ug/Kg	☼	77	61 - 120
Indeno[1,2,3-cd]pyrene	400		8390	7850		ug/Kg	☼	89	71 - 137
Isophorone	ND		8390	7240		ug/Kg	☼	86	61 - 120
N-Nitrosodi-n-propylamine	ND		8390	7060		ug/Kg	☼	84	56 - 120
N-Nitrosodiphenylamine	ND		8390	7600		ug/Kg	☼	91	63 - 120
Naphthalene	41	J	8390	6950		ug/Kg	☼	82	63 - 120
Nitrobenzene	ND		8390	7130		ug/Kg	☼	85	63 - 120
Pentachlorophenol	ND		16800	17400		ug/Kg	☼	104	61 - 126

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

Lab Sample ID: 410-192708-94 MS
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: SED-01_0-1_20241101
Prep Type: Total/NA
Prep Batch: 1005404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenanthrene	300	J	8390	7740		ug/Kg	☼	89	66 - 120
Phenol	82	J	8390	7030		ug/Kg	☼	83	63 - 120
Pyrene	660	J	8390	7700		ug/Kg	☼	84	61 - 121
Bis(2-chloroethoxy)methane	ND		8390	7110		ug/Kg	☼	85	62 - 120
Bis(2-chloroethyl)ether	ND		8390	6740		ug/Kg	☼	80	60 - 120
Bis(2-ethylhexyl) phthalate	92	J	8390	8350		ug/Kg	☼	98	64 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*101*		*24 - 137*
2-Fluorophenol (Surr)	*81*		*31 - 133*
Nitrobenzene-d5 (Surr)	*84*		*31 - 120*
Phenol-d5 (Surr)	*86*		*35 - 132*

Lab Sample ID: 410-192708-94 MSD
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: SED-01_0-1_20241101
Prep Type: Total/NA
Prep Batch: 1005404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		8420	7260		ug/Kg	☼	86	64 - 120	0	30
2,2'-oxybis[1-chloropropane]	ND		8420	6700		ug/Kg	☼	80	46 - 126	0	30
2,4,5-Trichlorophenol	ND		8420	7870		ug/Kg	☼	93	64 - 120	1	30
2,4,6-Trichlorophenol	ND		8420	7940		ug/Kg	☼	94	65 - 120	1	30
2,4-Dichlorophenol	ND		8420	7620		ug/Kg	☼	90	66 - 120	0	30
2,4-Dimethylphenol	ND		8420	8740		ug/Kg	☼	104	46 - 120	0	30
2,4-Dinitrophenol	ND		16800	12900		ug/Kg	☼	77	41 - 129	6	30
2,4-Dinitrotoluene	ND		8420	8480		ug/Kg	☼	101	65 - 124	0	30
2,6-Dinitrotoluene	ND		8420	8360		ug/Kg	☼	99	67 - 121	1	30
2-Chloronaphthalene	ND		8420	7330		ug/Kg	☼	87	64 - 120	1	30
2-Chlorophenol	ND		8420	7050		ug/Kg	☼	84	63 - 120	0	30
2-Methylnaphthalene	ND		8420	6490		ug/Kg	☼	77	64 - 120	1	30
2-Methylphenol	ND		8420	7140		ug/Kg	☼	85	63 - 120	1	30
2-Nitroaniline	ND		8420	7720		ug/Kg	☼	92	48 - 120	1	30
2-Nitrophenol	ND		8420	7880		ug/Kg	☼	94	64 - 120	1	30
3,3'-Dichlorobenzidine	ND		8420	5510		ug/Kg	☼	65	10 - 120	16	30
3-Nitroaniline	ND		8420	6290		ug/Kg	☼	75	18 - 122	6	30
4,6-Dinitro-2-methylphenol	ND		16800	13700		ug/Kg	☼	81	58 - 136	5	30
4-Bromophenyl phenyl ether	ND		8420	7920		ug/Kg	☼	94	60 - 120	0	30
4-Chloro-3-methylphenol	ND		8420	7630		ug/Kg	☼	91	66 - 120	0	30
4-Chloroaniline	ND		8420	5120		ug/Kg	☼	61	10 - 120	10	30
4-Chlorophenyl phenyl ether	ND		8420	7630		ug/Kg	☼	91	62 - 120	0	30
4-Methylphenol	1100		8420	7300		ug/Kg	☼	74	61 - 120	1	30
4-Nitroaniline	ND		8420	6630		ug/Kg	☼	79	51 - 120	7	30
4-Nitrophenol	ND		16800	15500		ug/Kg	☼	92	42 - 132	1	30
Acenaphthene	ND		8420	7400		ug/Kg	☼	88	65 - 120	1	30
Acenaphthylene	25	J	8420	7960		ug/Kg	☼	94	64 - 120	1	30
Acetophenone	ND		8420	6820		ug/Kg	☼	81	61 - 120	1	30
Anthracene	50	J	8420	7710		ug/Kg	☼	91	67 - 120	1	30
Atrazine	ND		3370	3610		ug/Kg	☼	107	32 - 150	1	30

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

Lab Sample ID: 410-192708-94 MSD
Matrix: Solid
Analysis Batch: 1005444

Client Sample ID: SED-01_0-1_20241101
Prep Type: Total/NA
Prep Batch: 1005404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzaldehyde	ND		3370	2950		ug/Kg	☼	88	28 - 150	0	30
Benzo[a]anthracene	290		8420	8100		ug/Kg	☼	93	66 - 120	0	30
Benzo[a]pyrene	450		8420	8930		ug/Kg	☼	101	73 - 123	1	30
Benzo[b]fluoranthene	790		8420	9110		ug/Kg	☼	99	70 - 125	2	30
Benzo[g,h,i]perylene	390	J	8420	7440		ug/Kg	☼	84	66 - 120	4	30
Benzo[k]fluoranthene	270		8420	8080		ug/Kg	☼	93	67 - 122	0	30
Butyl benzyl phthalate	80	J	8420	8240		ug/Kg	☼	97	62 - 127	1	30
Caprolactam	ND		3370	3280		ug/Kg	☼	97	36 - 150	7	30
Carbazole	100	J	8420	7400		ug/Kg	☼	87	64 - 120	2	30
Chrysene	500	J	8420	7740		ug/Kg	☼	86	67 - 120	0	30
Di-n-butyl phthalate	97	J	8420	8260		ug/Kg	☼	97	66 - 120	1	30
Di-n-octyl phthalate	ND		8420	8810		ug/Kg	☼	105	61 - 123	0	30
Dibenz(a,h)anthracene	59	J	8420	7730		ug/Kg	☼	91	66 - 128	1	30
Dibenzofuran	ND		8420	7410		ug/Kg	☼	88	61 - 120	0	30
Diethyl phthalate	ND		8420	7660		ug/Kg	☼	91	63 - 120	0	30
Dimethyl phthalate	ND		8420	7550		ug/Kg	☼	90	65 - 120	1	30
Fluoranthene	780	J	8420	8130		ug/Kg	☼	87	61 - 120	2	30
Fluorene	ND		8420	7570		ug/Kg	☼	90	64 - 120	1	30
Hexachlorobenzene	ND		8420	7660		ug/Kg	☼	91	66 - 120	2	30
Hexachlorobutadiene	ND		8420	6880		ug/Kg	☼	82	62 - 120	1	30
Hexachlorocyclopentadiene	ND	*+	8420	5990		ug/Kg	☼	71	13 - 120	1	30
Hexachloroethane	ND		8420	6440		ug/Kg	☼	76	61 - 120	0	30
Indeno[1,2,3-cd]pyrene	400		8420	7920		ug/Kg	☼	89	71 - 137	1	30
Isophorone	ND		8420	7270		ug/Kg	☼	86	61 - 120	0	30
N-Nitrosodi-n-propylamine	ND		8420	7010		ug/Kg	☼	83	56 - 120	1	30
N-Nitrosodiphenylamine	ND		8420	7490		ug/Kg	☼	89	63 - 120	1	30
Naphthalene	41	J	8420	6980		ug/Kg	☼	82	63 - 120	1	30
Nitrobenzene	ND		8420	7180		ug/Kg	☼	85	63 - 120	1	30
Pentachlorophenol	ND		16800	17300		ug/Kg	☼	103	61 - 126	1	30
Phenanthrene	300	J	8420	7780		ug/Kg	☼	89	66 - 120	1	30
Phenol	82	J	8420	7010		ug/Kg	☼	82	63 - 120	0	30
Pyrene	660	J	8420	7850		ug/Kg	☼	85	61 - 121	2	30
Bis(2-chloroethoxy)methane	ND		8420	7100		ug/Kg	☼	84	62 - 120	0	30
Bis(2-chloroethyl)ether	ND		8420	6750		ug/Kg	☼	80	60 - 120	0	30
Bis(2-ethylhexyl) phthalate	92	J	8420	8250		ug/Kg	☼	97	64 - 125	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*97*		*24 - 137*
2-Fluorophenol (Surr)	*80*		*31 - 133*
Nitrobenzene-d5 (Surr)	*82*		*31 - 120*
Phenol-d5 (Surr)	*84*		*35 - 132*

Lab Sample ID: MB 460-1005521/1-A
Matrix: Water
Analysis Batch: 1005653

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005521

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.2	ug/L		11/06/24 10:26	11/06/24 23:01	1

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

Lab Sample ID: MB 460-1005521/1-A
Matrix: Water
Analysis Batch: 1005653

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005521

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		10	0.63	ug/L		11/06/24 10:26	11/06/24 23:01	1
2,4,5-Trichlorophenol	ND		10	0.88	ug/L		11/06/24 10:26	11/06/24 23:01	1
2,4,6-Trichlorophenol	ND		10	0.86	ug/L		11/06/24 10:26	11/06/24 23:01	1
2,4-Dichlorophenol	ND		10	1.1	ug/L		11/06/24 10:26	11/06/24 23:01	1
2,4-Dimethylphenol	ND		10	0.62	ug/L		11/06/24 10:26	11/06/24 23:01	1
2,4-Dinitrophenol	ND		40	2.6	ug/L		11/06/24 10:26	11/06/24 23:01	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		11/06/24 10:26	11/06/24 23:01	1
2,6-Dinitrotoluene	ND		2.0	0.83	ug/L		11/06/24 10:26	11/06/24 23:01	1
2-Chloronaphthalene	ND		10	1.2	ug/L		11/06/24 10:26	11/06/24 23:01	1
2-Chlorophenol	ND		10	0.38	ug/L		11/06/24 10:26	11/06/24 23:01	1
2-Methylnaphthalene	ND		10	0.53	ug/L		11/06/24 10:26	11/06/24 23:01	1
2-Methylphenol	ND		10	0.67	ug/L		11/06/24 10:26	11/06/24 23:01	1
2-Nitroaniline	ND		10	0.47	ug/L		11/06/24 10:26	11/06/24 23:01	1
2-Nitrophenol	ND		10	0.75	ug/L		11/06/24 10:26	11/06/24 23:01	1
3,3'-Dichlorobenzidine	ND		10	1.4	ug/L		11/06/24 10:26	11/06/24 23:01	1
3-Nitroaniline	ND		10	1.9	ug/L		11/06/24 10:26	11/06/24 23:01	1
4,6-Dinitro-2-methylphenol	ND		20	3.0	ug/L		11/06/24 10:26	11/06/24 23:01	1
4-Bromophenyl phenyl ether	ND		10	0.75	ug/L		11/06/24 10:26	11/06/24 23:01	1
4-Chloro-3-methylphenol	ND		10	0.58	ug/L		11/06/24 10:26	11/06/24 23:01	1
4-Chloroaniline	ND		10	1.9	ug/L		11/06/24 10:26	11/06/24 23:01	1
4-Chlorophenyl phenyl ether	ND		10	1.3	ug/L		11/06/24 10:26	11/06/24 23:01	1
4-Methylphenol	ND		10	0.65	ug/L		11/06/24 10:26	11/06/24 23:01	1
4-Nitroaniline	ND		10	1.2	ug/L		11/06/24 10:26	11/06/24 23:01	1
4-Nitrophenol	ND		20	4.0	ug/L		11/06/24 10:26	11/06/24 23:01	1
Acenaphthene	ND		10	1.1	ug/L		11/06/24 10:26	11/06/24 23:01	1
Acenaphthylene	ND		10	0.82	ug/L		11/06/24 10:26	11/06/24 23:01	1
Acetophenone	ND		10	2.3	ug/L		11/06/24 10:26	11/06/24 23:01	1
Anthracene	ND		10	1.3	ug/L		11/06/24 10:26	11/06/24 23:01	1
Atrazine	ND		2.0	1.3	ug/L		11/06/24 10:26	11/06/24 23:01	1
Benzaldehyde	ND		10	2.1	ug/L		11/06/24 10:26	11/06/24 23:01	1
Benzo[a]anthracene	ND		1.0	0.59	ug/L		11/06/24 10:26	11/06/24 23:01	1
Benzo[a]pyrene	ND		1.0	0.41	ug/L		11/06/24 10:26	11/06/24 23:01	1
Benzo[b]fluoranthene	ND		2.0	0.68	ug/L		11/06/24 10:26	11/06/24 23:01	1
Benzo[g,h,i]perylene	ND		10	0.70	ug/L		11/06/24 10:26	11/06/24 23:01	1
Benzo[k]fluoranthene	ND		1.0	0.67	ug/L		11/06/24 10:26	11/06/24 23:01	1
Butyl benzyl phthalate	ND		10	0.85	ug/L		11/06/24 10:26	11/06/24 23:01	1
Caprolactam	ND		10	2.2	ug/L		11/06/24 10:26	11/06/24 23:01	1
Carbazole	ND		10	0.68	ug/L		11/06/24 10:26	11/06/24 23:01	1
Chrysene	ND		2.0	0.91	ug/L		11/06/24 10:26	11/06/24 23:01	1
Di-n-butyl phthalate	ND		10	0.84	ug/L		11/06/24 10:26	11/06/24 23:01	1
Di-n-octyl phthalate	ND		10	0.75	ug/L		11/06/24 10:26	11/06/24 23:01	1
Dibenz(a,h)anthracene	ND		1.0	0.72	ug/L		11/06/24 10:26	11/06/24 23:01	1
Dibenzofuran	ND		10	1.1	ug/L		11/06/24 10:26	11/06/24 23:01	1
Diethyl phthalate	ND		10	0.98	ug/L		11/06/24 10:26	11/06/24 23:01	1
Dimethyl phthalate	ND		10	0.77	ug/L		11/06/24 10:26	11/06/24 23:01	1
Fluoranthene	ND		10	0.84	ug/L		11/06/24 10:26	11/06/24 23:01	1
Fluorene	ND		10	0.91	ug/L		11/06/24 10:26	11/06/24 23:01	1
Hexachlorobenzene	ND		1.0	0.40	ug/L		11/06/24 10:26	11/06/24 23:01	1
Hexachlorobutadiene	ND		1.0	0.78	ug/L		11/06/24 10:26	11/06/24 23:01	1

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

Lab Sample ID: MB 460-1005521/1-A
Matrix: Water
Analysis Batch: 1005653

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005521

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		10	3.6	ug/L		11/06/24 10:26	11/06/24 23:01	1
Hexachloroethane	ND		2.0	0.80	ug/L		11/06/24 10:26	11/06/24 23:01	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.94	ug/L		11/06/24 10:26	11/06/24 23:01	1
Isophorone	ND		10	0.80	ug/L		11/06/24 10:26	11/06/24 23:01	1
N-Nitrosodi-n-propylamine	ND		1.0	0.43	ug/L		11/06/24 10:26	11/06/24 23:01	1
N-Nitrosodiphenylamine	ND		10	0.89	ug/L		11/06/24 10:26	11/06/24 23:01	1
Naphthalene	ND		2.0	0.54	ug/L		11/06/24 10:26	11/06/24 23:01	1
Nitrobenzene	ND		1.0	0.57	ug/L		11/06/24 10:26	11/06/24 23:01	1
Pentachlorophenol	ND		20	1.4	ug/L		11/06/24 10:26	11/06/24 23:01	1
Phenanthrene	ND		10	1.3	ug/L		11/06/24 10:26	11/06/24 23:01	1
Phenol	ND		10	0.29	ug/L		11/06/24 10:26	11/06/24 23:01	1
Pyrene	ND		10	1.6	ug/L		11/06/24 10:26	11/06/24 23:01	1
Bis(2-chloroethoxy)methane	ND		10	0.59	ug/L		11/06/24 10:26	11/06/24 23:01	1
Bis(2-chloroethyl)ether	ND		1.0	0.63	ug/L		11/06/24 10:26	11/06/24 23:01	1
Bis(2-ethylhexyl) phthalate	ND		2.0	0.80	ug/L		11/06/24 10:26	11/06/24 23:01	1

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*	*11/06/24 10:26*	*11/06/24 23:01*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*110*		*37 - 150*	*11/06/24 10:26*	*11/06/24 23:01*	*1*
2-Fluorophenol (Surr)	*45*		*16 - 80*	*11/06/24 10:26*	*11/06/24 23:01*	*1*
Nitrobenzene-d5 (Surr)	*109*		*51 - 145*	*11/06/24 10:26*	*11/06/24 23:01*	*1*
Phenol-d5 (Surr)	*28*		*10 - 56*	*11/06/24 10:26*	*11/06/24 23:01*	*1*

Lab Sample ID: LCS 460-1005521/2-A
Matrix: Water
Analysis Batch: 1005653

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005521

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	80.0	88.6	cn	ug/L		111	52 - 129
2,2'-oxybis[1-chloropropane]	80.0	83.4	cn	ug/L		104	47 - 133
2,4,5-Trichlorophenol	80.0	95.2	cn	ug/L		119	63 - 124
2,4,6-Trichlorophenol	80.0	93.5	cn	ug/L		117	66 - 131
2,4-Dichlorophenol	80.0	86.8	cn	ug/L		109	60 - 120
2,4-Dimethylphenol	80.0	96.8	*+ cn	ug/L		121	37 - 120
2,4-Dinitrophenol	160	187	cn	ug/L		117	50 - 148
2,4-Dinitrotoluene	80.0	102	cn	ug/L		127	71 - 142
2,6-Dinitrotoluene	80.0	103	cn	ug/L		129	71 - 136
2-Chloronaphthalene	80.0	91.4	cn	ug/L		114	50 - 129
2-Chlorophenol	80.0	73.8	cn	ug/L		92	49 - 120
2-Methylnaphthalene	80.0	79.6	cn	ug/L		99	42 - 134
2-Methylphenol	80.0	63.3	cn	ug/L		79	35 - 120
2-Nitroaniline	80.0	94.3	cn	ug/L		118	57 - 134
2-Nitrophenol	80.0	91.1	cn	ug/L		114	62 - 124
3,3'-Dichlorobenzidine	80.0	99.9	cn	ug/L		125	55 - 145
3-Nitroaniline	80.0	90.9	cn	ug/L		114	51 - 120
4,6-Dinitro-2-methylphenol	160	195	cn	ug/L		122	65 - 145

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

Lab Sample ID: LCS 460-1005521/2-A
Matrix: Water
Analysis Batch: 1005653

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005521

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Bromophenyl phenyl ether	80.0	104	cn	ug/L		130	59 - 132
4-Chloro-3-methylphenol	80.0	80.4	cn	ug/L		101	54 - 120
4-Chloroaniline	80.0	92.1	cn	ug/L		115	43 - 120
4-Chlorophenyl phenyl ether	80.0	96.3	cn	ug/L		120	65 - 127
4-Methylphenol	80.0	51.8	cn	ug/L		65	28 - 120
4-Nitroaniline	80.0	93.0	cn	ug/L		116	57 - 135
4-Nitrophenol	160	64.7	cn	ug/L		40	10 - 120
Acenaphthene	80.0	92.9	cn	ug/L		116	62 - 127
Acenaphthylene	80.0	101	*+ cn	ug/L		127	58 - 122
Acetophenone	80.0	90.0	cn	ug/L		112	65 - 125
Anthracene	80.0	96.2	cn	ug/L		120	67 - 127
Atrazine	40.0	76.7	*+ cn	ug/L		192	13 - 150
Benzaldehyde	40.0	59.9	cn	ug/L		150	10 - 150
Benzo[a]anthracene	80.0	99.0	cn	ug/L		124	71 - 131
Benzo[a]pyrene	80.0	109	cn	ug/L		137	75 - 148
Benzo[b]fluoranthene	80.0	108	cn	ug/L		135	70 - 140
Benzo[g,h,i]perylene	80.0	83.6	cn	ug/L		104	52 - 143
Benzo[k]fluoranthene	80.0	106	cn	ug/L		133	71 - 140
Butyl benzyl phthalate	80.0	107	cn	ug/L		134	67 - 141
Caprolactam	40.0	16.9	cn	ug/L		42	10 - 120
Carbazole	80.0	92.5	cn	ug/L		116	68 - 132
Chrysene	80.0	93.2	cn	ug/L		117	70 - 132
Di-n-butyl phthalate	80.0	107	cn	ug/L		134	71 - 139
Di-n-octyl phthalate	80.0	112	cn	ug/L		140	51 - 150
Dibenz(a,h)anthracene	80.0	81.8	cn	ug/L		102	53 - 150
Dibenzofuran	80.0	91.8	cn	ug/L		115	64 - 125
Diethyl phthalate	80.0	93.5	cn	ug/L		117	67 - 131
Dimethyl phthalate	80.0	97.2	cn	ug/L		121	67 - 129
Fluoranthene	80.0	97.9	cn	ug/L		122	69 - 137
Fluorene	80.0	95.1	cn	ug/L		119	67 - 125
Hexachlorobenzene	80.0	97.6	cn	ug/L		122	62 - 135
Hexachlorobutadiene	80.0	81.9	cn	ug/L		102	10 - 147
Hexachlorocyclopentadiene	80.0	103	cn	ug/L		129	10 - 135
Hexachloroethane	80.0	74.9	cn	ug/L		94	10 - 138
Indeno[1,2,3-cd]pyrene	80.0	83.7	cn	ug/L		105	59 - 150
Isophorone	80.0	97.1	cn	ug/L		121	65 - 128
N-Nitrosodi-n-propylamine	80.0	91.1	cn	ug/L		114	63 - 133
N-Nitrosodiphenylamine	80.0	97.3	cn	ug/L		122	66 - 128
Naphthalene	80.0	86.4	cn	ug/L		108	39 - 126
Nitrobenzene	80.0	97.0	cn	ug/L		121	66 - 127
Pentachlorophenol	160	184	cn	ug/L		115	60 - 140
Phenanthrene	80.0	95.1	cn	ug/L		119	68 - 126
Phenol	80.0	32.9	cn	ug/L		41	10 - 80
Pyrene	80.0	95.9	cn	ug/L		120	60 - 137
Bis(2-chloroethoxy)methane	80.0	94.2	cn	ug/L		118	63 - 122
Bis(2-chloroethyl)ether	80.0	88.1	cn	ug/L		110	61 - 125
Bis(2-ethylhexyl) phthalate	80.0	100	cn	ug/L		125	65 - 144

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

Lab Sample ID: LCS 460-1005521/2-A
Matrix: Water
Analysis Batch: 1005653

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005521

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*106*	*cn*	*37 - 150*
2-Fluorophenol (Surr)	*49*	*cn*	*16 - 80*
Nitrobenzene-d5 (Surr)	*106*	*cn*	*51 - 145*
Phenol-d5 (Surr)	*33*	*cn*	*10 - 56*

Lab Sample ID: LCSD 460-1005521/3-A
Matrix: Water
Analysis Batch: 1005653

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1005521

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	80.0	91.3	cn	ug/L		114	52 - 129	3	30
2,2'-oxybis[1-chloropropane]	80.0	82.9	cn	ug/L		104	47 - 133	1	30
2,4,5-Trichlorophenol	80.0	93.6	cn	ug/L		117	63 - 124	2	30
2,4,6-Trichlorophenol	80.0	94.8	cn	ug/L		119	66 - 131	1	30
2,4-Dichlorophenol	80.0	89.3	cn	ug/L		112	60 - 120	3	30
2,4-Dimethylphenol	80.0	95.9	cn	ug/L		120	37 - 120	1	30
2,4-Dinitrophenol	160	187	cn	ug/L		117	50 - 148	0	30
2,4-Dinitrotoluene	80.0	100	cn	ug/L		126	71 - 142	1	30
2,6-Dinitrotoluene	80.0	104	cn	ug/L		130	71 - 136	0	30
2-Chloronaphthalene	80.0	92.2	cn	ug/L		115	50 - 129	1	30
2-Chlorophenol	80.0	72.3	cn	ug/L		90	49 - 120	2	30
2-Methylnaphthalene	80.0	79.4	cn	ug/L		99	42 - 134	0	30
2-Methylphenol	80.0	60.2	cn	ug/L		75	35 - 120	5	30
2-Nitroaniline	80.0	92.5	cn	ug/L		116	57 - 134	2	30
2-Nitrophenol	80.0	89.8	cn	ug/L		112	62 - 124	1	30
3,3'-Dichlorobenzidine	80.0	99.8	cn	ug/L		125	55 - 145	0	30
3-Nitroaniline	80.0	89.0	cn	ug/L		111	51 - 120	2	30
4,6-Dinitro-2-methylphenol	160	193	cn	ug/L		121	65 - 145	1	30
4-Bromophenyl phenyl ether	80.0	105	cn	ug/L		132	59 - 132	2	30
4-Chloro-3-methylphenol	80.0	79.8	cn	ug/L		100	54 - 120	1	30
4-Chloroaniline	80.0	90.3	cn	ug/L		113	43 - 120	2	30
4-Chlorophenyl phenyl ether	80.0	96.4	cn	ug/L		121	65 - 127	0	30
4-Methylphenol	80.0	51.8	cn	ug/L		65	28 - 120	0	30
4-Nitroaniline	80.0	88.0	cn	ug/L		110	57 - 135	6	30
4-Nitrophenol	160	63.2	cn	ug/L		40	10 - 120	2	30
Acenaphthene	80.0	92.8	cn	ug/L		116	62 - 127	0	30
Acenaphthylene	80.0	102	*+ cn	ug/L		127	58 - 122	0	30
Acetophenone	80.0	88.6	cn	ug/L		111	65 - 125	2	30
Anthracene	80.0	95.5	cn	ug/L		119	67 - 127	1	30
Atrazine	40.0	73.2	*+ cn	ug/L		183	13 - 150	5	30
Benzaldehyde	40.0	58.6	cn	ug/L		147	10 - 150	2	30
Benzo[a]anthracene	80.0	98.0	cn	ug/L		122	71 - 131	1	30
Benzo[a]pyrene	80.0	109	cn	ug/L		137	75 - 148	0	30
Benzo[b]fluoranthene	80.0	106	cn	ug/L		133	70 - 140	1	30
Benzo[g,h,i]perylene	80.0	84.2	cn	ug/L		105	52 - 143	1	30
Benzo[k]fluoranthene	80.0	108	cn	ug/L		135	71 - 140	1	30
Butyl benzyl phthalate	80.0	108	cn	ug/L		135	67 - 141	1	30
Caprolactam	40.0	16.3	cn	ug/L		41	10 - 120	4	30

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

Lab Sample ID: LCSD 460-1005521/3-A
Matrix: Water
Analysis Batch: 1005653

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1005521

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbazole	80.0	91.3	cn	ug/L		114	68 - 132	1	30
Chrysene	80.0	92.5	cn	ug/L		116	70 - 132	1	30
Di-n-butyl phthalate	80.0	104	cn	ug/L		130	71 - 139	3	30
Di-n-octyl phthalate	80.0	111	cn	ug/L		138	51 - 150	1	30
Dibenz(a,h)anthracene	80.0	81.0	cn	ug/L		101	53 - 150	1	30
Dibenzofuran	80.0	90.9	cn	ug/L		114	64 - 125	1	30
Diethyl phthalate	80.0	90.6	cn	ug/L		113	67 - 131	3	30
Dimethyl phthalate	80.0	97.2	cn	ug/L		121	67 - 129	0	30
Fluoranthene	80.0	94.3	cn	ug/L		118	69 - 137	4	30
Fluorene	80.0	93.5	cn	ug/L		117	67 - 125	2	30
Hexachlorobenzene	80.0	101	cn	ug/L		127	62 - 135	4	30
Hexachlorobutadiene	80.0	85.3	cn	ug/L		107	10 - 147	4	30
Hexachlorocyclopentadiene	80.0	108	cn	ug/L		135	10 - 135	4	30
Hexachloroethane	80.0	75.3	cn	ug/L		94	10 - 138	1	30
Indeno[1,2,3-cd]pyrene	80.0	82.1	cn	ug/L		103	59 - 150	2	30
Isophorone	80.0	95.3	cn	ug/L		119	65 - 128	2	30
N-Nitrosodi-n-propylamine	80.0	90.8	cn	ug/L		114	63 - 133	0	30
N-Nitrosodiphenylamine	80.0	97.8	cn	ug/L		122	66 - 128	0	30
Naphthalene	80.0	87.0	cn	ug/L		109	39 - 126	1	30
Nitrobenzene	80.0	93.3	cn	ug/L		117	66 - 127	4	30
Pentachlorophenol	160	181	cn	ug/L		113	60 - 140	2	30
Phenanthrene	80.0	93.0	cn	ug/L		116	68 - 126	2	30
Phenol	80.0	31.7	cn	ug/L		40	10 - 80	4	30
Pyrene	80.0	95.7	cn	ug/L		120	60 - 137	0	30
Bis(2-chloroethoxy)methane	80.0	94.4	cn	ug/L		118	63 - 122	0	30
Bis(2-chloroethyl)ether	80.0	87.8	cn	ug/L		110	61 - 125	0	30
Bis(2-ethylhexyl) phthalate	80.0	99.6	cn	ug/L		125	65 - 144	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*107*	*cn*	*37 - 150*
2-Fluorophenol (Surr)	*48*	*cn*	*16 - 80*
Nitrobenzene-d5 (Surr)	*107*	*cn*	*51 - 145*
Phenol-d5 (Surr)	*32*	*cn*	*10 - 56*

Lab Sample ID: MB 410-565284/1-A
Matrix: Water
Analysis Batch: 570136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 565284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
2,4,5-Trichlorophenol	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
2,4,6-Trichlorophenol	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
2,4-Dichlorophenol	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
2,4-Dimethylphenol	ND		10	3.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
2,4-Dinitrophenol	ND		30	14	ug/L		10/19/24 07:50	10/31/24 19:59	1
2,4-Dinitrotoluene	ND		5.0	1.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
2,6-Dinitrotoluene	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1

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

Lab Sample ID: MB 410-565284/1-A
Matrix: Water
Analysis Batch: 570136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 565284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		1.0	0.40	ug/L		10/19/24 07:50	10/31/24 19:59	1
2-Chlorophenol	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
2-Methylnaphthalene	ND		0.50	0.10	ug/L		10/19/24 07:50	10/31/24 19:59	1
2-Methylphenol	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
2-Nitroaniline	ND		5.0	1.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
2-Nitrophenol	ND		5.0	1.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
3,3'-Dichlorobenzidine	ND		10	4.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
3-Nitroaniline	ND		5.0	2.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
4,6-Dinitro-2-methylphenol	ND		21	8.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
4-Chloro-3-methylphenol	ND		5.0	1.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
4-Chloroaniline	ND		10	4.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
4-Chlorophenyl phenyl ether	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
4-Methylphenol	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
4-Nitroaniline	ND		3.0	0.90	ug/L		10/19/24 07:50	10/31/24 19:59	1
4-Nitrophenol	ND		30	10	ug/L		10/19/24 07:50	10/31/24 19:59	1
Acenaphthene	ND		0.50	0.10	ug/L		10/19/24 07:50	10/31/24 19:59	1
Acenaphthylene	ND		0.50	0.10	ug/L		10/19/24 07:50	10/31/24 19:59	1
Acetophenone	ND		5.0	1.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
Anthracene	ND		0.50	0.10	ug/L		10/19/24 07:50	10/31/24 19:59	1
Atrazine	ND		5.0	1.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
Benzaldehyde	ND		5.0	1.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
Benzo[a]anthracene	ND		0.50	0.10	ug/L		10/19/24 07:50	10/31/24 19:59	1
Benzo[a]pyrene	ND		0.50	0.11	ug/L		10/19/24 07:50	10/31/24 19:59	1
Benzo[b]fluoranthene	ND		0.50	0.10	ug/L		10/19/24 07:50	10/31/24 19:59	1
Benzo[g,h,i]perylene	ND		0.50	0.10	ug/L		10/19/24 07:50	10/31/24 19:59	1
Benzo[k]fluoranthene	ND		0.50	0.10	ug/L		10/19/24 07:50	10/31/24 19:59	1
Bis(2-chloroethoxy)methane	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
Bis(2-chloroethyl)ether	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
Butyl benzyl phthalate	ND		5.0	2.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
Caprolactam	ND		7.0	3.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
Carbazole	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
Chrysene	ND		0.50	0.10	ug/L		10/19/24 07:50	10/31/24 19:59	1
Di-n-butyl phthalate	ND		5.0	2.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
Di-n-octyl phthalate	ND		11	5.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
Dibenz(a,h)anthracene	ND		0.50	0.10	ug/L		10/19/24 07:50	10/31/24 19:59	1
Dibenzofuran	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
Diethyl phthalate	ND		5.0	2.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
Dimethyl phthalate	ND		5.0	2.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
Fluoranthene	ND		0.50	0.10	ug/L		10/19/24 07:50	10/31/24 19:59	1
Fluorene	ND		0.50	0.12	ug/L		10/19/24 07:50	10/31/24 19:59	1
Hexachlorobenzene	ND		0.50	0.11	ug/L		10/19/24 07:50	10/31/24 19:59	1
Hexachlorobutadiene	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
Hexachlorocyclopentadiene	ND		11	5.0	ug/L		10/19/24 07:50	10/31/24 19:59	1
Hexachloroethane	ND		5.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.11	ug/L		10/19/24 07:50	10/31/24 19:59	1
Isophorone	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
N-Nitrosodi-n-propylamine	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1

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

Lab Sample ID: MB 410-565284/1-A
Matrix: Water
Analysis Batch: 570136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 565284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
Naphthalene	ND		0.50	0.26	ug/L		10/19/24 07:50	10/31/24 19:59	1
Nitrobenzene	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
Pentachlorophenol	ND		5.0	2.6	ug/L		10/19/24 07:50	10/31/24 19:59	1
Phenanthrene	ND		0.50	0.11	ug/L		10/19/24 07:50	10/31/24 19:59	1
Phenol	ND		2.0	0.50	ug/L		10/19/24 07:50	10/31/24 19:59	1
Pyrene	ND		0.50	0.10	ug/L		10/19/24 07:50	10/31/24 19:59	1

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*	*10/19/24 07:50*	*10/31/24 19:59*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*69*		*28 - 120*	*10/19/24 07:50*	*10/31/24 19:59*	*1*
2-Fluorophenol (Surr)	*45*		*10 - 120*	*10/19/24 07:50*	*10/31/24 19:59*	*1*
Nitrobenzene-d5 (Surr)	*64*		*18 - 120*	*10/19/24 07:50*	*10/31/24 19:59*	*1*
p-Terphenyl-d14 (Surr)	*86*		*22 - 120*	*10/19/24 07:50*	*10/31/24 19:59*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*16 - 120*	*10/19/24 07:50*	*10/31/24 19:59*	*1*
Phenol-d5 (Surr)	*29*		*10 - 120*	*10/19/24 07:50*	*10/31/24 19:59*	*1*

Lab Sample ID: LCS 410-565284/2-A
Matrix: Water
Analysis Batch: 570136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 565284

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	50.0	41.9		ug/L		84	46 - 127
2,2'-oxybis[1-chloropropane]	50.0	32.9		ug/L		66	31 - 125
2,4,5-Trichlorophenol	50.0	48.2		ug/L		96	55 - 133
2,4,6-Trichlorophenol	50.0	47.6		ug/L		95	54 - 139
2,4-Dichlorophenol	50.0	44.9		ug/L		90	51 - 135
2,4-Dimethylphenol	50.0	45.5		ug/L		91	44 - 121
2,4-Dinitrophenol	100	86.1		ug/L		86	14 - 161
2,4-Dinitrotoluene	50.0	54.7		ug/L		109	54 - 143
2,6-Dinitrotoluene	50.0	53.4		ug/L		107	54 - 139
2-Chloronaphthalene	50.0	42.5		ug/L		85	43 - 126
2-Chlorophenol	50.0	41.7		ug/L		83	41 - 122
2-Methylnaphthalene	50.0	42.2		ug/L		84	44 - 124
2-Methylphenol	50.0	38.6		ug/L		77	39 - 120
2-Nitroaniline	50.0	48.7		ug/L		97	53 - 139
2-Nitrophenol	50.0	47.0		ug/L		94	46 - 142
3,3'-Dichlorobenzidine	100	75.7		ug/L		76	31 - 120
3-Nitroaniline	50.0	42.3		ug/L		85	44 - 125
4,6-Dinitro-2-methylphenol	100	108		ug/L		108	54 - 148
4-Bromophenyl phenyl ether	50.0	51.6		ug/L		103	54 - 129
4-Chloro-3-methylphenol	50.0	44.9		ug/L		90	50 - 122
4-Chloroaniline	50.0	33.4		ug/L		67	33 - 120
4-Chlorophenyl phenyl ether	50.0	42.9		ug/L		86	49 - 125
4-Methylphenol	50.0	35.6		ug/L		71	35 - 120
4-Nitroaniline	50.0	41.4		ug/L		83	47 - 130

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

Lab Sample ID: LCS 410-565284/2-A
Matrix: Water
Analysis Batch: 570136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 565284

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitrophenol	100	54.9		ug/L		55	17 - 120
Acenaphthene	50.0	44.0		ug/L		88	48 - 127
Acenaphthylene	50.0	47.2		ug/L		94	47 - 130
Acetophenone	50.0	39.3		ug/L		79	37 - 131
Anthracene	50.0	53.6		ug/L		107	55 - 134
Atrazine	50.0	57.5		ug/L		115	49 - 139
Benzaldehyde	50.0	38.2		ug/L		76	21 - 133
Benzo[a]anthracene	50.0	54.3		ug/L		109	54 - 134
Benzo[a]pyrene	50.0	55.7		ug/L		111	58 - 135
Benzo[b]fluoranthene	50.0	46.9		ug/L		94	51 - 122
Benzo[g,h,i]perylene	50.0	52.6		ug/L		105	52 - 130
Benzo[k]fluoranthene	50.0	55.5		ug/L		111	57 - 132
Bis(2-chloroethoxy)methane	50.0	42.6		ug/L		85	41 - 129
Bis(2-chloroethyl)ether	50.0	39.0		ug/L		78	34 - 126
Bis(2-ethylhexyl) phthalate	50.0	50.8		ug/L		102	46 - 143
Butyl benzyl phthalate	50.0	46.8		ug/L		94	39 - 136
Caprolactam	50.0	12.5		ug/L		25	10 - 120
Carbazole	50.0	57.7		ug/L		115	52 - 138
Chrysene	50.0	51.4		ug/L		103	56 - 136
Di-n-butyl phthalate	50.0	60.5		ug/L		121	49 - 143
Di-n-octyl phthalate	50.0	54.7		ug/L		109	44 - 147
Dibenz(a,h)anthracene	50.0	52.7		ug/L		105	49 - 129
Dibenzofuran	50.0	46.0		ug/L		92	50 - 128
Diethyl phthalate	50.0	47.0		ug/L		94	46 - 123
Dimethyl phthalate	50.0	40.0		ug/L		80	27 - 123
Fluoranthene	50.0	53.9		ug/L		108	56 - 130
Fluorene	50.0	46.3		ug/L		93	50 - 128
Hexachlorobenzene	50.0	57.1		ug/L		114	50 - 128
Hexachlorobutadiene	50.0	37.6		ug/L		75	20 - 120
Hexachlorocyclopentadiene	50.0	25.3		ug/L		51	10 - 120
Hexachloroethane	50.0	32.0		ug/L		64	21 - 120
Indeno[1,2,3-cd]pyrene	50.0	48.9		ug/L		98	50 - 134
Isophorone	50.0	42.6		ug/L		85	42 - 124
N-Nitrosodi-n-propylamine	50.0	37.6		ug/L		75	34 - 123
N-Nitrosodiphenylamine	42.5	49.3		ug/L		116	52 - 138
Naphthalene	50.0	41.5		ug/L		83	39 - 123
Nitrobenzene	50.0	39.9		ug/L		80	37 - 128
Pentachlorophenol	100	109		ug/L		109	32 - 163
Phenanthrene	50.0	51.0		ug/L		102	55 - 132
Phenol	50.0	24.3		ug/L		49	18 - 120
Pyrene	50.0	51.4		ug/L		103	58 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*74*		*28 - 120*
2-Fluorophenol (Surr)	*52*		*10 - 120*
Nitrobenzene-d5 (Surr)	*69*		*18 - 120*
p-Terphenyl-d14 (Surr)	*96*		*22 - 120*
2,4,6-Tribromophenol (Surr)	*92*		*16 - 120*

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

Lab Sample ID: LCS 410-565284/2-A
Matrix: Water
Analysis Batch: 570136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 565284

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Phenol-d5 (Surr)	*35*		*10 - 120*

Lab Sample ID: LCSD 410-565284/3-A
Matrix: Water
Analysis Batch: 570136

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 565284

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	50.0	46.2		ug/L		92	46 - 127	10	30
2,2'-oxybis[1-chloropropane]	50.0	37.8		ug/L		76	31 - 125	14	30
2,4,5-Trichlorophenol	50.0	49.6		ug/L		99	55 - 133	3	30
2,4,6-Trichlorophenol	50.0	50.8		ug/L		102	54 - 139	6	30
2,4-Dichlorophenol	50.0	50.7		ug/L		101	51 - 135	12	30
2,4-Dimethylphenol	50.0	49.7		ug/L		99	44 - 121	9	30
2,4-Dinitrophenol	100	80.9		ug/L		81	14 - 161	6	30
2,4-Dinitrotoluene	50.0	52.2		ug/L		104	54 - 143	5	30
2,6-Dinitrotoluene	50.0	53.2		ug/L		106	54 - 139	0	30
2-Chloronaphthalene	50.0	46.6		ug/L		93	43 - 126	9	30
2-Chlorophenol	50.0	46.9		ug/L		94	41 - 122	12	30
2-Methylnaphthalene	50.0	47.0		ug/L		94	44 - 124	11	30
2-Methylphenol	50.0	44.3		ug/L		89	39 - 120	14	30
2-Nitroaniline	50.0	48.9		ug/L		98	53 - 139	0	30
2-Nitrophenol	50.0	53.1		ug/L		106	46 - 142	12	30
3,3'-Dichlorobenzidine	100	64.9		ug/L		65	31 - 120	15	30
3-Nitroaniline	50.0	38.7		ug/L		77	44 - 125	9	30
4,6-Dinitro-2-methylphenol	100	106		ug/L		106	54 - 148	2	30
4-Bromophenyl phenyl ether	50.0	53.7		ug/L		107	54 - 129	4	30
4-Chloro-3-methylphenol	50.0	47.1		ug/L		94	50 - 122	5	30
4-Chloroaniline	50.0	31.1		ug/L		62	33 - 120	7	30
4-Chlorophenyl phenyl ether	50.0	44.2		ug/L		88	49 - 125	3	30
4-Methylphenol	50.0	40.8		ug/L		82	35 - 120	14	30
4-Nitroaniline	50.0	38.0		ug/L		76	47 - 130	8	30
4-Nitrophenol	100	54.3		ug/L		54	17 - 120	1	30
Acenaphthene	50.0	46.0		ug/L		92	48 - 127	4	30
Acenaphthylene	50.0	50.6		ug/L		101	47 - 130	7	30
Acetophenone	50.0	43.5		ug/L		87	37 - 131	10	30
Anthracene	50.0	54.3		ug/L		109	55 - 134	1	30
Atrazine	50.0	56.2		ug/L		112	49 - 139	2	30
Benzaldehyde	50.0	41.8		ug/L		84	21 - 133	9	30
Benzo[a]anthracene	50.0	50.9		ug/L		102	54 - 134	6	30
Benzo[a]pyrene	50.0	55.2		ug/L		110	58 - 135	1	30
Benzo[b]fluoranthene	50.0	48.8		ug/L		98	51 - 122	4	30
Benzo[g,h,i]perylene	50.0	53.2		ug/L		106	52 - 130	1	30
Benzo[k]fluoranthene	50.0	56.6		ug/L		113	57 - 132	2	30
Bis(2-chloroethoxy)methane	50.0	47.4		ug/L		95	41 - 129	11	30
Bis(2-chloroethyl)ether	50.0	43.4		ug/L		87	34 - 126	11	30
Bis(2-ethylhexyl) phthalate	50.0	46.8		ug/L		94	46 - 143	8	30
Butyl benzyl phthalate	50.0	42.3		ug/L		85	39 - 136	10	30
Caprolactam	50.0	14.6		ug/L		29	10 - 120	16	30

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

Lab Sample ID: LCSD 410-565284/3-A
Matrix: Water
Analysis Batch: 570136

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 565284

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbazole	50.0	55.5		ug/L		111	52 - 138	4	30
Chrysene	50.0	48.3		ug/L		97	56 - 136	6	30
Di-n-butyl phthalate	50.0	58.1		ug/L		116	49 - 143	4	30
Di-n-octyl phthalate	50.0	53.5		ug/L		107	44 - 147	2	30
Dibenz(a,h)anthracene	50.0	52.8		ug/L		106	49 - 129	0	30
Dibenzofuran	50.0	47.6		ug/L		95	50 - 128	3	30
Diethyl phthalate	50.0	44.9		ug/L		90	46 - 123	5	30
Dimethyl phthalate	50.0	37.6		ug/L		75	27 - 123	6	30
Fluoranthene	50.0	50.7		ug/L		101	56 - 130	6	30
Fluorene	50.0	47.0		ug/L		94	50 - 128	1	30
Hexachlorobenzene	50.0	59.6		ug/L		119	50 - 128	4	30
Hexachlorobutadiene	50.0	42.8		ug/L		86	20 - 120	13	30
Hexachlorocyclopentadiene	50.0	28.2		ug/L		56	10 - 120	11	30
Hexachloroethane	50.0	36.4		ug/L		73	21 - 120	13	30
Indeno[1,2,3-cd]pyrene	50.0	49.3		ug/L		99	50 - 134	1	30
Isophorone	50.0	47.3		ug/L		95	42 - 124	10	30
N-Nitrosodi-n-propylamine	50.0	42.2		ug/L		84	34 - 123	11	30
N-Nitrosodiphenylamine	42.5	50.5		ug/L		119	52 - 138	2	30
Naphthalene	50.0	47.0		ug/L		94	39 - 123	12	30
Nitrobenzene	50.0	45.0		ug/L		90	37 - 128	12	30
Pentachlorophenol	100	109		ug/L		109	32 - 163	0	30
Phenanthrene	50.0	52.1		ug/L		104	55 - 132	2	30
Phenol	50.0	28.4		ug/L		57	18 - 120	16	30
Pyrene	50.0	51.7		ug/L		103	58 - 131	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*81*		*28 - 120*
2-Fluorophenol (Surr)	*61*		*10 - 120*
Nitrobenzene-d5 (Surr)	*76*		*18 - 120*
p-Terphenyl-d14 (Surr)	*94*		*22 - 120*
2,4,6-Tribromophenol (Surr)	*87*		*16 - 120*
Phenol-d5 (Surr)	*43*		*10 - 120*

Lab Sample ID: MB 410-566462/1-A
Matrix: Water
Analysis Batch: 566985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 566462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
2,4,5-Trichlorophenol	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
2,4,6-Trichlorophenol	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
2,4-Dichlorophenol	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
2,4-Dimethylphenol	ND		10	3.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
2,4-Dinitrophenol	ND		30	14	ug/L		10/22/24 15:21	10/23/24 23:10	1
2,4-Dinitrotoluene	ND		5.0	1.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
2,6-Dinitrotoluene	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
2-Chloronaphthalene	ND		1.0	0.40	ug/L		10/22/24 15:21	10/23/24 23:10	1

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

Lab Sample ID: MB 410-566462/1-A
Matrix: Water
Analysis Batch: 566985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 566462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
2-Methylnaphthalene	ND		0.50	0.10	ug/L		10/22/24 15:21	10/23/24 23:10	1
2-Methylphenol	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
2-Nitroaniline	ND		5.0	1.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
2-Nitrophenol	ND		5.0	1.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
3,3'-Dichlorobenzidine	ND		10	4.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
3-Nitroaniline	ND		5.0	2.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
4,6-Dinitro-2-methylphenol	ND		21	8.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
4-Chloro-3-methylphenol	ND		5.0	1.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
4-Chloroaniline	ND		10	4.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
4-Chlorophenyl phenyl ether	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
4-Methylphenol	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
4-Nitroaniline	ND		3.0	0.90	ug/L		10/22/24 15:21	10/23/24 23:10	1
4-Nitrophenol	ND		30	10	ug/L		10/22/24 15:21	10/23/24 23:10	1
Acenaphthene	ND		0.50	0.10	ug/L		10/22/24 15:21	10/23/24 23:10	1
Acenaphthylene	ND		0.50	0.10	ug/L		10/22/24 15:21	10/23/24 23:10	1
Acetophenone	ND		5.0	1.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
Anthracene	ND		0.50	0.10	ug/L		10/22/24 15:21	10/23/24 23:10	1
Atrazine	ND		5.0	1.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
Benzaldehyde	ND		5.0	1.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
Benzo[a]anthracene	ND		0.50	0.10	ug/L		10/22/24 15:21	10/23/24 23:10	1
Benzo[a]pyrene	ND		0.50	0.11	ug/L		10/22/24 15:21	10/23/24 23:10	1
Benzo[b]fluoranthene	ND		0.50	0.10	ug/L		10/22/24 15:21	10/23/24 23:10	1
Benzo[g,h,i]perylene	ND		0.50	0.10	ug/L		10/22/24 15:21	10/23/24 23:10	1
Benzo[k]fluoranthene	ND		0.50	0.10	ug/L		10/22/24 15:21	10/23/24 23:10	1
Bis(2-chloroethoxy)methane	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
Bis(2-chloroethyl)ether	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
Butyl benzyl phthalate	ND		5.0	2.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
Caprolactam	ND		7.0	3.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
Carbazole	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
Chrysene	ND		0.50	0.10	ug/L		10/22/24 15:21	10/23/24 23:10	1
Di-n-butyl phthalate	ND		5.0	2.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
Di-n-octyl phthalate	ND		11	5.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
Dibenz(a,h)anthracene	ND		0.50	0.10	ug/L		10/22/24 15:21	10/23/24 23:10	1
Dibenzofuran	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
Diethyl phthalate	ND		5.0	2.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
Dimethyl phthalate	ND		5.0	2.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
Fluoranthene	ND		0.50	0.10	ug/L		10/22/24 15:21	10/23/24 23:10	1
Fluorene	ND		0.50	0.12	ug/L		10/22/24 15:21	10/23/24 23:10	1
Hexachlorobenzene	ND		0.50	0.11	ug/L		10/22/24 15:21	10/23/24 23:10	1
Hexachlorobutadiene	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
Hexachlorocyclopentadiene	ND		11	5.0	ug/L		10/22/24 15:21	10/23/24 23:10	1
Hexachloroethane	ND		5.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.11	ug/L		10/22/24 15:21	10/23/24 23:10	1
Isophorone	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
N-Nitrosodi-n-propylamine	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
N-Nitrosodiphenylamine	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1

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

Lab Sample ID: MB 410-566462/1-A
Matrix: Water
Analysis Batch: 566985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 566462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.50	0.26	ug/L		10/22/24 15:21	10/23/24 23:10	1
Nitrobenzene	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
Pentachlorophenol	ND		5.0	2.6	ug/L		10/22/24 15:21	10/23/24 23:10	1
Phenanthrene	ND		0.50	0.11	ug/L		10/22/24 15:21	10/23/24 23:10	1
Phenol	ND		2.0	0.50	ug/L		10/22/24 15:21	10/23/24 23:10	1
Pyrene	ND		0.50	0.10	ug/L		10/22/24 15:21	10/23/24 23:10	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*11.2*	*T J*	*ug/L*		*3.20*	*N/A*	*10/22/24 15:21*	*10/23/24 23:10*	*1*
Unknown	*30.8*	*T J*	*ug/L*		*3.52*	*N/A*	*10/22/24 15:21*	*10/23/24 23:10*	*1*
Unknown	*11.6*	*T J*	*ug/L*		*3.64*	*N/A*	*10/22/24 15:21*	*10/23/24 23:10*	*1*
Unknown	*6.18*	*T J*	*ug/L*		*3.76*	*N/A*	*10/22/24 15:21*	*10/23/24 23:10*	*1*
Unknown	*18.3*	*T J*	*ug/L*		*3.78*	*N/A*	*10/22/24 15:21*	*10/23/24 23:10*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*62*		*28 - 120*	*10/22/24 15:21*	*10/23/24 23:10*	*1*
2-Fluorophenol (Surr)	*34*		*10 - 120*	*10/22/24 15:21*	*10/23/24 23:10*	*1*
Nitrobenzene-d5 (Surr)	*56*		*18 - 120*	*10/22/24 15:21*	*10/23/24 23:10*	*1*
p-Terphenyl-d14 (Surr)	*73*		*22 - 120*	*10/22/24 15:21*	*10/23/24 23:10*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*16 - 120*	*10/22/24 15:21*	*10/23/24 23:10*	*1*
Phenol-d5 (Surr)	*25*		*10 - 120*	*10/22/24 15:21*	*10/23/24 23:10*	*1*

Lab Sample ID: LCS 410-566462/2-A
Matrix: Water
Analysis Batch: 566985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 566462

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	50.0	42.4		ug/L		85	46 - 127
2,2'-oxybis[1-chloropropane]	50.0	36.7		ug/L		73	31 - 125
2,4,5-Trichlorophenol	50.0	49.6		ug/L		99	55 - 133
2,4,6-Trichlorophenol	50.0	46.6		ug/L		93	54 - 139
2,4-Dichlorophenol	50.0	44.9		ug/L		90	51 - 135
2,4-Dimethylphenol	50.0	40.3		ug/L		81	44 - 121
2,4-Dinitrophenol	100	166	E *+	ug/L		166	14 - 161
2,4-Dinitrotoluene	50.0	55.6		ug/L		111	54 - 143
2,6-Dinitrotoluene	50.0	54.5		ug/L		109	54 - 139
2-Chloronaphthalene	50.0	40.2		ug/L		80	43 - 126
2-Chlorophenol	50.0	41.4		ug/L		83	41 - 122
2-Methylnaphthalene	50.0	39.6		ug/L		79	44 - 124
2-Methylphenol	50.0	39.1		ug/L		78	39 - 120
2-Nitroaniline	50.0	55.7		ug/L		111	53 - 139
2-Nitrophenol	50.0	49.6		ug/L		99	46 - 142
3,3'-Dichlorobenzidine	100	70.1		ug/L		70	31 - 120
3-Nitroaniline	50.0	49.7		ug/L		99	44 - 125
4,6-Dinitro-2-methylphenol	100	130		ug/L		130	54 - 148
4-Bromophenyl phenyl ether	50.0	45.2		ug/L		90	54 - 129
4-Chloro-3-methylphenol	50.0	40.7		ug/L		81	50 - 122
4-Chloroaniline	50.0	31.8		ug/L		64	33 - 120

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

Lab Sample ID: LCS 410-566462/2-A
Matrix: Water
Analysis Batch: 566985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 566462

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chlorophenyl phenyl ether	50.0	42.5		ug/L		85	49 - 125
4-Methylphenol	50.0	38.0		ug/L		76	35 - 120
4-Nitroaniline	50.0	53.2		ug/L		106	47 - 130
4-Nitrophenol	100	71.6		ug/L		72	17 - 120
Acenaphthene	50.0	43.4		ug/L		87	48 - 127
Acenaphthylene	50.0	42.7		ug/L		85	47 - 130
Acetophenone	50.0	41.0		ug/L		82	37 - 131
Anthracene	50.0	46.9		ug/L		94	55 - 134
Atrazine	50.0	44.6		ug/L		89	49 - 139
Benzaldehyde	50.0	37.1		ug/L		74	21 - 133
Benzo[a]anthracene	50.0	47.0		ug/L		94	54 - 134
Benzo[a]pyrene	50.0	48.9		ug/L		98	58 - 135
Benzo[b]fluoranthene	50.0	44.9		ug/L		90	51 - 122
Benzo[g,h,i]perylene	50.0	48.5		ug/L		97	52 - 130
Benzo[k]fluoranthene	50.0	55.7		ug/L		111	57 - 132
Bis(2-chloroethoxy)methane	50.0	41.2		ug/L		82	41 - 129
Bis(2-chloroethyl)ether	50.0	39.3		ug/L		79	34 - 126
Bis(2-ethylhexyl) phthalate	50.0	43.1		ug/L		86	46 - 143
Butyl benzyl phthalate	50.0	39.6		ug/L		79	39 - 136
Caprolactam	50.0	11.7		ug/L		23	10 - 120
Carbazole	50.0	46.4		ug/L		93	52 - 138
Chrysene	50.0	50.8		ug/L		102	56 - 136
Di-n-butyl phthalate	50.0	42.1		ug/L		84	49 - 143
Di-n-octyl phthalate	50.0	43.2		ug/L		86	44 - 147
Dibenz(a,h)anthracene	50.0	46.5		ug/L		93	49 - 129
Dibenzofuran	50.0	44.8		ug/L		90	50 - 128
Diethyl phthalate	50.0	42.6		ug/L		85	46 - 123
Dimethyl phthalate	50.0	34.3		ug/L		69	27 - 123
Fluoranthene	50.0	46.1		ug/L		92	56 - 130
Fluorene	50.0	45.4		ug/L		91	50 - 128
Hexachlorobenzene	50.0	45.2		ug/L		90	50 - 128
Hexachlorobutadiene	50.0	32.9		ug/L		66	20 - 120
Hexachlorocyclopentadiene	50.0	23.3		ug/L		47	10 - 120
Hexachloroethane	50.0	31.6		ug/L		63	21 - 120
Indeno[1,2,3-cd]pyrene	50.0	41.6		ug/L		83	50 - 134
Isophorone	50.0	37.2		ug/L		74	42 - 124
N-Nitrosodi-n-propylamine	50.0	38.4		ug/L		77	34 - 123
N-Nitrosodiphenylamine	42.5	40.4		ug/L		95	52 - 138
Naphthalene	50.0	40.1		ug/L		80	39 - 123
Nitrobenzene	50.0	39.4		ug/L		79	37 - 128
Pentachlorophenol	100	112		ug/L		112	32 - 163
Phenanthrene	50.0	47.0		ug/L		94	55 - 132
Phenol	50.0	23.9		ug/L		48	18 - 120
Pyrene	50.0	47.9		ug/L		96	58 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*79*		*28 - 120*
2-Fluorophenol (Surr)	*51*		*10 - 120*

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

Lab Sample ID: LCS 410-566462/2-A
Matrix: Water
Analysis Batch: 566985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 566462

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*71*		*18 - 120*
p-Terphenyl-d14 (Surr)	*87*		*22 - 120*
2,4,6-Tribromophenol (Surr)	*97*		*16 - 120*
Phenol-d5 (Surr)	*41*		*10 - 120*

Lab Sample ID: MB 410-567544/1-A
Matrix: Solid
Analysis Batch: 567873

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 567544

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		17	3.3	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Acenaphthylene	ND		17	4.0	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Anthracene	ND		17	3.3	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Benzo[a]anthracene	ND		17	3.3	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Chrysene	ND		17	3.3	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Fluoranthene	ND		17	3.3	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Fluorene	ND		17	3.3	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Indeno[1,2,3-cd]pyrene	ND		17	4.0	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Naphthalene	9.24	J	17	6.7	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Phenanthrene	ND		17	4.0	ug/Kg		10/24/24 16:30	10/25/24 12:11	1
Pyrene	ND		17	3.3	ug/Kg		10/24/24 16:30	10/25/24 12:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*60*		*29 - 120*	*10/24/24 16:30*	*10/25/24 12:11*	*1*
Nitrobenzene-d5 (Surr)	*70*		*22 - 120*	*10/24/24 16:30*	*10/25/24 12:11*	*1*
p-Terphenyl-d14 (Surr)	*81*		*36 - 123*	*10/24/24 16:30*	*10/25/24 12:11*	*1*

Lab Sample ID: LCS 410-567544/2-A
Matrix: Solid
Analysis Batch: 567873

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 567544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1670	1070		ug/Kg		64	61 - 120
Acenaphthylene	1670	1110		ug/Kg		66	60 - 120
Anthracene	1670	1410		ug/Kg		85	69 - 120
Benzo[a]anthracene	1670	1460		ug/Kg		88	68 - 120
Benzo[a]pyrene	1670	1570		ug/Kg		94	71 - 120
Benzo[b]fluoranthene	1670	1480		ug/Kg		89	66 - 120
Benzo[g,h,i]perylene	1670	1620		ug/Kg		97	69 - 120
Benzo[k]fluoranthene	1670	1400		ug/Kg		84	63 - 120
Chrysene	1670	1420		ug/Kg		85	67 - 120
Dibenz(a,h)anthracene	1670	1580		ug/Kg		95	70 - 123
Fluoranthene	1670	1450		ug/Kg		87	67 - 120

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

Lab Sample ID: LCS 410-567544/2-A
Matrix: Solid
Analysis Batch: 567873

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 567544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluorene	1670	1270		ug/Kg		76	63 - 120
Indeno[1,2,3-cd]pyrene	1670	1610		ug/Kg		97	67 - 122
Naphthalene	1670	951		ug/Kg		57	56 - 120
Phenanthrene	1670	1360		ug/Kg		82	63 - 120
Pyrene	1670	1390		ug/Kg		83	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*55*		*29 - 120*
Nitrobenzene-d5 (Surr)	*59*		*22 - 120*
p-Terphenyl-d14 (Surr)	*84*		*36 - 123*

Lab Sample ID: MB 410-567882/1-A
Matrix: Solid
Analysis Batch: 573834

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 567882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2,2'-oxybis[1-chloropropane]	ND		43	20	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2,4,5-Trichlorophenol	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2,4,6-Trichlorophenol	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2,4-Dichlorophenol	ND		43	20	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2,4-Dimethylphenol	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2,4-Dinitrophenol	ND		1000	420	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2,4-Dinitrotoluene	ND		170	33	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2,6-Dinitrotoluene	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2-Chloronaphthalene	ND		33	13	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2-Chlorophenol	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2-Methylnaphthalene	ND		17	5.0	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2-Methylphenol	ND		50	20	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2-Nitroaniline	ND		50	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
2-Nitrophenol	ND		50	20	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
3,3'-Dichlorobenzidine	ND		330	170	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
3-Nitroaniline	ND		170	33	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
4,6-Dinitro-2-methylphenol	ND		500	170	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
4-Bromophenyl phenyl ether	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
4-Chloro-3-methylphenol	ND		50	20	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
4-Chloroaniline	ND		170	33	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
4-Chlorophenyl phenyl ether	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
4-Methylphenol	ND		50	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
4-Nitroaniline	ND		170	33	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
4-Nitrophenol	ND		500	170	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Acenaphthene	ND		17	3.3	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Acenaphthylene	ND		17	4.0	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Acetophenone	ND		50	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Anthracene	ND		17	3.3	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Atrazine	ND		170	67	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Benzaldehyde	ND		170	33	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Benzo[a]anthracene	ND		17	3.3	ug/Kg		10/25/24 11:30	11/12/24 00:30	1

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

Lab Sample ID: MB 410-567882/1-A
Matrix: Solid
Analysis Batch: 573834

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 567882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		17	3.3	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Bis(2-chloroethoxy)methane	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Bis(2-chloroethyl)ether	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Butyl benzyl phthalate	ND		170	67	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Caprolactam	ND		170	33	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Carbazole	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Chrysene	ND		17	3.3	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Di-n-butyl phthalate	ND		170	67	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Di-n-octyl phthalate	ND		170	67	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Dibenzofuran	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Diethyl phthalate	ND		170	67	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Dimethyl phthalate	ND		170	67	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Fluoranthene	ND		17	3.3	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Fluorene	ND		17	3.3	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Hexachlorobenzene	ND		33	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Hexachlorobutadiene	ND		50	20	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Hexachlorocyclopentadiene	ND		500	170	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Hexachloroethane	ND		170	33	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Indeno[1,2,3-cd]pyrene	ND		17	4.0	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Isophorone	ND		67	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
N-Nitrosodi-n-propylamine	ND		67	33	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
N-Nitrosodiphenylamine	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Naphthalene	ND		17	6.7	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Nitrobenzene	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Pentachlorophenol	ND		170	67	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Phenanthrene	ND		17	4.0	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Phenol	ND		37	17	ug/Kg		10/25/24 11:30	11/12/24 00:30	1
Pyrene	ND		17	3.3	ug/Kg		10/25/24 11:30	11/12/24 00:30	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*10800*	*T J*	*ug/Kg*		*1.42*	*N/A*	*10/25/24 11:30*	*11/12/24 00:30*	*1*
Unknown	*392*	*T J*	*ug/Kg*		*3.71*	*N/A*	*10/25/24 11:30*	*11/12/24 00:30*	*1*
Unknown	*190*	*T J*	*ug/Kg*		*4.51*	*N/A*	*10/25/24 11:30*	*11/12/24 00:30*	*1*
Cyclohexane, 1-methyl-2-propyl-	*135*	*T J N*	*ug/Kg*		*4.78*	*4291-79-6*	*10/25/24 11:30*	*11/12/24 00:30*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*29 - 120*	*10/25/24 11:30*	*11/12/24 00:30*	*1*
2-Fluorophenol (Surr)	*79*		*18 - 120*	*10/25/24 11:30*	*11/12/24 00:30*	*1*
Nitrobenzene-d5 (Surr)	*76*		*22 - 120*	*10/25/24 11:30*	*11/12/24 00:30*	*1*
p-Terphenyl-d14 (Surr)	*86*		*36 - 123*	*10/25/24 11:30*	*11/12/24 00:30*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*13 - 127*	*10/25/24 11:30*	*11/12/24 00:30*	*1*
Phenol-d5 (Surr)	*78*		*20 - 120*	*10/25/24 11:30*	*11/12/24 00:30*	*1*

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

Lab Sample ID: LCS 410-567882/2-A
Matrix: Solid
Analysis Batch: 573834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 567882

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1670	1490		ug/Kg		90	59 - 120
2,2'-oxybis[1-chloropropane]	1670	1390		ug/Kg		84	42 - 120
2,4,5-Trichlorophenol	1670	1560		ug/Kg		93	63 - 120
2,4,6-Trichlorophenol	1670	1610		ug/Kg		97	65 - 120
2,4-Dichlorophenol	1670	1550		ug/Kg		93	64 - 120
2,4-Dimethylphenol	1670	1530		ug/Kg		92	56 - 120
2,4-Dinitrophenol	3330	2950		ug/Kg		89	34 - 136
2,4-Dinitrotoluene	1670	1540		ug/Kg		92	65 - 120
2,6-Dinitrotoluene	1670	1590		ug/Kg		95	67 - 120
2-Chloronaphthalene	1670	1430		ug/Kg		86	63 - 120
2-Chlorophenol	1670	1360		ug/Kg		82	55 - 120
2-Methylnaphthalene	1670	1470		ug/Kg		88	61 - 120
2-Methylphenol	1670	1480		ug/Kg		89	59 - 120
2-Nitroaniline	1670	1500		ug/Kg		90	62 - 124
2-Nitrophenol	1670	1460		ug/Kg		88	60 - 120
3,3'-Dichlorobenzidine	3330	1910		ug/Kg		57	28 - 120
3-Nitroaniline	1670	964		ug/Kg		58	34 - 120
4,6-Dinitro-2-methylphenol	3330	3390		ug/Kg		102	55 - 131
4-Bromophenyl phenyl ether	1670	1620		ug/Kg		97	66 - 120
4-Chloro-3-methylphenol	1670	1530		ug/Kg		92	59 - 120
4-Chloroaniline	1670	934		ug/Kg		56	27 - 120
4-Chlorophenyl phenyl ether	1670	1530		ug/Kg		92	64 - 120
4-Methylphenol	1670	1290		ug/Kg		77	52 - 120
4-Nitroaniline	1670	1310		ug/Kg		78	60 - 120
4-Nitrophenol	3330	2440		ug/Kg		73	51 - 120
Acenaphthene	1670	1450		ug/Kg		87	61 - 120
Acenaphthylene	1670	1480		ug/Kg		89	60 - 120
Acetophenone	1670	1350		ug/Kg		81	52 - 120
Anthracene	1670	1530		ug/Kg		92	69 - 120
Atrazine	1670	1650		ug/Kg		99	59 - 140
Benzaldehyde	1670	845		ug/Kg		51	41 - 120
Benzo[a]anthracene	1670	1480		ug/Kg		89	68 - 120
Benzo[a]pyrene	1670	1650		ug/Kg		99	71 - 120
Benzo[b]fluoranthene	1670	1570		ug/Kg		94	66 - 120
Benzo[g,h,i]perylene	1670	1450		ug/Kg		87	69 - 120
Benzo[k]fluoranthene	1670	1750		ug/Kg		105	63 - 120
Bis(2-chloroethoxy)methane	1670	1480		ug/Kg		89	53 - 120
Bis(2-chloroethyl)ether	1670	1360		ug/Kg		82	52 - 120
Bis(2-ethylhexyl) phthalate	1670	1630		ug/Kg		98	57 - 127
Butyl benzyl phthalate	1670	1600		ug/Kg		96	57 - 122
Caprolactam	1670	1540		ug/Kg		92	50 - 120
Carbazole	1670	1530		ug/Kg		92	65 - 120
Chrysene	1670	1470		ug/Kg		88	67 - 120
Di-n-butyl phthalate	1670	1670		ug/Kg		100	67 - 128
Di-n-octyl phthalate	1670	2030		ug/Kg		122	58 - 136
Dibenz(a,h)anthracene	1670	1470		ug/Kg		88	70 - 123
Dibenzofuran	1670	1510		ug/Kg		91	62 - 120
Diethyl phthalate	1670	1530		ug/Kg		92	62 - 120

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

Lab Sample ID: LCS 410-567882/2-A
Matrix: Solid
Analysis Batch: 573834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 567882

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethyl phthalate	1670	1580		ug/Kg		95	61 - 120
Fluoranthene	1670	1590		ug/Kg		95	67 - 120
Fluorene	1670	1520		ug/Kg		91	63 - 120
Hexachlorobenzene	1670	1700		ug/Kg		102	64 - 120
Hexachlorobutadiene	1670	1450		ug/Kg		87	52 - 120
Hexachlorocyclopentadiene	1670	1280		ug/Kg		77	30 - 143
Hexachloroethane	1670	1240		ug/Kg		74	48 - 120
Indeno[1,2,3-cd]pyrene	1670	1490		ug/Kg		89	67 - 122
Isophorone	1670	1460		ug/Kg		88	54 - 120
N-Nitrosodi-n-propylamine	1670	1380		ug/Kg		83	51 - 120
N-Nitrosodiphenylamine	1420	1370		ug/Kg		97	66 - 120
Naphthalene	1670	1430		ug/Kg		86	56 - 120
Nitrobenzene	1670	1420		ug/Kg		85	50 - 120
Pentachlorophenol	3330	2790		ug/Kg		84	46 - 134
Phenanthrene	1670	1560		ug/Kg		93	63 - 120
Phenol	1670	1280		ug/Kg		77	49 - 120
Pyrene	1670	1540		ug/Kg		93	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*87*		*29 - 120*
2-Fluorophenol (Surr)	*83*		*18 - 120*
Nitrobenzene-d5 (Surr)	*81*		*22 - 120*
p-Terphenyl-d14 (Surr)	*93*		*36 - 123*
2,4,6-Tribromophenol (Surr)	*99*		*13 - 127*
Phenol-d5 (Surr)	*81*		*20 - 120*

Lab Sample ID: 410-192708-15 MS
Matrix: Solid
Analysis Batch: 573834

Client Sample ID: SB-100_4-5 MS
Prep Type: Total/NA
Prep Batch: 567882

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND	cn	1950	1590		ug/Kg	☼	81	63 - 120
2,2'-oxybis[1-chloropropane]	ND	cn	1950	1510		ug/Kg	☼	77	22 - 125
2,4,5-Trichlorophenol	ND	cn	1950	1640		ug/Kg	☼	84	63 - 120
2,4,6-Trichlorophenol	ND	cn	1950	1690		ug/Kg	☼	87	58 - 124
2,4-Dichlorophenol	ND	cn	1950	1570		ug/Kg	☼	81	64 - 120
2,4-Dimethylphenol	ND	cn	1950	1430		ug/Kg	☼	73	63 - 120
2,4-Dinitrophenol	ND	F1 cn	3900	ND	F1	ug/Kg	☼	0	36 - 130
2,4-Dinitrotoluene	ND	cn	1950	1460		ug/Kg	☼	75	65 - 120
2,6-Dinitrotoluene	ND	cn	1950	1610		ug/Kg	☼	82	67 - 120
2-Chloronaphthalene	ND	cn	1950	1510		ug/Kg	☼	78	63 - 120
2-Chlorophenol	ND	cn	1950	1470		ug/Kg	☼	75	61 - 120
2-Methylnaphthalene	ND	cn	1950	1500		ug/Kg	☼	77	61 - 120
2-Methylphenol	ND	cn	1950	1460		ug/Kg	☼	75	59 - 120
2-Nitroaniline	ND	cn	1950	1550		ug/Kg	☼	80	67 - 120
2-Nitrophenol	ND	cn	1950	1380		ug/Kg	☼	71	60 - 120
3,3'-Dichlorobenzidine	ND	cn	3900	2560		ug/Kg	☼	66	23 - 120
3-Nitroaniline	ND	cn	1950	1370		ug/Kg	☼	70	34 - 120

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

Lab Sample ID: 410-192708-15 MS
Matrix: Solid
Analysis Batch: 573834

Client Sample ID: SB-100_4-5 MS
Prep Type: Total/NA
Prep Batch: 567882

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	ND	F1 cn	3900	1810	J F1	ug/Kg	☼	46	55 - 131
4-Bromophenyl phenyl ether	ND	cn	1950	1860		ug/Kg	☼	95	66 - 120
4-Chloro-3-methylphenol	ND	cn	1950	1470		ug/Kg	☼	76	59 - 120
4-Chloroaniline	ND	cn	1950	1150		ug/Kg	☼	59	17 - 120
4-Chlorophenyl phenyl ether	ND	cn	1950	1590		ug/Kg	☼	81	65 - 120
4-Methylphenol	ND	cn	1950	1300		ug/Kg	☼	66	59 - 120
4-Nitroaniline	ND	cn	1950	1290		ug/Kg	☼	66	60 - 120
4-Nitrophenol	ND	cn	3900	2460	J	ug/Kg	☼	63	41 - 130
Acenaphthene	35	J cn	1950	1520		ug/Kg	☼	76	65 - 120
Acenaphthylene	ND	cn	1950	1500		ug/Kg	☼	77	66 - 120
Acetophenone	ND	cn	1950	1380		ug/Kg	☼	71	56 - 120
Anthracene	180	cn	1950	1560		ug/Kg	☼	71	69 - 120
Atrazine	ND	cn	1950	1730		ug/Kg	☼	89	59 - 140
Benzaldehyde	ND	cn	1950	1010		ug/Kg	☼	52	35 - 120
Benzo[a]anthracene	530	F1 cn	1950	1630	F1	ug/Kg	☼	56	68 - 120
Benzo[a]pyrene	650	F1 cn	1950	1660	F1	ug/Kg	☼	52	71 - 120
Benzo[b]fluoranthene	730	F1 cn	1950	1550	F1	ug/Kg	☼	42	66 - 120
Benzo[g,h,i]perylene	380	F1 cn	1950	1370	F1	ug/Kg	☼	51	69 - 120
Benzo[k]fluoranthene	230	cn	1950	1650		ug/Kg	☼	73	68 - 120
Bis(2-chloroethoxy)methane	ND	cn	1950	1530		ug/Kg	☼	79	53 - 120
Bis(2-chloroethyl)ether	ND	cn	1950	1450		ug/Kg	☼	74	52 - 120
Bis(2-ethylhexyl) phthalate	ND	cn	1950	1660		ug/Kg	☼	85	65 - 122
Butyl benzyl phthalate	ND	cn	1950	1540		ug/Kg	☼	79	64 - 120
Caprolactam	ND	cn	1950	1490		ug/Kg	☼	77	50 - 120
Carbazole	ND	cn	1950	1520		ug/Kg	☼	78	69 - 120
Chrysene	550	F1 cn	1950	1650	F1	ug/Kg	☼	56	67 - 120
Di-n-butyl phthalate	ND	cn	1950	1680		ug/Kg	☼	86	67 - 128
Di-n-octyl phthalate	ND	cn	1950	1500		ug/Kg	☼	77	64 - 128
Dibenz(a,h)anthracene	110	F1 cn	1950	1430	F1	ug/Kg	☼	68	70 - 123
Dibenzofuran	ND	cn	1950	1560		ug/Kg	☼	80	66 - 120
Diethyl phthalate	ND	cn	1950	1580		ug/Kg	☼	81	66 - 120
Dimethyl phthalate	ND	cn	1950	1620		ug/Kg	☼	83	65 - 120
Fluoranthene	1000	F1 cn	1950	1550	F1	ug/Kg	☼	27	67 - 120
Fluorene	45	J cn	1950	1500		ug/Kg	☼	75	67 - 120
Hexachlorobenzene	ND	cn	1950	1830		ug/Kg	☼	94	64 - 120
Hexachlorobutadiene	ND	cn	1950	1590		ug/Kg	☼	82	52 - 120
Hexachlorocyclopentadiene	ND	F1 cn	1950	ND	F1	ug/Kg	☼	0	32 - 123
Hexachloroethane	ND	cn	1950	1150		ug/Kg	☼	59	54 - 120
Indeno[1,2,3-cd]pyrene	350	F1 cn	1950	1420	F1	ug/Kg	☼	55	67 - 122
Isophorone	ND	cn	1950	1500		ug/Kg	☼	77	58 - 120
N-Nitrosodi-n-propylamine	ND	cn	1950	1420		ug/Kg	☼	73	51 - 120
N-Nitrosodiphenylamine	ND	cn	1660	1440		ug/Kg	☼	87	70 - 120
Naphthalene	40	J cn	1950	1510		ug/Kg	☼	76	62 - 120
Nitrobenzene	ND	cn	1950	1540		ug/Kg	☼	79	50 - 120
Pentachlorophenol	ND	cn	3900	2380		ug/Kg	☼	61	41 - 124
Phenanthrene	550	F1 cn	1950	1640	F1	ug/Kg	☼	56	69 - 120
Phenol	ND	cn	1950	1310		ug/Kg	☼	67	54 - 120
Pyrene	960	F1 cn	1950	1650	F1	ug/Kg	☼	35	69 - 120

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

Lab Sample ID: 410-192708-15 MS
Matrix: Solid
Analysis Batch: 573834

Client Sample ID: SB-100_4-5 MS
Prep Type: Total/NA
Prep Batch: 567882

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*81*		*29 - 120*
2-Fluorophenol (Surr)	*72*		*18 - 120*
Nitrobenzene-d5 (Surr)	*73*		*22 - 120*
p-Terphenyl-d14 (Surr)	*81*		*36 - 123*
2,4,6-Tribromophenol (Surr)	*78*		*13 - 127*
Phenol-d5 (Surr)	*74*		*20 - 120*

Lab Sample ID: 410-192708-15 MSD
Matrix: Solid
Analysis Batch: 573834

Client Sample ID: SB-100_4-5 MSD
Prep Type: Total/NA
Prep Batch: 567882

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND	cn	1940	1580		ug/Kg	☼	81	63 - 120	1	30
2,2'-oxybis[1-chloropropane]	ND	cn	1940	1420		ug/Kg	☼	73	22 - 125	6	30
2,4,5-Trichlorophenol	ND	cn	1940	1620		ug/Kg	☼	83	63 - 120	2	30
2,4,6-Trichlorophenol	ND	cn	1940	1670		ug/Kg	☼	86	58 - 124	2	30
2,4-Dichlorophenol	ND	cn	1940	1590		ug/Kg	☼	82	64 - 120	1	30
2,4-Dimethylphenol	ND	cn	1940	1460		ug/Kg	☼	75	63 - 120	3	30
2,4-Dinitrophenol	ND	F1 cn	3890	ND	F1	ug/Kg	☼	0	36 - 130	NC	30
2,4-Dinitrotoluene	ND	cn	1940	1560		ug/Kg	☼	80	65 - 120	7	30
2,6-Dinitrotoluene	ND	cn	1940	1650		ug/Kg	☼	85	67 - 120	2	30
2-Chloronaphthalene	ND	cn	1940	1550		ug/Kg	☼	80	63 - 120	3	30
2-Chlorophenol	ND	cn	1940	1450		ug/Kg	☼	75	61 - 120	1	30
2-Methylnaphthalene	ND	cn	1940	1500		ug/Kg	☼	77	61 - 120	0	30
2-Methylphenol	ND	cn	1940	1500		ug/Kg	☼	77	59 - 120	2	30
2-Nitroaniline	ND	cn	1940	1640		ug/Kg	☼	84	67 - 120	5	30
2-Nitrophenol	ND	cn	1940	1430		ug/Kg	☼	73	60 - 120	3	30
3,3'-Dichlorobenzidine	ND	cn	3890	2760		ug/Kg	☼	71	23 - 120	8	30
3-Nitroaniline	ND	cn	1940	1380		ug/Kg	☼	71	34 - 120	1	30
4,6-Dinitro-2-methylphenol	ND	F1 cn	3890	1950	J F1	ug/Kg	☼	50	55 - 131	8	30
4-Bromophenyl phenyl ether	ND	cn	1940	1780		ug/Kg	☼	91	66 - 120	4	30
4-Chloro-3-methylphenol	ND	cn	1940	1580		ug/Kg	☼	81	59 - 120	7	30
4-Chloroaniline	ND	cn	1940	1210		ug/Kg	☼	62	17 - 120	5	30
4-Chlorophenyl phenyl ether	ND	cn	1940	1640		ug/Kg	☼	84	65 - 120	3	30
4-Methylphenol	ND	cn	1940	1320		ug/Kg	☼	68	59 - 120	2	30
4-Nitroaniline	ND	cn	1940	1290		ug/Kg	☼	67	60 - 120	0	30
4-Nitrophenol	ND	cn	3890	2410	J	ug/Kg	☼	62	41 - 130	2	30
Acenaphthene	35	J cn	1940	1550		ug/Kg	☼	78	65 - 120	2	30
Acenaphthylene	ND	cn	1940	1620		ug/Kg	☼	83	66 - 120	7	30
Acetophenone	ND	cn	1940	1420		ug/Kg	☼	73	56 - 120	3	30
Anthracene	180	cn	1940	1610		ug/Kg	☼	74	69 - 120	3	30
Atrazine	ND	cn	1940	1690		ug/Kg	☼	87	59 - 140	2	30
Benzaldehyde	ND	cn	1940	904	J	ug/Kg	☼	47	35 - 120	11	30
Benzo[a]anthracene	530	F1 cn	1940	1650	F1	ug/Kg	☼	58	68 - 120	1	30
Benzo[a]pyrene	650	F1 cn	1940	1630	F1	ug/Kg	☼	50	71 - 120	2	30
Benzo[b]fluoranthene	730	F1 cn	1940	1500	F1	ug/Kg	☼	40	66 - 120	3	30
Benzo[g,h,i]perylene	380	F1 cn	1940	1420	F1	ug/Kg	☼	54	69 - 120	4	30
Benzo[k]fluoranthene	230	cn	1940	1600		ug/Kg	☼	71	68 - 120	3	30

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

Lab Sample ID: 410-192708-15 MSD
Matrix: Solid
Analysis Batch: 573834

Client Sample ID: SB-100_4-5 MSD
Prep Type: Total/NA
Prep Batch: 567882

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	ND	cn	1940	1520		ug/Kg	☼	78	53 - 120	1	30
Bis(2-chloroethyl)ether	ND	cn	1940	1370		ug/Kg	☼	71	52 - 120	6	30
Bis(2-ethylhexyl) phthalate	ND	cn	1940	1660		ug/Kg	☼	85	65 - 122	0	30
Butyl benzyl phthalate	ND	cn	1940	1600		ug/Kg	☼	82	64 - 120	4	30
Caprolactam	ND	cn	1940	1430		ug/Kg	☼	74	50 - 120	4	30
Carbazole	ND	cn	1940	1530		ug/Kg	☼	79	69 - 120	1	30
Chrysene	550	F1 cn	1940	1680	F1	ug/Kg	☼	58	67 - 120	2	30
Di-n-butyl phthalate	ND	cn	1940	1630		ug/Kg	☼	84	67 - 128	3	30
Di-n-octyl phthalate	ND	cn	1940	1500		ug/Kg	☼	77	64 - 128	0	30
Dibenz(a,h)anthracene	110	F1 cn	1940	1480		ug/Kg	☼	70	70 - 123	3	30
Dibenzofuran	ND	cn	1940	1620		ug/Kg	☼	84	66 - 120	4	30
Diethyl phthalate	ND	cn	1940	1670		ug/Kg	☼	86	66 - 120	6	30
Dimethyl phthalate	ND	cn	1940	1660		ug/Kg	☼	86	65 - 120	2	30
Fluoranthene	1000	F1 cn	1940	1580	F1	ug/Kg	☼	28	67 - 120	2	30
Fluorene	45	J cn	1940	1600		ug/Kg	☼	80	67 - 120	6	30
Hexachlorobenzene	ND	cn	1940	1780		ug/Kg	☼	91	64 - 120	3	30
Hexachlorobutadiene	ND	cn	1940	1550		ug/Kg	☼	80	52 - 120	3	30
Hexachlorocyclopentadiene	ND	F1 cn	1940	ND	F1	ug/Kg	☼	0	32 - 123	NC	30
Hexachloroethane	ND	cn	1940	1170		ug/Kg	☼	60	54 - 120	2	30
Indeno[1,2,3-cd]pyrene	350	F1 cn	1940	1490	F1	ug/Kg	☼	59	67 - 122	5	30
Isophorone	ND	cn	1940	1480		ug/Kg	☼	76	58 - 120	1	30
N-Nitrosodi-n-propylamine	ND	cn	1940	1410		ug/Kg	☼	73	51 - 120	1	30
N-Nitrosodiphenylamine	ND	cn	1650	1450		ug/Kg	☼	88	70 - 120	1	30
Naphthalene	40	J cn	1940	1480		ug/Kg	☼	74	62 - 120	2	30
Nitrobenzene	ND	cn	1940	1500		ug/Kg	☼	77	50 - 120	3	30
Pentachlorophenol	ND	cn	3890	2390		ug/Kg	☼	62	41 - 124	1	30
Phenanthrene	550	F1 cn	1940	1620	F1	ug/Kg	☼	55	69 - 120	1	30
Phenol	ND	cn	1940	1290		ug/Kg	☼	66	54 - 120	2	30
Pyrene	960	F1 cn	1940	1660	F1	ug/Kg	☼	36	69 - 120	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*81*		*29 - 120*
2-Fluorophenol (Surr)	*72*		*18 - 120*
Nitrobenzene-d5 (Surr)	*75*		*22 - 120*
p-Terphenyl-d14 (Surr)	*84*		*36 - 123*
2,4,6-Tribromophenol (Surr)	*85*		*13 - 127*
Phenol-d5 (Surr)	*72*		*20 - 120*

Lab Sample ID: 410-192708-19 MS
Matrix: Solid
Analysis Batch: 574284

Client Sample ID: SB-113_4-5 MS
Prep Type: Total/NA
Prep Batch: 567882

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		1950	1460		ug/Kg	☼	75	65 - 120
Acenaphthylene	ND		1950	1530		ug/Kg	☼	78	66 - 120
Anthracene	ND		1950	1610		ug/Kg	☼	83	69 - 120
Benzo[a]anthracene	ND	F1	1950	1190	F1	ug/Kg	☼	61	68 - 120
Benzo[a]pyrene	ND		1950	1660		ug/Kg	☼	85	71 - 120

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

Lab Sample ID: 410-192708-19 MS
Matrix: Solid
Analysis Batch: 574284

Client Sample ID: SB-113_4-5 MS
Prep Type: Total/NA
Prep Batch: 567882

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[b]fluoranthene	ND		1950	1790		ug/Kg	☼	92	66 - 120
Benzo[g,h,i]perylene	ND	F1	1950	1120	F1	ug/Kg	☼	57	69 - 120
Benzo[k]fluoranthene	ND		1950	1420		ug/Kg	☼	73	68 - 120
Chrysene	ND		1950	2130		ug/Kg	☼	109	67 - 120
Dibenz(a,h)anthracene	ND	F1	1950	1240	F1	ug/Kg	☼	64	70 - 123
Fluoranthene	28		1950	1640		ug/Kg	☼	83	67 - 120
Fluorene	17	J	1950	1530		ug/Kg	☼	77	67 - 120
Indeno[1,2,3-cd]pyrene	ND	F1	1950	1230	F1	ug/Kg	☼	63	67 - 122
Naphthalene	ND		1950	1510		ug/Kg	☼	77	62 - 120
Phenanthrene	47		1950	1610		ug/Kg	☼	80	69 - 120
Pyrene	82		1950	1610		ug/Kg	☼	78	69 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*78*		*29 - 120*
Nitrobenzene-d5 (Surr)	*70*		*22 - 120*
p-Terphenyl-d14 (Surr)	*77*		*36 - 123*

Lab Sample ID: 410-192708-19 MSD
Matrix: Solid
Analysis Batch: 574284

Client Sample ID: SB-113_4-5 MSD
Prep Type: Total/NA
Prep Batch: 567882

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		1960	1620		ug/Kg	☼	83	65 - 120	11	30
Acenaphthylene	ND		1960	1670		ug/Kg	☼	86	66 - 120	9	30
Anthracene	ND		1960	1700		ug/Kg	☼	87	69 - 120	5	30
Benzo[a]anthracene	ND	F1	1960	ND	F1	ug/Kg	☼	0	68 - 120	NC	30
Benzo[a]pyrene	ND		1960	1760		ug/Kg	☼	90	71 - 120	6	30
Benzo[b]fluoranthene	ND		1960	1750		ug/Kg	☼	90	66 - 120	2	30
Benzo[g,h,i]perylene	ND	F1	1960	1310	F1	ug/Kg	☼	67	69 - 120	16	30
Benzo[k]fluoranthene	ND		1960	1690		ug/Kg	☼	86	68 - 120	17	30
Chrysene	ND		1960	1820		ug/Kg	☼	93	67 - 120	16	30
Dibenz(a,h)anthracene	ND	F1	1960	1410		ug/Kg	☼	72	70 - 123	13	30
Fluoranthene	28		1960	1680		ug/Kg	☼	84	67 - 120	2	30
Fluorene	17	J	1960	1640		ug/Kg	☼	83	67 - 120	7	30
Indeno[1,2,3-cd]pyrene	ND	F1	1960	1410		ug/Kg	☼	72	67 - 122	14	30
Naphthalene	ND		1960	1520		ug/Kg	☼	78	62 - 120	1	30
Phenanthrene	47		1960	1710		ug/Kg	☼	85	69 - 120	6	30
Pyrene	82		1960	1710		ug/Kg	☼	83	69 - 120	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*84*		*29 - 120*
Nitrobenzene-d5 (Surr)	*73*		*22 - 120*
p-Terphenyl-d14 (Surr)	*84*		*36 - 123*

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

Lab Sample ID: MB 410-570112/1-A
Matrix: Solid
Analysis Batch: 573737

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 570112

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2,2'-oxybis[1-chloropropane]	ND		43	20	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2,4,5-Trichlorophenol	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2,4,6-Trichlorophenol	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2,4-Dichlorophenol	ND		43	20	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2,4-Dimethylphenol	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2,4-Dinitrophenol	ND		1000	420	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2,4-Dinitrotoluene	ND		170	33	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2,6-Dinitrotoluene	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2-Chloronaphthalene	ND		33	13	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2-Chlorophenol	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2-Methylnaphthalene	ND		17	5.0	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2-Methylphenol	ND		50	20	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2-Nitroaniline	ND		50	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
2-Nitrophenol	ND		50	20	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
3,3'-Dichlorobenzidine	ND		330	170	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
3-Nitroaniline	ND		170	33	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
4,6-Dinitro-2-methylphenol	ND		500	170	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
4-Bromophenyl phenyl ether	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
4-Chloro-3-methylphenol	ND		50	20	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
4-Chloroaniline	ND		170	33	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
4-Chlorophenyl phenyl ether	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
4-Methylphenol	ND		50	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
4-Nitroaniline	ND		170	33	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
4-Nitrophenol	ND		500	170	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Acenaphthene	ND		17	3.3	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Acenaphthylene	ND		17	4.0	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Acetophenone	ND		50	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Anthracene	ND		17	3.3	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Atrazine	ND		170	67	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Benzaldehyde	ND		170	33	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Benzo[a]anthracene	ND		17	3.3	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Bis(2-chloroethoxy)methane	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Bis(2-chloroethyl)ether	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Butyl benzyl phthalate	ND		170	67	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Caprolactam	ND		170	33	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Carbazole	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Chrysene	ND		17	3.3	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Di-n-butyl phthalate	ND		170	67	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Di-n-octyl phthalate	ND		170	67	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Dibenzofuran	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Diethyl phthalate	ND		170	67	ug/Kg		10/31/24 16:10	11/11/24 21:28	1

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

Lab Sample ID: MB 410-570112/1-A
Matrix: Solid
Analysis Batch: 573737

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 570112

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		170	67	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Fluoranthene	ND		17	3.3	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Fluorene	ND		17	3.3	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Hexachlorobenzene	ND		33	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Hexachlorobutadiene	ND		50	20	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Hexachlorocyclopentadiene	ND		500	170	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Hexachloroethane	ND		170	33	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Indeno[1,2,3-cd]pyrene	ND		17	4.0	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Isophorone	ND		67	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
N-Nitrosodi-n-propylamine	ND		67	33	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
N-Nitrosodiphenylamine	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Naphthalene	ND		17	6.7	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Nitrobenzene	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Pentachlorophenol	ND		170	67	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Phenanthrene	ND		17	4.0	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Phenol	ND		37	17	ug/Kg		10/31/24 16:10	11/11/24 21:28	1
Pyrene	ND		17	3.3	ug/Kg		10/31/24 16:10	11/11/24 21:28	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1350*	*T J*	*ug/Kg*		*1.91*	*N/A*	*10/31/24 16:10*	*11/11/24 21:28*	*1*
Unknown	*209*	*T J*	*ug/Kg*		*4.04*	*N/A*	*10/31/24 16:10*	*11/11/24 21:28*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*45*		*29 - 120*	*10/31/24 16:10*	*11/11/24 21:28*	*1*
2-Fluorophenol (Surr)	*49*		*18 - 120*	*10/31/24 16:10*	*11/11/24 21:28*	*1*
Nitrobenzene-d5 (Surr)	*48*		*22 - 120*	*10/31/24 16:10*	*11/11/24 21:28*	*1*
p-Terphenyl-d14 (Surr)	*60*		*36 - 123*	*10/31/24 16:10*	*11/11/24 21:28*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*13 - 127*	*10/31/24 16:10*	*11/11/24 21:28*	*1*
Phenol-d5 (Surr)	*45*		*20 - 120*	*10/31/24 16:10*	*11/11/24 21:28*	*1*

Lab Sample ID: LCS 410-570112/2-A
Matrix: Solid
Analysis Batch: 573737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 570112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1670	1310		ug/Kg		79	59 - 120
2,2'-oxybis[1-chloropropane]	1670	1130		ug/Kg		68	42 - 120
2,4,5-Trichlorophenol	1670	1600		ug/Kg		96	63 - 120
2,4,6-Trichlorophenol	1670	1530		ug/Kg		92	65 - 120
2,4-Dichlorophenol	1670	1460		ug/Kg		87	64 - 120
2,4-Dimethylphenol	1670	1340		ug/Kg		80	56 - 120
2,4-Dinitrophenol	3330	2670		ug/Kg		80	34 - 136
2,4-Dinitrotoluene	1670	1410		ug/Kg		85	65 - 120
2,6-Dinitrotoluene	1670	1500		ug/Kg		90	67 - 120
2-Chloronaphthalene	1670	1240		ug/Kg		75	63 - 120
2-Chlorophenol	1670	1250		ug/Kg		75	55 - 120
2-Methylnaphthalene	1670	1230		ug/Kg		74	61 - 120
2-Methylphenol	1670	1290		ug/Kg		78	59 - 120

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

Lab Sample ID: LCS 410-570112/2-A
Matrix: Solid
Analysis Batch: 573737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 570112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitroaniline	1670	1500		ug/Kg		90	62 - 124
2-Nitrophenol	1670	1270		ug/Kg		76	60 - 120
3,3'-Dichlorobenzidine	3330	1100		ug/Kg		33	28 - 120
3-Nitroaniline	1670	950		ug/Kg		57	34 - 120
4,6-Dinitro-2-methylphenol	3330	2970		ug/Kg		89	55 - 131
4-Bromophenyl phenyl ether	1670	1500		ug/Kg		90	66 - 120
4-Chloro-3-methylphenol	1670	1450		ug/Kg		87	59 - 120
4-Chloroaniline	1670	582		ug/Kg		35	27 - 120
4-Chlorophenyl phenyl ether	1670	1400		ug/Kg		84	64 - 120
4-Methylphenol	1670	1250		ug/Kg		75	52 - 120
4-Nitroaniline	1670	1390		ug/Kg		83	60 - 120
4-Nitrophenol	3330	2790		ug/Kg		84	51 - 120
Acenaphthene	1670	1340		ug/Kg		80	61 - 120
Acenaphthylene	1670	1410		ug/Kg		85	60 - 120
Acetophenone	1670	1140		ug/Kg		69	52 - 120
Anthracene	1670	1520		ug/Kg		91	69 - 120
Atrazine	1670	1610		ug/Kg		97	59 - 140
Benzaldehyde	1670	894		ug/Kg		54	41 - 120
Benzo[a]anthracene	1670	1470		ug/Kg		88	68 - 120
Benzo[a]pyrene	1670	1620		ug/Kg		97	71 - 120
Benzo[b]fluoranthene	1670	1430		ug/Kg		86	66 - 120
Benzo[g,h,i]perylene	1670	1510		ug/Kg		91	69 - 120
Benzo[k]fluoranthene	1670	1520		ug/Kg		91	63 - 120
Bis(2-chloroethoxy)methane	1670	1220		ug/Kg		73	53 - 120
Bis(2-chloroethyl)ether	1670	1100		ug/Kg		66	52 - 120
Bis(2-ethylhexyl) phthalate	1670	1510		ug/Kg		90	57 - 127
Butyl benzyl phthalate	1670	1530		ug/Kg		92	57 - 122
Caprolactam	1670	1520		ug/Kg		91	50 - 120
Carbazole	1670	1510		ug/Kg		91	65 - 120
Chrysene	1670	1410		ug/Kg		85	67 - 120
Di-n-butyl phthalate	1670	1610		ug/Kg		97	67 - 128
Di-n-octyl phthalate	1670	1730		ug/Kg		104	58 - 136
Dibenz(a,h)anthracene	1670	1520		ug/Kg		91	70 - 123
Dibenzofuran	1670	1350		ug/Kg		81	62 - 120
Diethyl phthalate	1670	1450		ug/Kg		87	62 - 120
Dimethyl phthalate	1670	1400		ug/Kg		84	61 - 120
Fluoranthene	1670	1480		ug/Kg		89	67 - 120
Fluorene	1670	1390		ug/Kg		84	63 - 120
Hexachlorobenzene	1670	1430		ug/Kg		86	64 - 120
Hexachlorobutadiene	1670	1160		ug/Kg		69	52 - 120
Hexachlorocyclopentadiene	1670	1140		ug/Kg		68	30 - 143
Hexachloroethane	1670	1040		ug/Kg		62	48 - 120
Indeno[1,2,3-cd]pyrene	1670	1500		ug/Kg		90	67 - 122
Isophorone	1670	1210		ug/Kg		73	54 - 120
N-Nitrosodi-n-propylamine	1670	1170		ug/Kg		70	51 - 120
N-Nitrosodiphenylamine	1420	1320		ug/Kg		93	66 - 120
Naphthalene	1670	1170		ug/Kg		70	56 - 120
Nitrobenzene	1670	1160		ug/Kg		69	50 - 120
Pentachlorophenol	3330	3220		ug/Kg		97	46 - 134

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

Lab Sample ID: LCS 410-570112/2-A
Matrix: Solid
Analysis Batch: 573737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 570112

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenanthrene	1670	1450		ug/Kg		87	63 - 120
Phenol	1670	1230		ug/Kg		74	49 - 120
Pyrene	1670	1450		ug/Kg		87	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*76*		*29 - 120*
2-Fluorophenol (Surr)	*69*		*18 - 120*
Nitrobenzene-d5 (Surr)	*69*		*22 - 120*
p-Terphenyl-d14 (Surr)	*82*		*36 - 123*
2,4,6-Tribromophenol (Surr)	*89*		*13 - 127*
Phenol-d5 (Surr)	*71*		*20 - 120*

Lab Sample ID: MB 410-571134/1-A
Matrix: Water
Analysis Batch: 574606

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 571134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.50	0.10	ug/L		11/04/24 15:37	11/13/24 15:41	1
Acenaphthylene	ND		0.50	0.10	ug/L		11/04/24 15:37	11/13/24 15:41	1
Anthracene	ND		0.50	0.10	ug/L		11/04/24 15:37	11/13/24 15:41	1
Benzo[a]anthracene	ND		0.50	0.10	ug/L		11/04/24 15:37	11/13/24 15:41	1
Benzo[a]pyrene	ND		0.50	0.11	ug/L		11/04/24 15:37	11/13/24 15:41	1
Benzo[b]fluoranthene	ND		0.50	0.10	ug/L		11/04/24 15:37	11/13/24 15:41	1
Benzo[g,h,i]perylene	ND		0.50	0.10	ug/L		11/04/24 15:37	11/13/24 15:41	1
Benzo[k]fluoranthene	ND		0.50	0.10	ug/L		11/04/24 15:37	11/13/24 15:41	1
Chrysene	ND		0.50	0.10	ug/L		11/04/24 15:37	11/13/24 15:41	1
Dibenz(a,h)anthracene	ND		0.50	0.10	ug/L		11/04/24 15:37	11/13/24 15:41	1
Fluoranthene	ND		0.50	0.10	ug/L		11/04/24 15:37	11/13/24 15:41	1
Fluorene	ND		0.50	0.12	ug/L		11/04/24 15:37	11/13/24 15:41	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.11	ug/L		11/04/24 15:37	11/13/24 15:41	1
Naphthalene	ND		0.50	0.26	ug/L		11/04/24 15:37	11/13/24 15:41	1
Phenanthrene	ND		0.50	0.11	ug/L		11/04/24 15:37	11/13/24 15:41	1
Pyrene	ND		0.50	0.10	ug/L		11/04/24 15:37	11/13/24 15:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*28 - 120*	*11/04/24 15:37*	*11/13/24 15:41*	*1*
Nitrobenzene-d5 (Surr)	*66*		*18 - 120*	*11/04/24 15:37*	*11/13/24 15:41*	*1*
p-Terphenyl-d14 (Surr)	*86*		*22 - 120*	*11/04/24 15:37*	*11/13/24 15:41*	*1*

Lab Sample ID: LCS 410-571134/2-A
Matrix: Water
Analysis Batch: 574606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	50.0	52.0		ug/L		104	48 - 127
Acenaphthylene	50.0	53.3		ug/L		107	47 - 130
Anthracene	50.0	56.9		ug/L		114	55 - 134
Benzo[a]anthracene	50.0	56.4		ug/L		113	54 - 134

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

Lab Sample ID: LCS 410-571134/2-A
Matrix: Water
Analysis Batch: 574606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	50.0	55.0		ug/L		110	58 - 135
Benzo[b]fluoranthene	50.0	53.6		ug/L		107	51 - 122
Benzo[g,h,i]perylene	50.0	55.1		ug/L		110	52 - 130
Benzo[k]fluoranthene	50.0	54.1		ug/L		108	57 - 132
Chrysene	50.0	54.4		ug/L		109	56 - 136
Dibenz(a,h)anthracene	50.0	56.7		ug/L		113	49 - 129
Fluoranthene	50.0	53.1		ug/L		106	56 - 130
Fluorene	50.0	50.8		ug/L		102	50 - 128
Indeno[1,2,3-cd]pyrene	50.0	56.5		ug/L		113	50 - 134
Naphthalene	50.0	49.9		ug/L		100	39 - 123
Phenanthrene	50.0	55.8		ug/L		112	55 - 132
Pyrene	50.0	56.4		ug/L		113	58 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*95*		*28 - 120*
Nitrobenzene-d5 (Surr)	*85*		*18 - 120*
p-Terphenyl-d14 (Surr)	*92*		*22 - 120*

Lab Sample ID: LCSD 410-571134/3-A
Matrix: Water
Analysis Batch: 574606

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 571134

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	50.0	52.2		ug/L		104	48 - 127	0	30
Acenaphthylene	50.0	53.8		ug/L		108	47 - 130	1	30
Anthracene	50.0	57.4		ug/L		115	55 - 134	1	30
Benzo[a]anthracene	50.0	55.9		ug/L		112	54 - 134	1	30
Benzo[a]pyrene	50.0	57.7		ug/L		115	58 - 135	5	30
Benzo[b]fluoranthene	50.0	55.1		ug/L		110	51 - 122	3	30
Benzo[g,h,i]perylene	50.0	57.9		ug/L		116	52 - 130	5	30
Benzo[k]fluoranthene	50.0	55.9		ug/L		112	57 - 132	3	30
Chrysene	50.0	55.9		ug/L		112	56 - 136	3	30
Dibenz(a,h)anthracene	50.0	58.8		ug/L		118	49 - 129	4	30
Fluoranthene	50.0	54.2		ug/L		108	56 - 130	2	30
Fluorene	50.0	51.7		ug/L		103	50 - 128	2	30
Indeno[1,2,3-cd]pyrene	50.0	58.1		ug/L		116	50 - 134	3	30
Naphthalene	50.0	48.4		ug/L		97	39 - 123	3	30
Phenanthrene	50.0	56.6		ug/L		113	55 - 132	2	30
Pyrene	50.0	56.1		ug/L		112	58 - 131	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*94*		*28 - 120*
Nitrobenzene-d5 (Surr)	*81*		*18 - 120*
p-Terphenyl-d14 (Surr)	*96*		*22 - 120*

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

Lab Sample ID: MB 410-572281/1-A
Matrix: Water
Analysis Batch: 572736

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
2,4,5-Trichlorophenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
2,4,6-Trichlorophenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
2,4-Dichlorophenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
2,4-Dimethylphenol	ND		10	3.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
2,4-Dinitrophenol	ND		30	14	ug/L		11/07/24 07:55	11/08/24 09:04	1
2,4-Dinitrotoluene	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
2,6-Dinitrotoluene	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
2-Chloronaphthalene	ND		1.0	0.40	ug/L		11/07/24 07:55	11/08/24 09:04	1
2-Chlorophenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
2-Methylnaphthalene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 09:04	1
2-Methylphenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
2-Nitroaniline	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
2-Nitrophenol	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
3,3'-Dichlorobenzidine	ND		10	4.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
3-Nitroaniline	ND		5.0	2.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
4,6-Dinitro-2-methylphenol	ND		21	8.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
4-Chloro-3-methylphenol	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
4-Chloroaniline	ND		10	4.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
4-Chlorophenyl phenyl ether	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
4-Methylphenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
4-Nitroaniline	ND		3.0	0.90	ug/L		11/07/24 07:55	11/08/24 09:04	1
4-Nitrophenol	ND		30	10	ug/L		11/07/24 07:55	11/08/24 09:04	1
Acenaphthene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 09:04	1
Acenaphthylene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 09:04	1
Acetophenone	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
Anthracene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 09:04	1
Atrazine	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
Benzaldehyde	ND		5.0	1.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
Benzo[a]anthracene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 09:04	1
Benzo[a]pyrene	ND		0.50	0.11	ug/L		11/07/24 07:55	11/08/24 09:04	1
Benzo[b]fluoranthene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 09:04	1
Benzo[g,h,i]perylene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 09:04	1
Benzo[k]fluoranthene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 09:04	1
Bis(2-chloroethoxy)methane	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
Bis(2-chloroethyl)ether	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
Butyl benzyl phthalate	ND		5.0	2.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
Caprolactam	ND		7.0	3.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
Carbazole	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
Chrysene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 09:04	1
Di-n-butyl phthalate	ND		5.0	2.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
Di-n-octyl phthalate	ND		11	5.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
Dibenz(a,h)anthracene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 09:04	1
Dibenzofuran	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
Diethyl phthalate	ND		5.0	2.0	ug/L		11/07/24 07:55	11/08/24 09:04	1

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

Lab Sample ID: MB 410-572281/1-A
Matrix: Water
Analysis Batch: 572736

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		5.0	2.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
Fluoranthene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 09:04	1
Fluorene	ND		0.50	0.12	ug/L		11/07/24 07:55	11/08/24 09:04	1
Hexachlorobenzene	ND		0.50	0.11	ug/L		11/07/24 07:55	11/08/24 09:04	1
Hexachlorobutadiene	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
Hexachlorocyclopentadiene	ND		11	5.0	ug/L		11/07/24 07:55	11/08/24 09:04	1
Hexachloroethane	ND		5.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.11	ug/L		11/07/24 07:55	11/08/24 09:04	1
Isophorone	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
N-Nitrosodi-n-propylamine	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
N-Nitrosodiphenylamine	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
Naphthalene	ND		0.50	0.26	ug/L		11/07/24 07:55	11/08/24 09:04	1
Nitrobenzene	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
Pentachlorophenol	ND		5.0	2.6	ug/L		11/07/24 07:55	11/08/24 09:04	1
Phenanthrene	ND		0.50	0.11	ug/L		11/07/24 07:55	11/08/24 09:04	1
Phenol	ND		2.0	0.50	ug/L		11/07/24 07:55	11/08/24 09:04	1
Pyrene	ND		0.50	0.10	ug/L		11/07/24 07:55	11/08/24 09:04	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Chrysene-d12	*5.05*	*T J N*	*ug/L*		*11.23*	*1719-03-5*	*11/07/24 07:55*	*11/08/24 09:04*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*55*		*28 - 120*	*11/07/24 07:55*	*11/08/24 09:04*	*1*
2-Fluorophenol (Surr)	*32*		*10 - 120*	*11/07/24 07:55*	*11/08/24 09:04*	*1*
Nitrobenzene-d5 (Surr)	*47*		*18 - 120*	*11/07/24 07:55*	*11/08/24 09:04*	*1*
p-Terphenyl-d14 (Surr)	*80*		*22 - 120*	*11/07/24 07:55*	*11/08/24 09:04*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*16 - 120*	*11/07/24 07:55*	*11/08/24 09:04*	*1*
Phenol-d5 (Surr)	*21*		*10 - 120*	*11/07/24 07:55*	*11/08/24 09:04*	*1*

Lab Sample ID: LCS 410-572281/2-A
Matrix: Water
Analysis Batch: 572736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	50.0	41.0		ug/L		82	46 - 127
2,2'-oxybis[1-chloropropane]	50.0	25.3		ug/L		51	31 - 125
2,4,5-Trichlorophenol	50.0	46.9		ug/L		94	55 - 133
2,4,6-Trichlorophenol	50.0	45.7		ug/L		91	54 - 139
2,4-Dichlorophenol	50.0	45.3		ug/L		91	51 - 135
2,4-Dimethylphenol	50.0	44.3		ug/L		89	44 - 121
2,4-Dinitrophenol	100	78.3		ug/L		78	14 - 161
2,4-Dinitrotoluene	50.0	48.4		ug/L		97	54 - 143
2,6-Dinitrotoluene	50.0	49.8		ug/L		100	54 - 139
2-Chloronaphthalene	50.0	40.1		ug/L		80	43 - 126
2-Chlorophenol	50.0	39.8		ug/L		80	41 - 122
2-Methylnaphthalene	50.0	41.4		ug/L		83	44 - 124
2-Methylphenol	50.0	36.2		ug/L		72	39 - 120
2-Nitroaniline	50.0	45.4		ug/L		91	53 - 139

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

Lab Sample ID: LCS 410-572281/2-A
Matrix: Water
Analysis Batch: 572736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitrophenol	50.0	46.5		ug/L		93	46 - 142
3,3'-Dichlorobenzidine	100	69.9		ug/L		70	31 - 120
3-Nitroaniline	50.0	37.7		ug/L		75	44 - 125
4,6-Dinitro-2-methylphenol	100	96.1		ug/L		96	54 - 148
4-Bromophenyl phenyl ether	50.0	48.0		ug/L		96	54 - 129
4-Chloro-3-methylphenol	50.0	43.4		ug/L		87	50 - 122
4-Chloroaniline	50.0	34.2		ug/L		68	33 - 120
4-Chlorophenyl phenyl ether	50.0	39.7		ug/L		79	49 - 125
4-Methylphenol	50.0	34.9		ug/L		70	35 - 120
4-Nitroaniline	50.0	34.8		ug/L		70	47 - 130
4-Nitrophenol	100	48.2		ug/L		48	17 - 120
Acenaphthene	50.0	41.2		ug/L		82	48 - 127
Acenaphthylene	50.0	44.7		ug/L		89	47 - 130
Acetophenone	50.0	34.4		ug/L		69	37 - 131
Anthracene	50.0	46.1		ug/L		92	55 - 134
Atrazine	50.0	45.6		ug/L		91	49 - 139
Benzaldehyde	50.0	28.9		ug/L		58	21 - 133
Benzo[a]anthracene	50.0	51.8		ug/L		104	54 - 134
Benzo[a]pyrene	50.0	45.8		ug/L		92	58 - 135
Benzo[b]fluoranthene	50.0	42.0		ug/L		84	51 - 122
Benzo[g,h,i]perylene	50.0	39.7		ug/L		79	52 - 130
Benzo[k]fluoranthene	50.0	48.1		ug/L		96	57 - 132
Bis(2-chloroethoxy)methane	50.0	40.6		ug/L		81	41 - 129
Bis(2-chloroethyl)ether	50.0	34.2		ug/L		68	34 - 126
Bis(2-ethylhexyl) phthalate	50.0	50.6		ug/L		101	46 - 143
Butyl benzyl phthalate	50.0	46.7		ug/L		93	39 - 136
Caprolactam	50.0	11.4		ug/L		23	10 - 120
Carbazole	50.0	47.3		ug/L		95	52 - 138
Chrysene	50.0	48.3		ug/L		97	56 - 136
Di-n-butyl phthalate	50.0	51.5		ug/L		103	49 - 143
Di-n-octyl phthalate	50.0	52.4		ug/L		105	44 - 147
Dibenz(a,h)anthracene	50.0	39.7		ug/L		79	49 - 129
Dibenzofuran	50.0	42.1		ug/L		84	50 - 128
Diethyl phthalate	50.0	41.0		ug/L		82	46 - 123
Dimethyl phthalate	50.0	35.1		ug/L		70	27 - 123
Fluoranthene	50.0	46.1		ug/L		92	56 - 130
Fluorene	50.0	41.9		ug/L		84	50 - 128
Hexachlorobenzene	50.0	51.0		ug/L		102	50 - 128
Hexachlorobutadiene	50.0	36.1		ug/L		72	20 - 120
Hexachlorocyclopentadiene	50.0	21.5		ug/L		43	10 - 120
Hexachloroethane	50.0	29.8		ug/L		60	21 - 120
Indeno[1,2,3-cd]pyrene	50.0	39.2		ug/L		78	50 - 134
Isophorone	50.0	38.6		ug/L		77	42 - 124
N-Nitrosodi-n-propylamine	50.0	32.6		ug/L		65	34 - 123
N-Nitrosodiphenylamine	42.5	43.7		ug/L		103	52 - 138
Naphthalene	50.0	39.2		ug/L		78	39 - 123
Nitrobenzene	50.0	35.4		ug/L		71	37 - 128
Pentachlorophenol	100	95.1		ug/L		95	32 - 163
Phenanthrene	50.0	44.0		ug/L		88	55 - 132

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

Lab Sample ID: LCS 410-572281/2-A
Matrix: Water
Analysis Batch: 572736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenol	50.0	22.9		ug/L		46	18 - 120
Pyrene	50.0	50.3		ug/L		101	58 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*71*		*28 - 120*
2-Fluorophenol (Surr)	*50*		*10 - 120*
Nitrobenzene-d5 (Surr)	*62*		*18 - 120*
p-Terphenyl-d14 (Surr)	*90*		*22 - 120*
2,4,6-Tribromophenol (Surr)	*80*		*16 - 120*
Phenol-d5 (Surr)	*37*		*10 - 120*

Lab Sample ID: MB 410-574197/1-A
Matrix: Solid
Analysis Batch: 574826

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 574197

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		17	3.3	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Acenaphthylene	ND		17	4.0	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Anthracene	ND		17	3.3	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Benzo[a]anthracene	ND		17	3.3	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Chrysene	ND		17	3.3	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Fluoranthene	ND		17	3.3	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Fluorene	ND		17	3.3	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Indeno[1,2,3-cd]pyrene	ND		17	4.0	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Naphthalene	ND		17	6.7	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Phenanthrene	ND		17	4.0	ug/Kg		11/12/24 16:20	11/13/24 22:09	1
Pyrene	ND		17	3.3	ug/Kg		11/12/24 16:20	11/13/24 22:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*50*		*29 - 120*	*11/12/24 16:20*	*11/13/24 22:09*	*1*
Nitrobenzene-d5 (Surr)	*52*		*22 - 120*	*11/12/24 16:20*	*11/13/24 22:09*	*1*
p-Terphenyl-d14 (Surr)	*98*		*36 - 123*	*11/12/24 16:20*	*11/13/24 22:09*	*1*

Lab Sample ID: LCS 410-574197/2-A
Matrix: Solid
Analysis Batch: 574826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 574197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1670	1220		ug/Kg		73	61 - 120
Acenaphthylene	1670	1250		ug/Kg		75	60 - 120
Anthracene	1670	1570		ug/Kg		94	69 - 120
Benzo[a]anthracene	1670	1570		ug/Kg		94	68 - 120
Benzo[a]pyrene	1670	1630		ug/Kg		98	71 - 120

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

Lab Sample ID: LCS 410-574197/2-A
Matrix: Solid
Analysis Batch: 574826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 574197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[b]fluoranthene	1670	1510		ug/Kg		90	66 - 120
Benzo[g,h,i]perylene	1670	1440		ug/Kg		87	69 - 120
Benzo[k]fluoranthene	1670	1760		ug/Kg		105	63 - 120
Chrysene	1670	1520		ug/Kg		91	67 - 120
Dibenz(a,h)anthracene	1670	1510		ug/Kg		91	70 - 123
Fluoranthene	1670	1640		ug/Kg		98	67 - 120
Fluorene	1670	1440		ug/Kg		87	63 - 120
Indeno[1,2,3-cd]pyrene	1670	1520		ug/Kg		91	67 - 122
Naphthalene	1670	918	*-	ug/Kg		55	56 - 120
Phenanthrene	1670	1590		ug/Kg		95	63 - 120
Pyrene	1670	1680		ug/Kg		101	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*66*		*29 - 120*
Nitrobenzene-d5 (Surr)	*51*		*22 - 120*
p-Terphenyl-d14 (Surr)	*98*		*36 - 123*

Lab Sample ID: MB 410-576466/1-A
Matrix: Solid
Analysis Batch: 577022

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 576466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2,2'-oxybis[1-chloropropane]	ND		43	20	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2,4,5-Trichlorophenol	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2,4,6-Trichlorophenol	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2,4-Dichlorophenol	ND		43	20	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2,4-Dimethylphenol	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2,4-Dinitrophenol	ND		1000	420	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2,4-Dinitrotoluene	ND		170	33	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2,6-Dinitrotoluene	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2-Chloronaphthalene	ND		33	13	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2-Chlorophenol	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2-Methylnaphthalene	ND		17	5.0	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2-Methylphenol	ND		50	20	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2-Nitroaniline	ND		50	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
2-Nitrophenol	ND		50	20	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
3,3'-Dichlorobenzidine	ND		330	170	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
3-Nitroaniline	ND		170	33	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
4,6-Dinitro-2-methylphenol	ND		500	170	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
4-Bromophenyl phenyl ether	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
4-Chloro-3-methylphenol	ND		50	20	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
4-Chloroaniline	ND		170	33	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
4-Chlorophenyl phenyl ether	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
4-Methylphenol	ND		50	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
4-Nitroaniline	ND		170	33	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
4-Nitrophenol	ND		500	170	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Acenaphthene	ND		17	3.3	ug/Kg		11/18/24 18:20	11/19/24 23:34	1

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

Lab Sample ID: MB 410-576466/1-A
Matrix: Solid
Analysis Batch: 577022

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 576466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		17	4.0	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Acetophenone	ND		50	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Anthracene	ND		17	3.3	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Atrazine	ND		170	67	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Benzaldehyde	ND		170	33	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Benzo[a]anthracene	ND		17	3.3	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Bis(2-chloroethoxy)methane	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Bis(2-chloroethyl)ether	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Butyl benzyl phthalate	ND		170	67	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Caprolactam	ND		170	33	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Carbazole	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Chrysene	ND		17	3.3	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Di-n-butyl phthalate	ND		170	67	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Di-n-octyl phthalate	ND		170	67	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Dibenzofuran	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Diethyl phthalate	ND		170	67	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Dimethyl phthalate	ND		170	67	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Fluoranthene	ND		17	3.3	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Fluorene	ND		17	3.3	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Hexachlorobenzene	ND		33	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Hexachlorobutadiene	ND		50	20	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Hexachlorocyclopentadiene	ND		500	170	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Hexachloroethane	ND		170	33	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Indeno[1,2,3-cd]pyrene	ND		17	4.0	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Isophorone	ND		67	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
N-Nitrosodi-n-propylamine	ND		67	33	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
N-Nitrosodiphenylamine	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Naphthalene	ND		17	6.7	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Nitrobenzene	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Pentachlorophenol	ND		170	67	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Phenanthrene	ND		17	4.0	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Phenol	ND		37	17	ug/Kg		11/18/24 18:20	11/19/24 23:34	1
Pyrene	ND		17	3.3	ug/Kg		11/18/24 18:20	11/19/24 23:34	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*373*	*T J*	*ug/Kg*		*3.28*	*N/A*	*11/18/24 18:20*	*11/19/24 23:34*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*74*		*29 - 120*	*11/18/24 18:20*	*11/19/24 23:34*	*1*
2-Fluorophenol (Surr)	*78*		*18 - 120*	*11/18/24 18:20*	*11/19/24 23:34*	*1*
Nitrobenzene-d5 (Surr)	*73*		*22 - 120*	*11/18/24 18:20*	*11/19/24 23:34*	*1*
p-Terphenyl-d14 (Surr)	*88*		*36 - 123*	*11/18/24 18:20*	*11/19/24 23:34*	*1*

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

Lab Sample ID: MB 410-576466/1-A
Matrix: Solid
Analysis Batch: 577022

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 576466

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	89		13 - 127	11/18/24 18:20	11/19/24 23:34	1
Phenol-d5 (Surr)	72		20 - 120	11/18/24 18:20	11/19/24 23:34	1

Lab Sample ID: LCS 410-576466/2-A
Matrix: Solid
Analysis Batch: 577022

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 576466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1670	1380		ug/Kg		83	59 - 120
2,2'-oxybis[1-chloropropane]	1670	1200		ug/Kg		72	42 - 120
2,4,5-Trichlorophenol	1670	1580		ug/Kg		95	63 - 120
2,4,6-Trichlorophenol	1670	1620		ug/Kg		97	65 - 120
2,4-Dichlorophenol	1670	1480		ug/Kg		89	64 - 120
2,4-Dimethylphenol	1670	1410		ug/Kg		84	56 - 120
2,4-Dinitrophenol	3330	2960		ug/Kg		89	34 - 136
2,4-Dinitrotoluene	1670	1640		ug/Kg		99	65 - 120
2,6-Dinitrotoluene	1670	1600		ug/Kg		96	67 - 120
2-Chloronaphthalene	1670	1300		ug/Kg		78	63 - 120
2-Chlorophenol	1670	1240		ug/Kg		75	55 - 120
2-Methylnaphthalene	1670	1270		ug/Kg		76	61 - 120
2-Methylphenol	1670	1340		ug/Kg		80	59 - 120
2-Nitroaniline	1670	1590		ug/Kg		95	62 - 124
2-Nitrophenol	1670	1290		ug/Kg		77	60 - 120
3,3'-Dichlorobenzidine	3330	1570		ug/Kg		47	28 - 120
3-Nitroaniline	1670	905		ug/Kg		54	34 - 120
4,6-Dinitro-2-methylphenol	3330	3430		ug/Kg		103	55 - 131
4-Bromophenyl phenyl ether	1670	1660		ug/Kg		100	66 - 120
4-Chloro-3-methylphenol	1670	1560		ug/Kg		94	59 - 120
4-Chloroaniline	1670	718		ug/Kg		43	27 - 120
4-Chlorophenyl phenyl ether	1670	1550		ug/Kg		93	64 - 120
4-Methylphenol	1670	1190		ug/Kg		71	52 - 120
4-Nitroaniline	1670	1440		ug/Kg		86	60 - 120
4-Nitrophenol	3330	2320		ug/Kg		70	51 - 120
Acenaphthene	1670	1400		ug/Kg		84	61 - 120
Acenaphthylene	1670	1440		ug/Kg		86	60 - 120
Acetophenone	1670	1180		ug/Kg		71	52 - 120
Anthracene	1670	1620		ug/Kg		97	69 - 120
Atrazine	1670	1480		ug/Kg		89	59 - 140
Benzaldehyde	1670	994		ug/Kg		60	41 - 120
Benzo[a]anthracene	1670	1640		ug/Kg		98	68 - 120
Benzo[a]pyrene	1670	1660		ug/Kg		100	71 - 120
Benzo[b]fluoranthene	1670	1500		ug/Kg		90	66 - 120
Benzo[g,h,i]perylene	1670	1560		ug/Kg		94	69 - 120
Benzo[k]fluoranthene	1670	1700		ug/Kg		102	63 - 120
Bis(2-chloroethoxy)methane	1670	1300		ug/Kg		78	53 - 120
Bis(2-chloroethyl)ether	1670	1200		ug/Kg		72	52 - 120
Bis(2-ethylhexyl) phthalate	1670	1570		ug/Kg		94	57 - 127
Butyl benzyl phthalate	1670	1630		ug/Kg		98	57 - 122

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

Lab Sample ID: LCS 410-576466/2-A
Matrix: Solid
Analysis Batch: 577022

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 576466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Caprolactam	1670	1530		ug/Kg		92	50 - 120
Carbazole	1670	1650		ug/Kg		99	65 - 120
Chrysene	1670	1610		ug/Kg		97	67 - 120
Di-n-butyl phthalate	1670	1670		ug/Kg		100	67 - 128
Di-n-octyl phthalate	1670	1710		ug/Kg		103	58 - 136
Dibenz(a,h)anthracene	1670	1590		ug/Kg		95	70 - 123
Dibenzofuran	1670	1400		ug/Kg		84	62 - 120
Diethyl phthalate	1670	1620		ug/Kg		97	62 - 120
Dimethyl phthalate	1670	1580		ug/Kg		95	61 - 120
Fluoranthene	1670	1670		ug/Kg		100	67 - 120
Fluorene	1670	1540		ug/Kg		93	63 - 120
Hexachlorobenzene	1670	1650		ug/Kg		99	64 - 120
Hexachlorobutadiene	1670	1190		ug/Kg		72	52 - 120
Hexachlorocyclopentadiene	1670	963		ug/Kg		58	30 - 143
Hexachloroethane	1670	1110		ug/Kg		67	48 - 120
Indeno[1,2,3-cd]pyrene	1670	1600		ug/Kg		96	67 - 122
Isophorone	1670	1270		ug/Kg		76	54 - 120
N-Nitrosodi-n-propylamine	1670	1200		ug/Kg		72	51 - 120
N-Nitrosodiphenylamine	1420	1410		ug/Kg		99	66 - 120
Naphthalene	1670	1240		ug/Kg		75	56 - 120
Nitrobenzene	1670	1200		ug/Kg		72	50 - 120
Pentachlorophenol	3330	2350		ug/Kg		70	46 - 134
Phenanthrene	1670	1590		ug/Kg		96	63 - 120
Phenol	1670	1200		ug/Kg		72	49 - 120
Pyrene	1670	1600		ug/Kg		96	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*74*		*29 - 120*
2-Fluorophenol (Surr)	*69*		*18 - 120*
Nitrobenzene-d5 (Surr)	*69*		*22 - 120*
p-Terphenyl-d14 (Surr)	*91*		*36 - 123*
2,4,6-Tribromophenol (Surr)	*95*		*13 - 127*
Phenol-d5 (Surr)	*72*		*20 - 120*

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 410-564334/5
Matrix: Water
Analysis Batch: 564334

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND		50	23	ug/L			10/17/24 11:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*106*		*63 - 135*		*10/17/24 11:02*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 410-564334/6
Matrix: Water
Analysis Batch: 564334

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline (Unleaded) (1C)			1100	1100		ug/L		100	66 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*99*		*63 - 135*

Lab Sample ID: LCSD 410-564334/7
Matrix: Water
Analysis Batch: 564334

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
Gasoline (Unleaded) (1C)			1100	1080		ug/L		98	66 - 128	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*99*		*63 - 135*

Lab Sample ID: 410-192708-19 MS
Matrix: Solid
Analysis Batch: 566098

Client Sample ID: SB-113_4-5 MS
Prep Type: Total/NA
Prep Batch: 565308

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline (Unleaded) (1C)	ND	F1 cn	1070	ND	F1	mg/Kg	☼	0	67 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*92*		*50 - 142*

Lab Sample ID: 410-192708-19 MSD
Matrix: Solid
Analysis Batch: 566098

Client Sample ID: SB-113_4-5 MSD
Prep Type: Total/NA
Prep Batch: 565308

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline (Unleaded) (1C)	ND	F1 cn	1210	ND	F1	mg/Kg	☼	0	67 - 130	NC	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*80*		*50 - 142*

Lab Sample ID: MB 410-565497/5
Matrix: Solid
Analysis Batch: 565497

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND		0.040	0.016	mg/Kg			10/21/24 09:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*95*		*50 - 142*		*10/21/24 09:43*	*1*

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: LCS 410-565497/6 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 565497

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline (Unleaded) (1C)			0.440	0.387		mg/Kg		88	67 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*95*		*50 - 142*

Lab Sample ID: LCSD 410-565497/7 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 565497

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline (Unleaded) (1C)			0.440	0.386		mg/Kg		88	67 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*95*		*50 - 142*

Lab Sample ID: MB 410-566098/6 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 566098

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND		0.040	0.016	mg/Kg			10/22/24 10:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*97*		*50 - 142*		*10/22/24 10:21*	*1*

Lab Sample ID: LCS 410-566098/7 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 566098

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline (Unleaded) (1C)			0.440	0.368		mg/Kg		84	67 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*93*		*50 - 142*

Lab Sample ID: LCSD 410-566098/8 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 566098

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline (Unleaded) (1C)			0.440	0.372		mg/Kg		85	67 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*93*		*50 - 142*

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: 410-192708-69 MS — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 567229 — **Prep Batch: 566500**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline (Unleaded) (1C)	ND	F1 F2 cn	44.8	10.2	F1	mg/Kg	☼	23	67 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*83*		*50 - 142*

Lab Sample ID: MB 410-566681/5 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 566681

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND		0.040	0.016	mg/Kg			10/23/24 10:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*99*		*50 - 142*		*10/23/24 10:03*	*1*

Lab Sample ID: LCS 410-566681/6 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 566681

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline (Unleaded) (1C)			0.440	0.389		mg/Kg		88	67 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*95*		*50 - 142*

Lab Sample ID: LCSD 410-566681/7 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 566681

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline (Unleaded) (1C)			0.440	0.387		mg/Kg		88	67 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*96*		*50 - 142*

Lab Sample ID: 410-192708-69 MSD — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 567229 — **Prep Batch: 567128**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline (Unleaded) (1C)	ND	F1 F2 cn	49.1	23.7	F1 F2	mg/Kg	☼	48	67 - 130	80	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*93*		*50 - 142*

Method: 8015D - Gasoline Range Organics (GRO) (GC) (Continued)

Lab Sample ID: MB 410-567229/5
Matrix: Solid
Analysis Batch: 567229

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (1C)	ND		0.040	0.016	mg/Kg			10/24/24 13:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene (fid) (1C)	*90*		*50 - 142*		*10/24/24 13:16*	*1*

Lab Sample ID: LCS 410-567229/6
Matrix: Solid
Analysis Batch: 567229

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline (Unleaded) (1C)	0.440	0.401		mg/Kg		91	67 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*93*		*50 - 142*

Lab Sample ID: LCSD 410-567229/7
Matrix: Solid
Analysis Batch: 567229

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
Gasoline (Unleaded) (1C)	0.440	0.401		mg/Kg		91	67 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene (fid) (1C)	*94*		*50 - 142*

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 410-565291/1-A
Matrix: Water
Analysis Batch: 566007

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 565291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		100	45	ug/L		10/19/24 08:04	10/21/24 22:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr)	*63*		*32 - 125*	*10/19/24 08:04*	*10/21/24 22:37*	*1*

Lab Sample ID: LCS 410-565291/2-A
Matrix: Water
Analysis Batch: 566007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 565291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
DRO (C10-C28)	604	431		ug/L		71	20 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o- terphenyl (Surr)	*87*		*32 - 125*

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 410-565291/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 566007 — **Prep Batch: 565291**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
DRO (C10-C28)			604	423		ug/L		70	20 - 115	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o- terphenyl (Surr)	*81*		*32 - 125*

Lab Sample ID: MB 410-566481/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 566614 — **Prep Batch: 566481**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		12	5.0	mg/Kg		10/22/24 16:45	10/23/24 02:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr)	*79*		*49 - 154*	*10/22/24 16:45*	*10/23/24 02:00*	*1*

Lab Sample ID: LCS 410-566481/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 566614 — **Prep Batch: 566481**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
DRO (C10-C28)			134	107		mg/Kg		80	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o- terphenyl (Surr)	*88*		*49 - 154*

Lab Sample ID: 410-192708-19 MS — **Client Sample ID: SB-113_4-5 MS**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 566614 — **Prep Batch: 566481**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
DRO (C10-C28)	350	F1 F2	157	871	E F1	mg/Kg	☼	331	78 - 120		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o- terphenyl (Surr)	*92*		*49 - 154*

Lab Sample ID: 410-192708-19 MSD — **Client Sample ID: SB-113_4-5 MSD**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 566614 — **Prep Batch: 566481**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
DRO (C10-C28)	350	F1 F2	156	3200	E F1 F2	mg/Kg	☼	1824	78 - 120	114	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o- terphenyl (Surr)	*110*		*49 - 154*

Method: 8015D - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 410-567582/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 567903 — **Prep Batch: 567582**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28)	ND		12	5.0	mg/Kg		10/24/24 17:20	10/25/24 14:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr)	*82*		*49 - 154*	*10/24/24 17:20*	*10/25/24 14:34*	*1*

Lab Sample ID: LCS 410-567582/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 567903 — **Prep Batch: 567582**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
DRO (C10-C28)	134	109		mg/Kg		81	78 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o- terphenyl (Surr)	*89*		*49 - 154*

Lab Sample ID: 410-192708-69 MS — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 568618 — **Prep Batch: 567582**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
DRO (C10-C28)	180	F1 F2	142	2010	F1	mg/Kg	☼	1281	78 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o- terphenyl (Surr)	*100*		*49 - 154*

Lab Sample ID: 410-192708-69 MSD — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 568618 — **Prep Batch: 567582**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
DRO (C10-C28)	180	F1 F2	141	195	F1 F2	mg/Kg	☼	7	78 - 120	165	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o- terphenyl (Surr)	*80*		*49 - 154*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 410-566467/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 566637 — **Prep Batch: 566467**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.020	0.0020	ug/L		10/22/24 15:26	10/23/24 06:44	1
alpha-BHC (1C)	ND		0.020	0.0030	ug/L		10/22/24 15:26	10/23/24 06:44	1
alpha-Chlordane (1C)	ND		0.020	0.0030	ug/L		10/22/24 15:26	10/23/24 06:44	1
beta-BHC (1C)	ND		0.030	0.011	ug/L		10/22/24 15:26	10/23/24 06:44	1
delta-BHC (1C)	ND		0.020	0.0034	ug/L		10/22/24 15:26	10/23/24 06:44	1
Dieldrin (1C)	ND		0.030	0.0053	ug/L		10/22/24 15:26	10/23/24 06:44	1

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

Lab Sample ID: MB 410-566467/1-A
Matrix: Water
Analysis Batch: 566637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 566467

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I (1C)	ND		0.020	0.0043	ug/L		10/22/24 15:26	10/23/24 06:44	1
Endosulfan II (1C)	ND		0.040	0.015	ug/L		10/22/24 15:26	10/23/24 06:44	1
Endosulfan sulfate (1C)	ND		0.030	0.0058	ug/L		10/22/24 15:26	10/23/24 06:44	1
Endrin (1C)	ND		0.030	0.0081	ug/L		10/22/24 15:26	10/23/24 06:44	1
Endrin aldehyde (1C)	ND		0.10	0.020	ug/L		10/22/24 15:26	10/23/24 06:44	1
Endrin ketone (1C)	ND		0.030	0.0050	ug/L		10/22/24 15:26	10/23/24 06:44	1
gamma-BHC (Lindane) (1C)	ND		0.020	0.0020	ug/L		10/22/24 15:26	10/23/24 06:44	1
gamma-Chlordane (1C)	ND		0.040	0.0070	ug/L		10/22/24 15:26	10/23/24 06:44	1
Heptachlor (1C)	ND		0.020	0.0020	ug/L		10/22/24 15:26	10/23/24 06:44	1
Heptachlor epoxide (1C)	ND		0.020	0.0023	ug/L		10/22/24 15:26	10/23/24 06:44	1
Methoxychlor (1C)	ND		0.11	0.030	ug/L		10/22/24 15:26	10/23/24 06:44	1
p,p'-DDD (1C)	ND		0.030	0.0050	ug/L		10/22/24 15:26	10/23/24 06:44	1
p,p'-DDE (1C)	ND		0.030	0.0050	ug/L		10/22/24 15:26	10/23/24 06:44	1
p,p'-DDT (1C)	ND		0.030	0.0052	ug/L		10/22/24 15:26	10/23/24 06:44	1
Toxaphene (1C)	ND		1.0	0.30	ug/L		10/22/24 15:26	10/23/24 06:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*68*		*20 - 149*	*10/22/24 15:26*	*10/23/24 06:44*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*64*		*20 - 149*	*10/22/24 15:26*	*10/23/24 06:44*	*1*
Tetrachloro-m-xylene (1C)	*75*		*20 - 129*	*10/22/24 15:26*	*10/23/24 06:44*	*1*
Tetrachloro-m-xylene (2C)	*74*		*20 - 129*	*10/22/24 15:26*	*10/23/24 06:44*	*1*

Lab Sample ID: LCS 410-566467/2-A
Matrix: Water
Analysis Batch: 566637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 566467

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin (1C)	0.100	0.0713		ug/L		71	10 - 148
alpha-BHC (1C)	0.100	0.0843		ug/L		84	47 - 132
alpha-Chlordane (1C)	0.100	0.0840		ug/L		84	50 - 136
beta-BHC (1C)	0.100	0.0899		ug/L		90	65 - 139
delta-BHC (2C)	0.100	0.0868		ug/L		87	56 - 141
Dieldrin (1C)	0.200	0.173		ug/L		86	58 - 145
Endosulfan I (1C)	0.100	0.0871		ug/L		87	63 - 138
Endosulfan II (1C)	0.200	0.175		ug/L		88	61 - 138
Endosulfan sulfate (1C)	0.200	0.175		ug/L		87	63 - 129
Endrin (1C)	0.200	0.174		ug/L		87	63 - 131
Endrin aldehyde (1C)	0.200	0.180		ug/L		90	57 - 135
Endrin ketone (1C)	0.200	0.190		ug/L		95	67 - 136
gamma-BHC (Lindane) (1C)	0.100	0.0845		ug/L		84	61 - 139
gamma-Chlordane (1C)	0.100	0.0855		ug/L		85	33 - 141
Heptachlor (1C)	0.100	0.0784		ug/L		78	35 - 136
Heptachlor epoxide (1C)	0.100	0.0888		ug/L		89	59 - 146
Methoxychlor (1C)	1.00	0.964		ug/L		96	66 - 148
p,p'-DDD (1C)	0.200	0.178		ug/L		89	42 - 148
p,p'-DDE (1C)	0.200	0.156		ug/L		78	20 - 140
p,p'-DDT (1C)	0.200	0.178		ug/L		89	40 - 145

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

Lab Sample ID: LCS 410-566467/2-A
Matrix: Water
Analysis Batch: 566637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 566467

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*61*		*20 - 149*
DCB Decachlorobiphenyl (Surr) (2C)	*55*		*20 - 149*
Tetrachloro-m-xylene (1C)	*75*		*20 - 129*
Tetrachloro-m-xylene (2C)	*74*		*20 - 129*

Lab Sample ID: MB 410-568247/1-A
Matrix: Solid
Analysis Batch: 568804

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 568247

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	ND		0.83	0.36	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
alpha-BHC (1C)	ND		0.83	0.38	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
alpha-Chlordane (1C)	ND		0.83	0.17	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
beta-BHC (1C)	ND		1.0	0.44	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
delta-BHC (1C)	ND		1.0	0.45	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
Dieldrin (1C)	ND		1.7	0.33	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
Endosulfan I (1C)	ND		0.83	0.22	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
Endosulfan II (1C)	ND		2.3	1.1	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
Endosulfan sulfate (1C)	ND		1.7	0.39	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
Endrin (1C)	ND		1.7	0.68	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
Endrin aldehyde (1C)	ND		1.7	0.38	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
Endrin ketone (1C)	ND		2.0	0.60	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
gamma-BHC (Lindane) (1C)	ND		0.83	0.21	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
gamma-Chlordane (1C)	ND		0.83	0.25	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
Heptachlor (1C)	ND		0.83	0.31	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
Heptachlor epoxide (1C)	ND		0.83	0.35	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
Methoxychlor (1C)	ND		6.7	2.6	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
p,p'-DDD (1C)	ND		1.7	0.80	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
p,p'-DDE (1C)	ND		1.7	0.70	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
p,p'-DDT (1C)	ND		1.7	0.79	ug/Kg		10/26/24 11:01	10/29/24 05:25	1
Toxaphene (1C)	ND		33	14	ug/Kg		10/26/24 11:01	10/29/24 05:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (2C)	*93*		*54 - 143*	*10/26/24 11:01*	*10/29/24 05:25*	*1*
Tetrachloro-m-xylene (1C)	*86*		*20 - 131*	*10/26/24 11:01*	*10/29/24 05:25*	*1*

Lab Sample ID: LCS 410-568247/2-A
Matrix: Solid
Analysis Batch: 568804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568247

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin (1C)	3.33	2.97		ug/Kg		89	49 - 130
alpha-BHC (1C)	3.33	2.88		ug/Kg		87	32 - 141
alpha-Chlordane (1C)	3.33	3.00		ug/Kg		90	54 - 129
beta-BHC (1C)	3.33	2.91		ug/Kg		87	50 - 132
delta-BHC (1C)	3.33	3.07		ug/Kg		92	47 - 141
Dieldrin (1C)	6.67	6.33		ug/Kg		95	54 - 136

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

Lab Sample ID: LCS 410-568247/2-A
Matrix: Solid
Analysis Batch: 568804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568247

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan I (1C)	3.33	2.93		ug/Kg		88	51 - 124
Endosulfan II (1C)	6.67	5.93		ug/Kg		89	56 - 125
Endosulfan sulfate (1C)	6.67	5.95		ug/Kg		89	39 - 136
Endrin (1C)	6.67	6.21		ug/Kg		93	56 - 129
Endrin aldehyde (1C)	6.67	5.66		ug/Kg		85	46 - 133
Endrin ketone (1C)	6.67	6.50		ug/Kg		98	55 - 128
gamma-BHC (Lindane) (1C)	3.33	3.05		ug/Kg		91	32 - 138
gamma-Chlordane (1C)	3.33	2.96		ug/Kg		89	52 - 137
Heptachlor (1C)	3.33	2.93		ug/Kg		88	52 - 139
Heptachlor epoxide (1C)	3.33	2.96		ug/Kg		89	55 - 133
Methoxychlor (1C)	33.3	34.0		ug/Kg		102	54 - 148
p,p'-DDD (1C)	6.67	6.34		ug/Kg		95	59 - 135
p,p'-DDE (1C)	6.67	6.22		ug/Kg		93	57 - 135
p,p'-DDT (1C)	6.67	6.61		ug/Kg		99	53 - 151

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*96*		*54 - 143*
Tetrachloro-m-xylene (1C)	*91*		*20 - 131*

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

Lab Sample ID: MB 410-565177/1-A
Matrix: Water
Analysis Batch: 565557

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 565177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.50	0.10	ug/L		10/18/24 17:11	10/21/24 09:19	1
PCB-1221 (1C)	ND		0.50	0.10	ug/L		10/18/24 17:11	10/21/24 09:19	1
PCB-1232 (1C)	ND		0.50	0.10	ug/L		10/18/24 17:11	10/21/24 09:19	1
PCB-1242 (1C)	ND		0.50	0.10	ug/L		10/18/24 17:11	10/21/24 09:19	1
PCB-1248 (1C)	ND		0.50	0.078	ug/L		10/18/24 17:11	10/21/24 09:19	1
PCB-1254 (1C)	ND		0.50	0.078	ug/L		10/18/24 17:11	10/21/24 09:19	1
PCB-1260 (1C)	ND		0.50	0.078	ug/L		10/18/24 17:11	10/21/24 09:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*29*		*10 - 148*	*10/18/24 17:11*	*10/21/24 09:19*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*29*		*10 - 148*	*10/18/24 17:11*	*10/21/24 09:19*	*1*
Tetrachloro-m-xylene (1C)	*75*		*33 - 137*	*10/18/24 17:11*	*10/21/24 09:19*	*1*
Tetrachloro-m-xylene (2C)	*85*		*33 - 137*	*10/18/24 17:11*	*10/21/24 09:19*	*1*

Lab Sample ID: LCS 410-565177/2-A
Matrix: Water
Analysis Batch: 565557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 565177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016 (1C)	5.01	4.47		ug/L		89	60 - 117
PCB-1260 (1C)	5.02	4.41		ug/L		88	57 - 134

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

Lab Sample ID: LCS 410-565177/2-A
Matrix: Water
Analysis Batch: 565557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 565177

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*84*		*10 - 148*
DCB Decachlorobiphenyl (Surr) (2C)	*83*		*10 - 148*
Tetrachloro-m-xylene (1C)	*76*		*33 - 137*
Tetrachloro-m-xylene (2C)	*84*		*33 - 137*

Lab Sample ID: MB 410-565855/1-A
Matrix: Solid
Analysis Batch: 565961

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 565855

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		17	5.3	ug/Kg		10/21/24 15:50	10/22/24 02:16	1
PCB-1221 (1C)	ND		17	5.3	ug/Kg		10/21/24 15:50	10/22/24 02:16	1
PCB-1232 (1C)	ND		17	5.3	ug/Kg		10/21/24 15:50	10/22/24 02:16	1
PCB-1242 (1C)	ND		17	5.3	ug/Kg		10/21/24 15:50	10/22/24 02:16	1
PCB-1248 (1C)	ND		17	5.3	ug/Kg		10/21/24 15:50	10/22/24 02:16	1
PCB-1254 (1C)	ND		17	6.4	ug/Kg		10/21/24 15:50	10/22/24 02:16	1
PCB-1260 (1C)	ND		17	6.4	ug/Kg		10/21/24 15:50	10/22/24 02:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (2C)	*103*		*66 - 130*	*10/21/24 15:50*	*10/22/24 02:16*	*1*
Tetrachloro-m-xylene (1C)	*95*		*68 - 130*	*10/21/24 15:50*	*10/22/24 02:16*	*1*

Lab Sample ID: LCS 410-565855/2-A
Matrix: Solid
Analysis Batch: 565961

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 565855

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016 (2C)	167	161		ug/Kg		96	68 - 121
PCB-1260 (1C)	167	173		ug/Kg		103	75 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (2C)	*106*		*66 - 130*
Tetrachloro-m-xylene (1C)	*95*		*68 - 130*

Lab Sample ID: 410-192708-19 MS
Matrix: Solid
Analysis Batch: 565961

Client Sample ID: SB-113_4-5 MS
Prep Type: Total/NA
Prep Batch: 565855

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016 (1C)	ND	F1 cn	195	84.9	F1 cn	ug/Kg	☼	43	68 - 121
PCB-1260 (1C)	ND	F1 cn	196	65.9	F1 p cn	ug/Kg	☼	34	75 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*43*	*S1- cn*	*66 - 130*

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

Lab Sample ID: 410-192708-19 MS
Matrix: Solid
Analysis Batch: 565961

Client Sample ID: SB-113_4-5 MS
Prep Type: Total/NA
Prep Batch: 565855

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene (1C)	*56*	*S1- cn*	*68 - 130*

Lab Sample ID: 410-192708-19 MSD
Matrix: Solid
Analysis Batch: 565961

Client Sample ID: SB-113_4-5 MSD
Prep Type: Total/NA
Prep Batch: 565855

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016 (1C)	ND	F1 cn	196	118	F1 cn	ug/Kg	☼	60	68 - 121	21	50
PCB-1260 (1C)	ND	F1 cn	197	63.8	F1 cn	ug/Kg	☼	32	75 - 130	49	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*50*	*S1- cn*	*66 - 130*
Tetrachloro-m-xylene (2C)	*65*	*S1- cn*	*68 - 130*

Lab Sample ID: MB 410-567521/1-A
Matrix: Solid
Analysis Batch: 568150

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 567521

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		17	5.3	ug/Kg		10/24/24 15:55	10/25/24 20:49	1
PCB-1221 (1C)	ND		17	5.3	ug/Kg		10/24/24 15:55	10/25/24 20:49	1
PCB-1232 (1C)	ND		17	5.3	ug/Kg		10/24/24 15:55	10/25/24 20:49	1
PCB-1242 (1C)	ND		17	5.3	ug/Kg		10/24/24 15:55	10/25/24 20:49	1
PCB-1248 (1C)	ND		17	5.3	ug/Kg		10/24/24 15:55	10/25/24 20:49	1
PCB-1254 (1C)	ND		17	6.4	ug/Kg		10/24/24 15:55	10/25/24 20:49	1
PCB-1260 (1C)	ND		17	6.4	ug/Kg		10/24/24 15:55	10/25/24 20:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*80*		*66 - 130*	*10/24/24 15:55*	*10/25/24 20:49*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*89*		*66 - 130*	*10/24/24 15:55*	*10/25/24 20:49*	*1*
Tetrachloro-m-xylene (1C)	*76*		*68 - 130*	*10/24/24 15:55*	*10/25/24 20:49*	*1*
Tetrachloro-m-xylene (2C)	*92*		*68 - 130*	*10/24/24 15:55*	*10/25/24 20:49*	*1*

Lab Sample ID: LCS 410-567521/2-A
Matrix: Solid
Analysis Batch: 568150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 567521

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016 (2C)			167	188		ug/Kg		113	68 - 121		
PCB-1260 (2C)			167	190		ug/Kg		113	75 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*91*		*66 - 130*
DCB Decachlorobiphenyl (Surr) (2C)	*97*		*66 - 130*
Tetrachloro-m-xylene (1C)	*81*		*68 - 130*

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

Lab Sample ID: LCS 410-567521/2-A
Matrix: Solid
Analysis Batch: 568150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 567521

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (2C)	*97*		*68 - 130*

Lab Sample ID: 410-192708-60 MS
Matrix: Solid
Analysis Batch: 568150

Client Sample ID: SB-111_4-5
Prep Type: Total/NA
Prep Batch: 567521

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016 (2C)	ND	cn	193	208	cn	ug/Kg	☼	108	68 - 121
PCB-1260 (2C)	13	J p cn	193	199	cn	ug/Kg	☼	97	75 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*137*	*S1+ cn*	*66 - 130*
DCB Decachlorobiphenyl (Surr) (2C)	*164*	*S1+ cn*	*66 - 130*
Tetrachloro-m-xylene (1C)	*81*	*cn*	*68 - 130*
Tetrachloro-m-xylene (2C)	*100*	*cn*	*68 - 130*

Lab Sample ID: 410-192708-60 MSD
Matrix: Solid
Analysis Batch: 568150

Client Sample ID: SB-111_4-5
Prep Type: Total/NA
Prep Batch: 567521

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016 (2C)	ND	cn	195	213	cn	ug/Kg	☼	109	68 - 121	3	50
PCB-1260 (2C)	13	J p cn	195	208	cn	ug/Kg	☼	100	75 - 130	4	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*138*	*S1+ cn*	*66 - 130*
DCB Decachlorobiphenyl (Surr) (2C)	*162*	*S1+ cn*	*66 - 130*
Tetrachloro-m-xylene (1C)	*84*	*cn*	*68 - 130*
Tetrachloro-m-xylene (2C)	*102*	*cn*	*68 - 130*

Lab Sample ID: MB 410-568019/1-A
Matrix: Solid
Analysis Batch: 568748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 568019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		17	5.3	ug/Kg		10/25/24 15:50	10/29/24 02:33	1
PCB-1221 (1C)	ND		17	5.3	ug/Kg		10/25/24 15:50	10/29/24 02:33	1
PCB-1232 (1C)	ND		17	5.3	ug/Kg		10/25/24 15:50	10/29/24 02:33	1
PCB-1242 (1C)	ND		17	5.3	ug/Kg		10/25/24 15:50	10/29/24 02:33	1
PCB-1248 (1C)	ND		17	5.3	ug/Kg		10/25/24 15:50	10/29/24 02:33	1
PCB-1254 (1C)	ND		17	6.4	ug/Kg		10/25/24 15:50	10/29/24 02:33	1
PCB-1260 (1C)	ND		17	6.4	ug/Kg		10/25/24 15:50	10/29/24 02:33	1

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

Lab Sample ID: MB 410-568019/1-A
Matrix: Solid
Analysis Batch: 568748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 568019

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	90		66 - 130	10/25/24 15:50	10/29/24 02:33	1
DCB Decachlorobiphenyl (Surr) (2C)	96		66 - 130	10/25/24 15:50	10/29/24 02:33	1
Tetrachloro-m-xylene (1C)	88		68 - 130	10/25/24 15:50	10/29/24 02:33	1
Tetrachloro-m-xylene (2C)	96		68 - 130	10/25/24 15:50	10/29/24 02:33	1

Lab Sample ID: LCS 410-568019/2-A
Matrix: Solid
Analysis Batch: 568748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016 (1C)	167	152		ug/Kg		91	68 - 121
PCB-1016 (2C)	167	175		ug/Kg		105	68 - 121
PCB-1260 (1C)	167	150		ug/Kg		90	75 - 130
PCB-1260 (2C)	167	175		ug/Kg		105	75 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	101		66 - 130
DCB Decachlorobiphenyl (Surr) (2C)	105		66 - 130
Tetrachloro-m-xylene (1C)	89		68 - 130
Tetrachloro-m-xylene (2C)	94		68 - 130

Lab Sample ID: MB 410-570251/1-A
Matrix: Water
Analysis Batch: 571386

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 570251

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.50	0.10	ug/L		11/01/24 07:26	11/05/24 16:17	1
PCB-1221 (1C)	ND		0.50	0.10	ug/L		11/01/24 07:26	11/05/24 16:17	1
PCB-1232 (1C)	ND		0.50	0.10	ug/L		11/01/24 07:26	11/05/24 16:17	1
PCB-1242 (1C)	ND		0.50	0.10	ug/L		11/01/24 07:26	11/05/24 16:17	1
PCB-1248 (1C)	ND		0.50	0.078	ug/L		11/01/24 07:26	11/05/24 16:17	1
PCB-1254 (1C)	ND		0.50	0.078	ug/L		11/01/24 07:26	11/05/24 16:17	1
PCB-1260 (1C)	ND		0.50	0.078	ug/L		11/01/24 07:26	11/05/24 16:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	95		10 - 148	11/01/24 07:26	11/05/24 16:17	1
DCB Decachlorobiphenyl (Surr) (2C)	98		10 - 148	11/01/24 07:26	11/05/24 16:17	1
Tetrachloro-m-xylene (1C)	81		33 - 137	11/01/24 07:26	11/05/24 16:17	1
Tetrachloro-m-xylene (2C)	74		33 - 137	11/01/24 07:26	11/05/24 16:17	1

Lab Sample ID: LCS 410-570251/2-A
Matrix: Water
Analysis Batch: 571386

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 570251

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016 (1C)	5.01	4.75		ug/L		95	60 - 117

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

Lab Sample ID: LCS 410-570251/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 571386 — **Prep Batch: 570251**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1260 (1C)			5.02	4.03		ug/L		80	57 - 134		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*94*		*10 - 148*
DCB Decachlorobiphenyl (Surr) (2C)	*94*		*10 - 148*
Tetrachloro-m-xylene (1C)	*85*		*33 - 137*
Tetrachloro-m-xylene (2C)	*78*		*33 - 137*

Lab Sample ID: 410-192708-83 MS — **Client Sample ID: MW-08_20241028**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 571386 — **Prep Batch: 570251**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016 (1C)	ND		5.21	4.87		ug/L		94	60 - 177		
PCB-1260 (1C)	ND		5.21	3.64		ug/L		70	57 - 134		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*77*		*10 - 148*
DCB Decachlorobiphenyl (Surr) (2C)	*75*		*10 - 148*
Tetrachloro-m-xylene (1C)	*83*		*33 - 137*
Tetrachloro-m-xylene (2C)	*77*		*33 - 137*

Lab Sample ID: 410-192708-83 MSD — **Client Sample ID: MW-08_20241028**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 571386 — **Prep Batch: 570251**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016 (1C)	ND		5.26	4.74		ug/L		90	60 - 177	3	30
PCB-1260 (1C)	ND		5.26	3.76		ug/L		71	57 - 134	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*80*		*10 - 148*
DCB Decachlorobiphenyl (Surr) (2C)	*75*		*10 - 148*
Tetrachloro-m-xylene (1C)	*82*		*33 - 137*
Tetrachloro-m-xylene (2C)	*72*		*33 - 137*

Lab Sample ID: MB 410-572786/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 573060 — **Prep Batch: 572786**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		0.50	0.10	ug/L		11/08/24 08:00	11/08/24 16:57	1
PCB-1221 (1C)	ND		0.50	0.10	ug/L		11/08/24 08:00	11/08/24 16:57	1

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

Lab Sample ID: MB 410-572786/1-A
Matrix: Water
Analysis Batch: 573060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232 (1C)	ND		0.50	0.10	ug/L		11/08/24 08:00	11/08/24 16:57	1
PCB-1242 (1C)	ND		0.50	0.10	ug/L		11/08/24 08:00	11/08/24 16:57	1
PCB-1248 (1C)	ND		0.50	0.078	ug/L		11/08/24 08:00	11/08/24 16:57	1
PCB-1254 (1C)	ND		0.50	0.078	ug/L		11/08/24 08:00	11/08/24 16:57	1
PCB-1260 (1C)	ND		0.50	0.078	ug/L		11/08/24 08:00	11/08/24 16:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*51*		*10 - 148*	*11/08/24 08:00*	*11/08/24 16:57*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*57*		*10 - 148*	*11/08/24 08:00*	*11/08/24 16:57*	*1*
Tetrachloro-m-xylene (1C)	*56*		*33 - 137*	*11/08/24 08:00*	*11/08/24 16:57*	*1*
Tetrachloro-m-xylene (2C)	*56*		*33 - 137*	*11/08/24 08:00*	*11/08/24 16:57*	*1*

Lab Sample ID: LCS 410-572786/2-A
Matrix: Water
Analysis Batch: 573060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572786

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016 (1C)	5.01	4.65		ug/L		93	60 - 117
PCB-1260 (2C)	5.02	4.01		ug/L		80	57 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*71*		*10 - 148*
DCB Decachlorobiphenyl (Surr) (2C)	*76*		*10 - 148*
Tetrachloro-m-xylene (1C)	*66*		*33 - 137*
Tetrachloro-m-xylene (2C)	*66*		*33 - 137*

Lab Sample ID: MB 410-573338/1-A
Matrix: Solid
Analysis Batch: 573654

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573338

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		17	5.3	ug/Kg		11/10/24 14:39	11/11/24 14:22	1
PCB-1221 (1C)	ND		17	5.3	ug/Kg		11/10/24 14:39	11/11/24 14:22	1
PCB-1232 (1C)	ND		17	5.3	ug/Kg		11/10/24 14:39	11/11/24 14:22	1
PCB-1242 (1C)	ND		17	5.3	ug/Kg		11/10/24 14:39	11/11/24 14:22	1
PCB-1248 (1C)	ND		17	5.3	ug/Kg		11/10/24 14:39	11/11/24 14:22	1
PCB-1254 (1C)	ND		17	6.4	ug/Kg		11/10/24 14:39	11/11/24 14:22	1
PCB-1260 (1C)	ND		17	6.4	ug/Kg		11/10/24 14:39	11/11/24 14:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*94*		*66 - 130*	*11/10/24 14:39*	*11/11/24 14:22*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*91*		*66 - 130*	*11/10/24 14:39*	*11/11/24 14:22*	*1*
Tetrachloro-m-xylene (1C)	*105*		*68 - 130*	*11/10/24 14:39*	*11/11/24 14:22*	*1*
Tetrachloro-m-xylene (2C)	*98*		*68 - 130*	*11/10/24 14:39*	*11/11/24 14:22*	*1*

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

Lab Sample ID: LCS 410-573338/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573654 — **Prep Batch: 573338**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016 (1C)			167	170		ug/Kg		102	68 - 121		
PCB-1260 (1C)			167	161		ug/Kg		96	75 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*96*		*66 - 130*
DCB Decachlorobiphenyl (Surr) (2C)	*94*		*66 - 130*
Tetrachloro-m-xylene (1C)	*99*		*68 - 130*
Tetrachloro-m-xylene (2C)	*89*		*68 - 130*

Lab Sample ID: 410-192708-94 MS — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573654 — **Prep Batch: 573338**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016 (1C)	ND	cn	422	370		ug/Kg	☼	88	68 - 121		
PCB-1260 (1C)	ND	F1 cn	423	262	F1	ug/Kg	☼	62	75 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*67*		*66 - 130*
DCB Decachlorobiphenyl (Surr) (2C)	*75*		*66 - 130*
Tetrachloro-m-xylene (1C)	*94*		*68 - 130*
Tetrachloro-m-xylene (2C)	*81*		*68 - 130*

Lab Sample ID: 410-192708-94 MSD — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573654 — **Prep Batch: 573338**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016 (1C)	ND	cn	420	314		ug/Kg	☼	75	68 - 121	16	50
PCB-1260 (1C)	ND	F1 cn	421	214	F1	ug/Kg	☼	51	75 - 130	20	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*60*	*S1- cn*	*66 - 130*
DCB Decachlorobiphenyl (Surr) (2C)	*68*	*cn*	*66 - 130*
Tetrachloro-m-xylene (1C)	*87*		*68 - 130*
Tetrachloro-m-xylene (2C)	*71*		*68 - 130*

Lab Sample ID: MB 410-574486/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 575118 — **Prep Batch: 574486**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	ND		17	5.3	ug/Kg		11/13/24 10:52	11/14/24 14:53	1

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

Lab Sample ID: MB 410-574486/1-A
Matrix: Solid
Analysis Batch: 575118

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 574486

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221 (1C)	ND		17	5.3	ug/Kg		11/13/24 10:52	11/14/24 14:53	1
PCB-1232 (1C)	ND		17	5.3	ug/Kg		11/13/24 10:52	11/14/24 14:53	1
PCB-1242 (1C)	ND		17	5.3	ug/Kg		11/13/24 10:52	11/14/24 14:53	1
PCB-1248 (1C)	ND		17	5.3	ug/Kg		11/13/24 10:52	11/14/24 14:53	1
PCB-1254 (1C)	ND		17	6.4	ug/Kg		11/13/24 10:52	11/14/24 14:53	1
PCB-1260 (1C)	ND		17	6.4	ug/Kg		11/13/24 10:52	11/14/24 14:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*102*		*66 - 130*	*11/13/24 10:52*	*11/14/24 14:53*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*105*		*66 - 130*	*11/13/24 10:52*	*11/14/24 14:53*	*1*
Tetrachloro-m-xylene (1C)	*92*		*68 - 130*	*11/13/24 10:52*	*11/14/24 14:53*	*1*
Tetrachloro-m-xylene (2C)	*95*		*68 - 130*	*11/13/24 10:52*	*11/14/24 14:53*	*1*

Lab Sample ID: LCS 410-574486/2-A
Matrix: Solid
Analysis Batch: 575118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 574486

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016 (1C)	167	146		ug/Kg		88	68 - 121
PCB-1260 (1C)	167	144		ug/Kg		86	75 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*99*		*66 - 130*
DCB Decachlorobiphenyl (Surr) (2C)	*106*		*66 - 130*
Tetrachloro-m-xylene (1C)	*91*		*68 - 130*
Tetrachloro-m-xylene (2C)	*94*		*68 - 130*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 410-565451/1-A
Matrix: Water
Analysis Batch: 566062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 565451

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T (1C)	ND		0.15	0.065	ug/L		10/20/24 20:03	10/22/24 11:19	1
Silvex (2,4,5-TP) (1C)	ND		0.050	0.022	ug/L		10/20/24 20:03	10/22/24 11:19	1
2,4-D (1C)	ND		0.60	0.25	ug/L		10/20/24 20:03	10/22/24 11:19	1
2,4-DB (1C)	ND		1.5	0.63	ug/L		10/20/24 20:03	10/22/24 11:19	1
Dichlorprop (1C)	ND		0.50	0.16	ug/L		10/20/24 20:03	10/22/24 11:19	1
Dalapon (1C)	ND		12	5.7	ug/L		10/20/24 20:03	10/22/24 11:19	1
Dicamba (1C)	ND		0.55	0.27	ug/L		10/20/24 20:03	10/22/24 11:19	1
MCPP (1C)	ND		200	50	ug/L		10/20/24 20:03	10/22/24 11:19	1
MCPA (1C)	ND		200	50	ug/L		10/20/24 20:03	10/22/24 11:19	1
Pentachlorophenol (1C)	ND		0.070	0.027	ug/L		10/20/24 20:03	10/22/24 11:19	1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 410-565451/1-A
Matrix: Water
Analysis Batch: 566062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 565451

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid (Surr) (1C)	86		34 - 142	10/20/24 20:03	10/22/24 11:19	1
2,4-Dichlorophenylacetic acid (Surr) (2C)	81		34 - 142	10/20/24 20:03	10/22/24 11:19	1

Lab Sample ID: LCS 410-565451/2-A
Matrix: Water
Analysis Batch: 566062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 565451

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T (2C)	0.250	0.291		ug/L		116	57 - 171
Silvex (2,4,5-TP) (2C)	0.250	0.297		ug/L		119	62 - 170
2,4-D (2C)	2.50	2.51		ug/L		100	53 - 159
2,4-DB (2C)	2.50	2.69		ug/L		107	27 - 159
Dichlorprop (2C)	2.51	2.79		ug/L		111	60 - 151
Dalapon (1C)	6.26	ND		ug/L		80	26 - 115
Dicamba (1C)	0.250	ND		ug/L		102	49 - 140
MCPP (1C)	251	285		ug/L		114	50 - 144
Pentachlorophenol (2C)	0.199	0.234		ug/L		118	56 - 185

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid (Surr) (1C)	96		34 - 142
2,4-Dichlorophenylacetic acid (Surr) (2C)	92		34 - 142

Lab Sample ID: LCSD 410-565451/3-A
Matrix: Water
Analysis Batch: 566062

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 565451

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T (1C)	0.250	0.284		ug/L		113	57 - 171	2	30
Silvex (2,4,5-TP) (2C)	0.250	0.285		ug/L		114	62 - 170	4	30
2,4-D (1C)	2.50	2.48		ug/L		99	53 - 159	1	30
2,4-DB (2C)	2.50	2.68		ug/L		107	27 - 159	0	30
Dichlorprop (2C)	2.51	2.73		ug/L		109	60 - 151	2	30
Dalapon (1C)	6.26	ND		ug/L		79	26 - 115	2	30
Dicamba (1C)	0.250	ND		ug/L		100	49 - 140	2	30
MCPP (1C)	251	282		ug/L		112	50 - 144	1	30
MCPA (2C)	496	477		ug/L		96	24 - 144	3	30
Pentachlorophenol (1C)	0.199	0.230		ug/L		116	56 - 185	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid (Surr) (1C)	93		34 - 142
2,4-Dichlorophenylacetic acid (Surr) (2C)	90		34 - 142

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 410-566699/1-A
Matrix: Solid
Analysis Batch: 567185

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 566699

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T (1C)	ND		1.7	0.82	ug/Kg		10/23/24 07:35	10/24/24 05:16	1
Silvex (2,4,5-TP) (1C)	ND		1.7	0.75	ug/Kg		10/23/24 07:35	10/24/24 05:16	1
2,4-D (1C)	ND		36	12	ug/Kg		10/23/24 07:35	10/24/24 05:16	1
2,4-DB (1C)	ND		25	12	ug/Kg		10/23/24 07:35	10/24/24 05:16	1
Dichlorprop (1C)	ND		20	9.0	ug/Kg		10/23/24 07:35	10/24/24 05:16	1
Dalapon (1C)	ND		100	49	ug/Kg		10/23/24 07:35	10/24/24 05:16	1
Dicamba (1C)	ND		29	14	ug/Kg		10/23/24 07:35	10/24/24 05:16	1
MCPP (1C)	ND		7700	3800	ug/Kg		10/23/24 07:35	10/24/24 05:16	1
MCPA (1C)	ND		2500	760	ug/Kg		10/23/24 07:35	10/24/24 05:16	1
Pentachlorophenol (1C)	ND		1.7	0.33	ug/Kg		10/23/24 07:35	10/24/24 05:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr) (1C)	*78*		*54 - 140*	*10/23/24 07:35*	*10/24/24 05:16*	*1*
2,4-Dichlorophenylacetic acid (Surr) (2C)	*65*		*54 - 140*	*10/23/24 07:35*	*10/24/24 05:16*	*1*

Lab Sample ID: LCS 410-566699/2-A
Matrix: Solid
Analysis Batch: 567185

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 566699

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T (1C)	8.33	7.46		ug/Kg		89	41 - 151
Silvex (2,4,5-TP) (1C)	8.33	7.52		ug/Kg		90	52 - 152
2,4-D (1C)	83.4	60.3		ug/Kg		72	40 - 138
2,4-DB (1C)	83.4	68.3		ug/Kg		82	45 - 155
Dichlorprop (2C)	83.6	68.0		ug/Kg		81	51 - 130
Dalapon (1C)	209	120		ug/Kg		57	15 - 115
Dicamba (1C)	8.33	ND		ug/Kg		78	48 - 129
MCPP (1C)	8360	8200		ug/Kg		98	40 - 162
MCPA (1C)	8340	7160		ug/Kg		86	41 - 130
Pentachlorophenol (2C)	6.62	5.46		ug/Kg		82	45 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr) (1C)	*79*		*54 - 140*
2,4-Dichlorophenylacetic acid (Surr) (2C)	*67*		*54 - 140*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 410-566581/1-A ^2
Matrix: Solid
Analysis Batch: 573020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 566581

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Antimony	ND		0.20	0.080	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Arsenic	ND		0.40	0.13	mg/Kg		10/22/24 21:30	11/08/24 12:26	2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-566581/1-A ^2
Matrix: Solid
Analysis Batch: 573020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 566581

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.40	0.18	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Beryllium	ND		0.10	0.024	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Cadmium	ND		0.10	0.040	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Chromium	ND		0.40	0.19	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Cobalt	ND		0.20	0.080	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Copper	ND		0.40	0.18	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Lead	ND		0.20	0.076	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Manganese	ND		0.40	0.20	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Nickel	ND		0.40	0.19	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Silver	ND		0.10	0.041	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Thallium	ND		0.10	0.039	mg/Kg		10/22/24 21:30	11/08/24 12:26	2
Zinc	ND		30	4.0	mg/Kg		10/22/24 21:30	11/08/24 12:26	2

Lab Sample ID: LCS 410-566581/2-A ^2
Matrix: Solid
Analysis Batch: 573020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 566581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	497		mg/Kg		99	83 - 119
Antimony	10.0	9.78		mg/Kg		98	87 - 116
Arsenic	50.0	49.0		mg/Kg		98	87 - 114
Barium	50.0	49.0		mg/Kg		98	87 - 117
Beryllium	5.00	4.91		mg/Kg		98	80 - 120
Cadmium	5.00	4.92		mg/Kg		98	88 - 117
Chromium	50.0	48.4		mg/Kg		97	86 - 116
Cobalt	50.0	48.5		mg/Kg		97	85 - 115
Copper	50.0	48.3		mg/Kg		97	84 - 115
Lead	5.00	5.02		mg/Kg		100	88 - 117
Manganese	50.0	49.9		mg/Kg		100	87 - 116
Nickel	50.0	48.7		mg/Kg		97	87 - 115
Silver	5.00	4.91		mg/Kg		98	88 - 117
Thallium	10.0	9.63		mg/Kg		96	87 - 116
Zinc	50.0	49.8		mg/Kg		100	86 - 116

Lab Sample ID: 410-192708-15 MS
Matrix: Solid
Analysis Batch: 573020

Client Sample ID: SB-100_4-5 MS
Prep Type: Total/NA
Prep Batch: 566581

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7900	F2	519	10900	4	mg/Kg	☼	579	75 - 125
Antimony	0.40	F1	10.4	6.93	F1	mg/Kg	☼	63	75 - 125
Arsenic	7.1		51.9	62.8		mg/Kg	☼	107	75 - 125
Barium	46	F1	51.9	91.7		mg/Kg	☼	88	75 - 125
Beryllium	0.69	F2 F1	5.19	6.13		mg/Kg	☼	105	75 - 125
Cadmium	0.45		5.19	5.49		mg/Kg	☼	97	75 - 125
Chromium	110	F2 F1	51.9	254	E F1	mg/Kg	☼	278	75 - 125
Cobalt	18	F2 F1	51.9	87.6	F1	mg/Kg	☼	135	75 - 125
Copper	27	F1	51.9	61.4	F1	mg/Kg	☼	66	75 - 125
Lead	88	F2	5.19	64.7	4	mg/Kg	☼	-448	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-192708-15 MS — **Client Sample ID: SB-100_4-5 MS**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573020 — **Prep Batch: 566581**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	400	F2	51.9	401	4	mg/Kg	☼	-6	75 - 125
Silver	0.11		5.19	5.29		mg/Kg	☼	100	75 - 125
Zinc	93	F2 F1	51.9	119	F1	mg/Kg	☼	51	75 - 125

Lab Sample ID: 410-192708-15 MS — **Client Sample ID: SB-100_4-5 MS**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573020 — **Prep Batch: 566581**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	330	F2	51.9	473	4	mg/Kg	☼	266	75 - 125

Lab Sample ID: 410-192708-15 MS — **Client Sample ID: SB-100_4-5 MS**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 576325 — **Prep Batch: 566581**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.065	J	10.4	11.3		mg/Kg	☼	109	75 - 125

Lab Sample ID: 410-192708-15 MSD — **Client Sample ID: SB-100_4-5 MSD**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573020 — **Prep Batch: 566581**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	7900	F2	591	14700	4 F2	mg/Kg	☼	1147	75 - 125	30	20
Antimony	0.40	F1	11.8	8.30	F1	mg/Kg	☼	67	75 - 125	18	20
Arsenic	7.1		59.1	73.9		mg/Kg	☼	113	75 - 125	16	20
Barium	46	F1	59.1	81.7	F1	mg/Kg	☼	60	75 - 125	12	20
Beryllium	0.69	F2 F1	5.91	8.25	F1 F2	mg/Kg	☼	128	75 - 125	30	20
Cadmium	0.45		5.91	6.17		mg/Kg	☼	97	75 - 125	12	20
Chromium	110	F2 F1	59.1	349	E F1 F2	mg/Kg	☼	404	75 - 125	32	20
Cobalt	18	F2 F1	59.1	62.0	F2	mg/Kg	☼	75	75 - 125	34	20
Copper	27	F1	59.1	58.3	F1	mg/Kg	☼	52	75 - 125	5	20
Lead	88	F2	5.91	19.8	4 F2	mg/Kg	☼	-1152	75 - 125	106	20
Manganese	400	F2	59.1	222	4 F2	mg/Kg	☼	-308	75 - 125	58	20
Silver	0.11		5.91	5.79		mg/Kg	☼	96	75 - 125	9	20
Zinc	93	F2 F1	59.1	167	F1 F2	mg/Kg	☼	126	75 - 125	33	20

Lab Sample ID: 410-192708-15 MSD — **Client Sample ID: SB-100_4-5 MSD**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573020 — **Prep Batch: 566581**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nickel	330	F2	59.1	87.3	4 F2	mg/Kg	☼	-419	75 - 125	138	20

Lab Sample ID: 410-192708-15 MSD — **Client Sample ID: SB-100_4-5 MSD**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 576325 — **Prep Batch: 566581**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thallium	0.065	J	11.8	13.4		mg/Kg	☼	113	75 - 125	17	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 410-192708-15 DU — **Client Sample ID: SB-100_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573020 — **Prep Batch: 566581**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	7900	F2		7120		mg/Kg	☼			10	20
Antimony	0.40	F1		0.273	F5	mg/Kg	☼			37	20
Arsenic	7.1			9.76	F3	mg/Kg	☼			31	20
Barium	46	F1		29.8	F3	mg/Kg	☼			43	20
Beryllium	0.69	F2 F1		0.710		mg/Kg	☼			3	20
Cadmium	0.45			0.256	F3	mg/Kg	☼			55	20
Chromium	110	F2 F1		102		mg/Kg	☼			8	20
Cobalt	18	F2 F1		18.8		mg/Kg	☼			7	20
Copper	27	F1		8.94	F3	mg/Kg	☼			101	20
Lead	88	F2		41.3	F3	mg/Kg	☼			72	20
Manganese	400	F2		210	F3	mg/Kg	☼			63	20
Silver	0.11			ND		mg/Kg	☼			NC	20
Zinc	93	F2 F1		56.6	F3	mg/Kg	☼			48	20

Lab Sample ID: 410-192708-15 DU — **Client Sample ID: SB-100_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573020 — **Prep Batch: 566581**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Nickel	330	F2		436	F3	mg/Kg	☼			26	20

Lab Sample ID: 410-192708-15 DU — **Client Sample ID: SB-100_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 576325 — **Prep Batch: 566581**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Thallium	0.065	J		0.0719	J	mg/Kg	☼			10	20

Lab Sample ID: MB 410-567320/1-A ^2 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570460 — **Prep Batch: 567320**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Antimony	ND		0.20	0.080	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Arsenic	ND		0.40	0.13	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Barium	ND		0.40	0.18	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Beryllium	ND		0.10	0.024	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Cadmium	ND		0.10	0.040	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Chromium	ND		0.40	0.19	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Cobalt	ND		0.20	0.080	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Copper	ND		0.40	0.18	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Lead	ND		0.20	0.076	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Manganese	ND		0.40	0.20	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Nickel	ND		0.40	0.19	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Silver	ND		0.10	0.041	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Thallium	ND		0.10	0.039	mg/Kg		10/25/24 20:30	11/01/24 10:16	2
Zinc	ND		30	4.0	mg/Kg		10/25/24 20:30	11/01/24 10:16	2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-567320/2-A ^2
Matrix: Solid
Analysis Batch: 570460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 567320

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	514		mg/Kg		103	83 - 119
Antimony	10.0	10.4		mg/Kg		104	87 - 116
Arsenic	50.0	51.3		mg/Kg		103	87 - 114
Barium	50.0	52.9		mg/Kg		106	87 - 117
Beryllium	5.00	4.93		mg/Kg		99	80 - 120
Cadmium	5.00	5.15		mg/Kg		103	88 - 117
Chromium	50.0	51.5		mg/Kg		103	86 - 116
Cobalt	50.0	50.4		mg/Kg		101	85 - 115
Copper	50.0	50.7		mg/Kg		101	84 - 115
Lead	5.00	5.38		mg/Kg		108	88 - 117
Manganese	50.0	51.2		mg/Kg		102	87 - 116
Nickel	50.0	51.7		mg/Kg		103	87 - 115
Silver	5.00	5.22		mg/Kg		104	88 - 117
Thallium	10.0	10.6		mg/Kg		106	87 - 116
Zinc	50.0	50.7		mg/Kg		101	86 - 116

Lab Sample ID: MB 410-567714/1-A ^2
Matrix: Solid
Analysis Batch: 569090

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 567714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Antimony	ND		0.20	0.080	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Arsenic	ND		0.40	0.13	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Barium	ND		0.40	0.18	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Beryllium	ND		0.10	0.024	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Cadmium	ND		0.10	0.040	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Chromium	ND		0.40	0.19	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Cobalt	ND		0.20	0.080	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Copper	ND		0.40	0.18	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Lead	ND		0.20	0.076	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Manganese	ND		0.40	0.20	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Nickel	ND		0.40	0.19	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Silver	ND		0.10	0.041	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Thallium	ND		0.10	0.039	mg/Kg		10/25/24 20:30	10/29/24 12:24	2
Zinc	ND		30	4.0	mg/Kg		10/25/24 20:30	10/29/24 12:24	2

Lab Sample ID: LCS 410-567714/2-A ^2
Matrix: Solid
Analysis Batch: 569090

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 567714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	518		mg/Kg		104	83 - 119
Antimony	10.0	10.2		mg/Kg		102	87 - 116
Arsenic	50.0	52.5		mg/Kg		105	87 - 114
Barium	50.0	51.4		mg/Kg		103	87 - 117
Beryllium	5.00	4.94		mg/Kg		99	80 - 120
Cadmium	5.00	5.15		mg/Kg		103	88 - 117
Chromium	50.0	52.1		mg/Kg		104	86 - 116

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-567714/2-A ^2 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569090 — **Prep Batch: 567714**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	50.0	51.6		mg/Kg		103	85 - 115
Copper	50.0	51.4		mg/Kg		103	84 - 115
Lead	5.00	5.35		mg/Kg		107	88 - 117
Manganese	50.0	52.0		mg/Kg		104	87 - 116
Nickel	50.0	51.9		mg/Kg		104	87 - 115
Silver	5.00	5.12		mg/Kg		102	88 - 117
Thallium	10.0	10.4		mg/Kg		104	87 - 116
Zinc	50.0	51.0		mg/Kg		102	86 - 116

Lab Sample ID: 410-192708-69 MS — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569090 — **Prep Batch: 567714**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6700		474	7720	4	mg/Kg	☼	216	75 - 125
Antimony	0.65	F1	9.48	8.16		mg/Kg	☼	79	75 - 125
Arsenic	8.0		47.4	53.0		mg/Kg	☼	95	75 - 125
Barium	27		47.4	75.5		mg/Kg	☼	103	75 - 125
Beryllium	0.48		4.74	5.03		mg/Kg	☼	96	75 - 125
Cadmium	0.17		4.74	4.94		mg/Kg	☼	101	75 - 125
Chromium	56		47.4	92.9		mg/Kg	☼	78	75 - 125
Cobalt	4.7	^2	47.4	49.1		mg/Kg	☼	94	75 - 125
Copper	31	F1	47.4	60.5	F1	mg/Kg	☼	62	75 - 125
Lead	140		4.74	98.0	4	mg/Kg	☼	-888	75 - 125
Manganese	300	F2	47.4	307	4	mg/Kg	☼	21	75 - 125
Nickel	23	F2 F1	47.4	66.1		mg/Kg	☼	91	75 - 125
Silver	0.064	J F2 F1	4.74	4.85		mg/Kg	☼	101	75 - 125
Thallium	0.091	J	9.48	9.49		mg/Kg	☼	99	75 - 125
Zinc	53	F2 F1	47.4	121	F1	mg/Kg	☼	143	75 - 125

Lab Sample ID: 410-192708-69 MSD — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569090 — **Prep Batch: 567714**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	6700		520	6430	4	mg/Kg	☼	-52	75 - 125	18	20
Antimony	0.65	F1	10.4	8.16	F1	mg/Kg	☼	72	75 - 125	0	20
Arsenic	8.0		52.0	52.7		mg/Kg	☼	86	75 - 125	1	20
Barium	27		52.0	68.0		mg/Kg	☼	80	75 - 125	10	20
Beryllium	0.48		5.20	4.99		mg/Kg	☼	87	75 - 125	1	20
Cadmium	0.17		5.20	4.93		mg/Kg	☼	92	75 - 125	0	20
Chromium	56		52.0	100		mg/Kg	☼	85	75 - 125	8	20
Cobalt	4.7	^2	52.0	51.4		mg/Kg	☼	90	75 - 125	5	20
Copper	31	F1	52.0	55.1	F1	mg/Kg	☼	46	75 - 125	9	20
Lead	140		5.20	92.2	4	mg/Kg	☼	-922	75 - 125	6	20
Manganese	300	F2	52.0	133	4 F2	mg/Kg	☼	-314	75 - 125	79	20
Nickel	23	F2 F1	52.0	114	F1 F2	mg/Kg	☼	175	75 - 125	53	20
Silver	0.064	J F2 F1	5.20	7.37	F1 F2	mg/Kg	☼	140	75 - 125	41	20
Thallium	0.091	J	10.4	9.49		mg/Kg	☼	90	75 - 125	0	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-192708-69 MSD — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569090 — **Prep Batch: 567714**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	53	F2 F1	52.0	93.2	F2	mg/Kg	☼	77	75 - 125	26	20

Lab Sample ID: 410-192708-69 DU — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569090 — **Prep Batch: 567714**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	6700			7010		mg/Kg	☼			5	20
Antimony	0.65	F1		0.653		mg/Kg	☼			0.6	20
Arsenic	8.0			7.65		mg/Kg	☼			4	20
Barium	27			25.3		mg/Kg	☼			5	20
Beryllium	0.48			0.561		mg/Kg	☼			15	20
Cadmium	0.17			0.493	F3	mg/Kg	☼			97	20
Chromium	56			62.6		mg/Kg	☼			12	20
Cobalt	4.7	^2		4.97		mg/Kg	☼			6	20
Copper	31	F1		26.8		mg/Kg	☼			15	20
Lead	140			174	F3	mg/Kg	☼			21	20
Manganese	300	F2		178	F3	mg/Kg	☼			50	20
Nickel	23	F2 F1		27.3		mg/Kg	☼			18	20
Silver	0.064	J F2 F1		0.0598	J	mg/Kg	☼			7	20
Thallium	0.091	J		0.0572	J F5	mg/Kg	☼			46	20
Zinc	53	F2 F1		56.5		mg/Kg	☼			6	20

Lab Sample ID: MB 410-568204/1-A ^2 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570169 — **Prep Batch: 568204**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Antimony	ND		0.20	0.080	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Arsenic	ND		0.40	0.13	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Barium	ND		0.40	0.18	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Beryllium	ND		0.10	0.024	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Cadmium	ND		0.10	0.040	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Chromium	ND		0.40	0.19	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Cobalt	ND		0.20	0.080	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Copper	ND		0.40	0.18	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Lead	ND		0.20	0.076	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Manganese	ND		0.40	0.20	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Nickel	ND		0.40	0.19	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Silver	ND		0.10	0.041	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Thallium	ND		0.10	0.039	mg/Kg		10/26/24 04:11	10/31/24 18:17	2
Zinc	ND		30	4.0	mg/Kg		10/26/24 04:11	10/31/24 18:17	2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-568204/2-A ^2
Matrix: Solid
Analysis Batch: 570169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	508		mg/Kg		102	83 - 119
Antimony	10.0	10.5		mg/Kg		105	87 - 116
Arsenic	50.0	51.1		mg/Kg		102	87 - 114
Barium	50.0	52.4		mg/Kg		105	87 - 117
Beryllium	5.00	4.89		mg/Kg		98	80 - 120
Cadmium	5.00	5.24		mg/Kg		105	88 - 117
Chromium	50.0	50.9		mg/Kg		102	86 - 116
Cobalt	50.0	50.4		mg/Kg		101	85 - 115
Copper	50.0	50.0		mg/Kg		100	84 - 115
Lead	5.00	5.33		mg/Kg		107	88 - 117
Manganese	50.0	50.9		mg/Kg		102	87 - 116
Nickel	50.0	51.6		mg/Kg		103	87 - 115
Silver	5.00	5.33		mg/Kg		107	88 - 117
Thallium	10.0	10.5		mg/Kg		105	87 - 116
Zinc	50.0	51.9		mg/Kg		104	86 - 116

Lab Sample ID: MB 410-568392/1-A ^2
Matrix: Solid
Analysis Batch: 570572

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 568392

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Antimony	ND		0.20	0.080	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Arsenic	ND		0.40	0.13	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Barium	ND		0.40	0.18	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Beryllium	ND		0.10	0.024	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Cadmium	ND		0.10	0.040	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Chromium	ND		0.40	0.19	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Cobalt	ND		0.20	0.080	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Copper	ND		0.40	0.18	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Lead	ND		0.20	0.076	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Manganese	ND		0.40	0.20	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Nickel	ND		0.40	0.19	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Silver	ND		0.10	0.041	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Thallium	ND		0.10	0.039	mg/Kg		10/27/24 19:16	11/01/24 19:11	2
Zinc	ND		30	4.0	mg/Kg		10/27/24 19:16	11/01/24 19:11	2

Lab Sample ID: LCS 410-568392/2-A ^2
Matrix: Solid
Analysis Batch: 570572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568392

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	505		mg/Kg		101	83 - 119
Antimony	10.0	10.0		mg/Kg		100	87 - 116
Arsenic	50.0	50.3		mg/Kg		101	87 - 114
Barium	50.0	51.6		mg/Kg		103	87 - 117
Beryllium	5.00	4.64		mg/Kg		93	80 - 120
Cadmium	5.00	5.09		mg/Kg		102	88 - 117
Chromium	50.0	50.0		mg/Kg		100	86 - 116

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-568392/2-A ^2 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570572 — **Prep Batch: 568392**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	50.0	49.4		mg/Kg		99	85 - 115
Copper	50.0	49.4		mg/Kg		99	84 - 115
Lead	5.00	5.26		mg/Kg		105	88 - 117
Manganese	50.0	50.4		mg/Kg		101	87 - 116
Nickel	50.0	50.8		mg/Kg		102	87 - 115
Silver	5.00	5.13		mg/Kg		103	88 - 117
Thallium	10.0	10.5		mg/Kg		105	87 - 116
Zinc	50.0	50.4		mg/Kg		101	86 - 116

Lab Sample ID: 410-192708-60 MS — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570572 — **Prep Batch: 568392**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6400		563	9560	4	mg/Kg	☼	565	75 - 125
Antimony	1.3	F2 F1	11.3	16.5	F1	mg/Kg	☼	135	75 - 125
Arsenic	5.7		56.3	66.1		mg/Kg	☼	107	75 - 125
Barium	110	F2 F1	56.3	1270	E F1	mg/Kg	☼	2065	75 - 125
Beryllium	0.49		5.63	5.74		mg/Kg	☼	93	75 - 125
Cadmium	0.58		5.63	6.74		mg/Kg	☼	109	75 - 125
Chromium	33	F2 F1	56.3	111	F1	mg/Kg	☼	140	75 - 125
Cobalt	5.2		56.3	61.3		mg/Kg	☼	100	75 - 125
Copper	68	F2 F1	56.3	378	E F1	mg/Kg	☼	550	75 - 125
Lead	170	F2	5.63	631	E 4	mg/Kg	☼	8178	75 - 125
Manganese	160	F2 F1	56.3	432	F1	mg/Kg	☼	486	75 - 125
Nickel	21	F2 F1	56.3	99.3	F1	mg/Kg	☼	139	75 - 125
Silver	0.39	F2	5.63	6.95		mg/Kg	☼	116	75 - 125
Thallium	0.10	J	11.3	11.4		mg/Kg	☼	100	75 - 125

Lab Sample ID: 410-192708-60 MS — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570572 — **Prep Batch: 568392**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	200	F2 F1	56.3	781	F1	mg/Kg	☼	1028	75 - 125

Lab Sample ID: 410-192708-60 MSD — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570572 — **Prep Batch: 568392**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	6400		563	8390	4	mg/Kg	☼	358	75 - 125	13	20
Antimony	1.3	F2 F1	11.3	9.43	F2 F1	mg/Kg	☼	72	75 - 125	54	20
Arsenic	5.7		56.3	55.2		mg/Kg	☼	88	75 - 125	18	20
Barium	110	F2 F1	56.3	109	F2 F1	mg/Kg	☼	7	75 - 125	168	20
Beryllium	0.49		5.63	5.08		mg/Kg	☼	81	75 - 125	12	20
Cadmium	0.58		5.63	5.99		mg/Kg	☼	96	75 - 125	12	20
Chromium	33	F2 F1	56.3	80.3	F2	mg/Kg	☼	85	75 - 125	32	20
Cobalt	5.2		56.3	53.7		mg/Kg	☼	86	75 - 125	13	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-192708-60 MSD — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570572 — **Prep Batch: 568392**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	68	F2 F1	56.3	77.5	F2 F1	mg/Kg	☼	17	75 - 125	132	20
Lead	170	F2	5.63	166	4 F2	mg/Kg	☼	-83	75 - 125	117	20
Manganese	160	F2 F1	56.3	178	F2 F1	mg/Kg	☼	34	75 - 125	83	20
Nickel	21	F2 F1	56.3	62.0	F2 F1	mg/Kg	☼	72	75 - 125	46	20
Silver	0.39	F2	5.63	5.54	F2	mg/Kg	☼	91	75 - 125	23	20
Thallium	0.10	J	11.3	10.6		mg/Kg	☼	93	75 - 125	7	20

Lab Sample ID: 410-192708-60 MSD — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570572 — **Prep Batch: 568392**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	200	F2 F1	56.3	203	F2 F1	mg/Kg	☼	2	75 - 125	117	20

Lab Sample ID: 410-192708-60 DU — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570572 — **Prep Batch: 568392**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	6400			7320		mg/Kg	☼			14	20
Antimony	1.3	F2 F1		2.59	F3	mg/Kg	☼			68	20
Arsenic	5.7			8.38	F3	mg/Kg	☼			39	20
Barium	110	F2 F1		284	E F3	mg/Kg	☼			92	20
Beryllium	0.49			0.516		mg/Kg	☼			4	20
Cadmium	0.58			1.08	F3	mg/Kg	☼			61	20
Chromium	33	F2 F1		41.9	F3	mg/Kg	☼			25	20
Cobalt	5.2			6.25		mg/Kg	☼			18	20
Copper	68	F2 F1		162	F3	mg/Kg	☼			82	20
Lead	170	F2		478	E F3	mg/Kg	☼			95	20
Manganese	160	F2 F1		226	F3	mg/Kg	☼			35	20
Nickel	21	F2 F1		55.3	F3	mg/Kg	☼			89	20
Silver	0.39	F2		1.68	F3	mg/Kg	☼			124	20
Thallium	0.10	J		0.0914	J	mg/Kg	☼			12	20

Lab Sample ID: 410-192708-60 DU — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570572 — **Prep Batch: 568392**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Zinc	200	F2 F1		471	F3	mg/Kg	☼			80	20

Lab Sample ID: MB 410-568764/1-A ^2 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570050 — **Prep Batch: 568764**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Antimony	ND		0.20	0.080	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Arsenic	ND		0.40	0.13	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Barium	ND		0.40	0.18	mg/Kg		10/28/24 22:00	10/31/24 07:43	2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-568764/1-A ^2
Matrix: Solid
Analysis Batch: 570050

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 568764

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.10	0.024	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Cadmium	ND		0.10	0.040	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Chromium	ND		0.40	0.19	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Cobalt	ND		0.20	0.080	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Copper	ND		0.40	0.18	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Lead	ND		0.20	0.076	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Manganese	ND		0.40	0.20	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Nickel	ND		0.40	0.19	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Silver	ND		0.10	0.041	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Thallium	ND		0.10	0.039	mg/Kg		10/28/24 22:00	10/31/24 07:43	2
Zinc	ND		30	4.0	mg/Kg		10/28/24 22:00	10/31/24 07:43	2

Lab Sample ID: LCS 410-568764/2-A ^2
Matrix: Solid
Analysis Batch: 570050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568764

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	515		mg/Kg		103	83 - 119
Antimony	10.0	10.3		mg/Kg		103	87 - 116
Arsenic	50.0	51.1		mg/Kg		102	87 - 114
Barium	50.0	52.2		mg/Kg		104	87 - 117
Beryllium	5.00	4.84		mg/Kg		97	80 - 120
Cadmium	5.00	5.11		mg/Kg		102	88 - 117
Chromium	50.0	51.4		mg/Kg		103	86 - 116
Cobalt	50.0	50.9		mg/Kg		102	85 - 115
Copper	50.0	50.6		mg/Kg		101	84 - 115
Lead	5.00	5.07		mg/Kg		101	88 - 117
Manganese	50.0	50.7		mg/Kg		101	87 - 116
Nickel	50.0	52.4		mg/Kg		105	87 - 115
Silver	5.00	5.35		mg/Kg		107	88 - 117
Thallium	10.0	10.1		mg/Kg		101	87 - 116
Zinc	50.0	50.8		mg/Kg		102	86 - 116

Lab Sample ID: MB 410-568775/1-A ^2
Matrix: Solid
Analysis Batch: 572665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 568775

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Antimony	ND		0.20	0.080	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Arsenic	ND		0.40	0.13	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Barium	ND		0.40	0.18	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Beryllium	ND		0.10	0.024	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Cadmium	ND		0.10	0.040	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Chromium	ND		0.40	0.19	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Cobalt	ND		0.20	0.080	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Copper	ND		0.40	0.18	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Lead	ND		0.20	0.076	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Manganese	ND		0.40	0.20	mg/Kg		10/29/24 06:30	11/07/24 19:11	2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-568775/1-A ^2
Matrix: Solid
Analysis Batch: 572665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 568775

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.40	0.19	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Silver	ND		0.10	0.041	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Thallium	ND		0.10	0.039	mg/Kg		10/29/24 06:30	11/07/24 19:11	2
Zinc	ND		30	4.0	mg/Kg		10/29/24 06:30	11/07/24 19:11	2

Lab Sample ID: LCS 410-568775/2-A ^2
Matrix: Solid
Analysis Batch: 572665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568775

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	506		mg/Kg		101	83 - 119
Antimony	10.0	10.4		mg/Kg		104	87 - 116
Arsenic	50.0	50.7		mg/Kg		101	87 - 114
Barium	50.0	52.5		mg/Kg		105	87 - 117
Beryllium	5.00	5.17		mg/Kg		103	80 - 120
Cadmium	5.00	5.25		mg/Kg		105	88 - 117
Chromium	50.0	50.4		mg/Kg		101	86 - 116
Cobalt	50.0	52.1		mg/Kg		104	85 - 115
Copper	50.0	51.2		mg/Kg		102	84 - 115
Lead	5.00	5.21		mg/Kg		104	88 - 117
Manganese	50.0	50.7		mg/Kg		101	87 - 116
Nickel	50.0	52.9		mg/Kg		106	87 - 115
Silver	5.00	5.31		mg/Kg		106	88 - 117
Thallium	10.0	10.5		mg/Kg		105	87 - 116
Zinc	50.0	51.6		mg/Kg		103	86 - 116

Lab Sample ID: MB 410-568999/1-A ^2
Matrix: Solid
Analysis Batch: 570572

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 568999

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Antimony	ND		0.20	0.080	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Arsenic	ND		0.40	0.13	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Barium	ND		0.40	0.18	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Beryllium	ND		0.10	0.024	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Cadmium	ND		0.10	0.040	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Chromium	ND		0.40	0.19	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Cobalt	ND		0.20	0.080	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Copper	ND		0.40	0.18	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Lead	ND		0.20	0.076	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Manganese	ND		0.40	0.20	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Nickel	ND		0.40	0.19	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Silver	ND		0.10	0.041	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Thallium	ND		0.10	0.039	mg/Kg		10/30/24 06:10	11/01/24 16:15	2
Zinc	ND		30	4.0	mg/Kg		10/30/24 06:10	11/01/24 16:15	2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-568999/2-A ^2
Matrix: Solid
Analysis Batch: 570572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	504		mg/Kg		101	83 - 119
Antimony	10.0	10.1		mg/Kg		101	87 - 116
Arsenic	50.0	50.7		mg/Kg		101	87 - 114
Barium	50.0	53.2		mg/Kg		106	87 - 117
Beryllium	5.00	4.61		mg/Kg		92	80 - 120
Cadmium	5.00	5.18		mg/Kg		104	88 - 117
Chromium	50.0	50.4		mg/Kg		101	86 - 116
Cobalt	50.0	49.8		mg/Kg		100	85 - 115
Copper	50.0	49.6		mg/Kg		99	84 - 115
Lead	5.00	5.32		mg/Kg		106	88 - 117
Manganese	50.0	50.7		mg/Kg		101	87 - 116
Nickel	50.0	50.3		mg/Kg		101	87 - 115
Silver	5.00	5.23		mg/Kg		105	88 - 117
Thallium	10.0	10.5		mg/Kg		105	87 - 116
Zinc	50.0	51.1		mg/Kg		102	86 - 116

Lab Sample ID: MB 410-569001/1-A ^2
Matrix: Solid
Analysis Batch: 573133

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 569001

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Antimony	ND		0.20	0.080	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Arsenic	ND		0.40	0.13	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Barium	ND		0.40	0.18	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Beryllium	ND		0.10	0.024	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Cadmium	ND		0.10	0.040	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Chromium	ND		0.40	0.19	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Cobalt	ND		0.20	0.080	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Copper	ND		0.40	0.18	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Lead	ND		0.20	0.076	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Manganese	ND		0.40	0.20	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Nickel	ND		0.40	0.19	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Silver	ND		0.10	0.041	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Thallium	ND		0.10	0.039	mg/Kg		11/04/24 06:25	11/08/24 16:23	2
Zinc	ND		30	4.0	mg/Kg		11/04/24 06:25	11/08/24 16:23	2

Lab Sample ID: LCS 410-569001/2-A ^2
Matrix: Solid
Analysis Batch: 573133

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 569001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	501		mg/Kg		100	83 - 119
Antimony	10.0	10.0		mg/Kg		100	87 - 116
Arsenic	50.0	49.9		mg/Kg		100	87 - 114
Barium	50.0	50.6		mg/Kg		101	87 - 117
Beryllium	5.00	4.89		mg/Kg		98	80 - 120
Cadmium	5.00	5.03		mg/Kg		101	88 - 117
Chromium	50.0	49.9		mg/Kg		100	86 - 116

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-569001/2-A ^2 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573133 — **Prep Batch: 569001**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	50.0	50.6		mg/Kg		101	85 - 115
Copper	50.0	50.3		mg/Kg		101	84 - 115
Lead	5.00	5.29		mg/Kg		106	88 - 117
Manganese	50.0	50.3		mg/Kg		101	87 - 116
Nickel	50.0	51.6		mg/Kg		103	87 - 115
Silver	5.00	5.19		mg/Kg		104	88 - 117
Thallium	10.0	10.1		mg/Kg		101	87 - 116
Zinc	50.0	51.0		mg/Kg		102	86 - 116

Lab Sample ID: 410-192708-42 MS — **Client Sample ID: C-2S_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573133 — **Prep Batch: 569001**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	14000		485	18500	E 4	mg/Kg	☼	1001	75 - 125
Antimony	0.41	F1	9.70	4.32	F1	mg/Kg	☼	40	75 - 125
Arsenic	31	F1	48.5	61.2	F1	mg/Kg	☼	63	75 - 125
Barium	44		48.5	95.7		mg/Kg	☼	108	75 - 125
Beryllium	1.2		4.85	5.77		mg/Kg	☼	95	75 - 125
Cadmium	0.16		4.85	4.73		mg/Kg	☼	94	75 - 125
Chromium	89		48.5	132		mg/Kg	☼	88	75 - 125
Cobalt	2.8		48.5	48.3		mg/Kg	☼	94	75 - 125
Copper	9.3		48.5	50.7		mg/Kg	☼	85	75 - 125
Lead	27		4.85	21.5	4	mg/Kg	☼	-111	75 - 125
Manganese	75	F1	48.5	101	F1	mg/Kg	☼	53	75 - 125
Nickel	18		48.5	62.3		mg/Kg	☼	92	75 - 125
Silver	ND		4.85	4.80		mg/Kg	☼	99	75 - 125
Thallium	0.18		9.70	8.76		mg/Kg	☼	88	75 - 125
Zinc	50	F1	48.5	84.9	F1	mg/Kg	☼	71	75 - 125

Lab Sample ID: 410-192708-42 MSD — **Client Sample ID: C-2S_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573133 — **Prep Batch: 569001**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	14000		530	19500	E 4	mg/Kg	☼	1089	75 - 125	5	20
Antimony	0.41	F1	10.6	5.10	F1	mg/Kg	☼	44	75 - 125	17	20
Arsenic	31	F1	53.0	65.4	F1	mg/Kg	☼	65	75 - 125	7	20
Barium	44		53.0	101		mg/Kg	☼	109	75 - 125	6	20
Beryllium	1.2		5.30	6.33		mg/Kg	☼	98	75 - 125	9	20
Cadmium	0.16		5.30	5.42		mg/Kg	☼	99	75 - 125	14	20
Chromium	89		53.0	140		mg/Kg	☼	96	75 - 125	6	20
Cobalt	2.8		53.0	53.7		mg/Kg	☼	96	75 - 125	11	20
Copper	9.3		53.0	56.4		mg/Kg	☼	89	75 - 125	11	20
Lead	27		5.30	21.5	4	mg/Kg	☼	-101	75 - 125	0	20
Manganese	75	F1	53.0	106	F1	mg/Kg	☼	59	75 - 125	5	20
Nickel	18		53.0	66.4		mg/Kg	☼	92	75 - 125	6	20
Silver	ND		5.30	5.45		mg/Kg	☼	103	75 - 125	13	20
Thallium	0.18		10.6	10.0		mg/Kg	☼	93	75 - 125	13	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-192708-42 MSD — **Client Sample ID: C-2S_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573133 — **Prep Batch: 569001**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	50	F1	53.0	91.1		mg/Kg	☼	77	75 - 125	7	20

Lab Sample ID: 410-192708-42 DU — **Client Sample ID: C-2S_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573133 — **Prep Batch: 569001**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	14000			12900		mg/Kg	☼			6	20
Antimony	0.41	F1		0.223	F5	mg/Kg	☼			59	20
Arsenic	31	F1		15.6	F3	mg/Kg	☼			65	20
Barium	44			33.1	F3	mg/Kg	☼			27	20
Beryllium	1.2			0.930	F3	mg/Kg	☼			21	20
Cadmium	0.16			0.0652	J F3	mg/Kg	☼			85	20
Chromium	89			78.6		mg/Kg	☼			13	20
Cobalt	2.8			2.38		mg/Kg	☼			16	20
Copper	9.3			5.22	F3	mg/Kg	☼			56	20
Lead	27			14.9	F3	mg/Kg	☼			57	20
Manganese	75	F1		50.7	F3	mg/Kg	☼			39	20
Nickel	18			14.4		mg/Kg	☼			20	20
Silver	ND			ND		mg/Kg	☼			NC	20
Thallium	0.18			0.0905	F5	mg/Kg	☼			68	20
Zinc	50	F1		34.3	F5	mg/Kg	☼			38	20

Lab Sample ID: MB 410-571734/1-A ^2 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574185 — **Prep Batch: 571734**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Antimony	ND		0.20	0.080	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Arsenic	ND		0.40	0.13	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Barium	ND		0.40	0.18	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Beryllium	ND		0.10	0.024	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Cadmium	ND		0.10	0.040	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Chromium	ND		0.40	0.19	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Cobalt	ND		0.20	0.080	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Copper	ND		0.40	0.18	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Lead	ND		0.20	0.076	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Manganese	ND		0.40	0.20	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Nickel	ND		0.40	0.19	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Silver	ND		0.10	0.041	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Thallium	ND		0.10	0.039	mg/Kg		11/10/24 03:39	11/12/24 11:04	2
Zinc	ND		30	4.0	mg/Kg		11/10/24 03:39	11/12/24 11:04	2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-571734/2-A ^2 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574185 — **Prep Batch: 571734**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	512		mg/Kg		102	83 - 119
Antimony	10.0	10.5		mg/Kg		105	87 - 116
Arsenic	50.0	51.9		mg/Kg		104	87 - 114
Barium	50.0	52.5		mg/Kg		105	87 - 117
Beryllium	5.00	5.14		mg/Kg		103	80 - 120
Cadmium	5.00	5.41		mg/Kg		108	88 - 117
Chromium	50.0	51.8		mg/Kg		104	86 - 116
Cobalt	50.0	51.9		mg/Kg		104	85 - 115
Copper	50.0	52.1		mg/Kg		104	84 - 115
Lead	5.00	5.24		mg/Kg		105	88 - 117
Manganese	50.0	52.2		mg/Kg		104	87 - 116
Nickel	50.0	51.8		mg/Kg		104	87 - 115
Silver	5.00	5.27		mg/Kg		105	88 - 117
Thallium	10.0	10.4		mg/Kg		104	87 - 116
Zinc	50.0	51.8		mg/Kg		104	86 - 116

Lab Sample ID: 410-192708-94 MS — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574185 — **Prep Batch: 571734**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	23000		1070	24200	4	mg/Kg	☼	143	75 - 125
Antimony	2.6	F1	21.5	14.1	F1	mg/Kg	☼	54	75 - 125
Arsenic	25		107	125		mg/Kg	☼	93	75 - 125
Barium	150	F1	107	241		mg/Kg	☼	85	75 - 125
Beryllium	2.0		10.7	11.4		mg/Kg	☼	87	75 - 125
Cadmium	4.4		10.7	13.6		mg/Kg	☼	86	75 - 125
Chromium	260	F1	107	329	F1	mg/Kg	☼	65	75 - 125
Cobalt	14		107	113		mg/Kg	☼	92	75 - 125
Copper	86	^2	107	180		mg/Kg	☼	88	75 - 125
Lead	210	F2	10.7	181	4	mg/Kg	☼	-270	75 - 125
Manganese	350		107	468		mg/Kg	☼	107	75 - 125
Nickel	120	^2 F1	107	198	F1	mg/Kg	☼	71	75 - 125
Silver	0.28		10.7	10.9		mg/Kg	☼	99	75 - 125
Thallium	0.19	J	21.5	20.1		mg/Kg	☼	93	75 - 125

Lab Sample ID: 410-192708-94 MS — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574185 — **Prep Batch: 571734**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	810		107	880	4	mg/Kg	☼	61	75 - 125

Lab Sample ID: 410-192708-94 MSD — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574185 — **Prep Batch: 571734**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	23000		879	26200	4	mg/Kg	☼	409	75 - 125	8	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-192708-94 MSD — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574185 — **Prep Batch: 571734**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	2.6	F1	17.6	13.8	F1	mg/Kg	☼	64	75 - 125	2	20
Arsenic	25		87.9	124		mg/Kg	☼	112	75 - 125	1	20
Barium	150	F1	87.9	277	F1	mg/Kg	☼	145	75 - 125	14	20
Beryllium	2.0		8.79	10.6		mg/Kg	☼	98	75 - 125	7	20
Cadmium	4.4		8.79	12.3		mg/Kg	☼	90	75 - 125	10	20
Chromium	260	F1	87.9	319	E F1	mg/Kg	☼	67	75 - 125	3	20
Cobalt	14		87.9	101		mg/Kg	☼	99	75 - 125	11	20
Copper	86	^2	87.9	156		mg/Kg	☼	79	75 - 125	14	20
Lead	210	F2	8.79	251	4 F2	mg/Kg	☼	457	75 - 125	32	20
Manganese	350		87.9	501	4	mg/Kg	☼	169	75 - 125	7	20
Nickel	120	^2 F1	87.9	187		mg/Kg	☼	75	75 - 125	6	20
Silver	0.28		8.79	9.76		mg/Kg	☼	108	75 - 125	11	20
Thallium	0.19	J	17.6	17.5		mg/Kg	☼	99	75 - 125	14	20

Lab Sample ID: 410-192708-94 MSD — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574185 — **Prep Batch: 571734**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	810		87.9	782	4	mg/Kg	☼	-36	75 - 125	12	20

Lab Sample ID: 410-192708-94 DU — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574185 — **Prep Batch: 571734**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	23000			21700		mg/Kg	☼			4	20
Antimony	2.6	F1		2.53		mg/Kg	☼			0.9	20
Arsenic	25			24.9		mg/Kg	☼			1	20
Barium	150	F1		148		mg/Kg	☼			0.8	20
Beryllium	2.0			1.94		mg/Kg	☼			5	20
Cadmium	4.4			5.09		mg/Kg	☼			14	20
Chromium	260	F1		254		mg/Kg	☼			2	20
Cobalt	14			14.8		mg/Kg	☼			3	20
Copper	86	^2		87.2		mg/Kg	☼			1	20
Lead	210	F2		188		mg/Kg	☼			11	20
Manganese	350			473	F3	mg/Kg	☼			29	20
Nickel	120	^2 F1		123		mg/Kg	☼			1	20
Silver	0.28			0.272		mg/Kg	☼			2	20
Thallium	0.19	J		0.171	J	mg/Kg	☼			12	20

Lab Sample ID: 410-192708-94 DU — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574185 — **Prep Batch: 571734**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Zinc	810			898		mg/Kg	☼			10	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-572697/1-A ^2
Matrix: Solid
Analysis Batch: 575733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Antimony	ND		0.20	0.080	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Arsenic	ND		0.40	0.13	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Barium	ND		0.40	0.18	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Beryllium	0.0710	J	0.10	0.024	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Cadmium	ND		0.10	0.040	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Chromium	ND		0.40	0.19	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Cobalt	ND		0.20	0.080	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Copper	ND		0.40	0.18	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Lead	ND		0.20	0.076	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Manganese	ND		0.40	0.20	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Silver	ND		0.10	0.041	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Thallium	ND		0.10	0.039	mg/Kg		11/08/24 20:00	11/15/24 13:53	2
Zinc	ND		30	4.0	mg/Kg		11/08/24 20:00	11/15/24 13:53	2

Lab Sample ID: MB 410-572697/1-A ^2
Matrix: Solid
Analysis Batch: 576325

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.40	0.19	mg/Kg		11/08/24 20:00	11/18/24 08:19	2

Lab Sample ID: LCS 410-572697/2-A ^2
Matrix: Solid
Analysis Batch: 575733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	495		mg/Kg		99	83 - 119
Antimony	10.0	9.70		mg/Kg		97	87 - 116
Arsenic	50.0	51.2		mg/Kg		102	87 - 114
Barium	50.0	49.1		mg/Kg		98	87 - 117
Beryllium	5.00	4.86		mg/Kg		97	80 - 120
Cadmium	5.00	5.02		mg/Kg		100	88 - 117
Chromium	50.0	50.3		mg/Kg		101	86 - 116
Cobalt	50.0	50.6		mg/Kg		101	85 - 115
Copper	50.0	50.5		mg/Kg		101	84 - 115
Lead	5.00	5.20		mg/Kg		104	88 - 117
Manganese	50.0	50.0		mg/Kg		100	87 - 116
Silver	5.00	5.24		mg/Kg		105	88 - 117
Thallium	10.0	10.3		mg/Kg		103	87 - 116
Zinc	50.0	50.4		mg/Kg		101	86 - 116

Lab Sample ID: LCS 410-572697/2-A ^2
Matrix: Solid
Analysis Batch: 576325

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	50.0	54.7		mg/Kg		109	87 - 115

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-575814/1-A ^2
Matrix: Solid
Analysis Batch: 578514

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 575814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Antimony	ND		0.20	0.080	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Arsenic	ND		0.40	0.13	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Barium	ND		0.40	0.18	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Beryllium	ND		0.10	0.024	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Cadmium	ND		0.10	0.040	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Chromium	ND		0.40	0.19	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Cobalt	ND		0.20	0.080	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Copper	ND		0.40	0.18	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Lead	ND		0.20	0.076	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Manganese	ND		0.40	0.20	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Nickel	ND		0.40	0.19	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Silver	ND		0.10	0.041	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Thallium	ND		0.10	0.039	mg/Kg		11/15/24 20:00	11/22/24 11:43	2
Zinc	ND		30	4.0	mg/Kg		11/15/24 20:00	11/22/24 11:43	2

Lab Sample ID: LCS 410-575814/2-A ^2
Matrix: Solid
Analysis Batch: 578514

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 575814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	496		mg/Kg		99	83 - 119
Antimony	10.0	9.72		mg/Kg		97	87 - 116
Arsenic	50.0	48.8		mg/Kg		98	87 - 114
Barium	50.0	49.8		mg/Kg		100	87 - 117
Beryllium	5.00	4.88		mg/Kg		98	80 - 120
Cadmium	5.00	4.90		mg/Kg		98	88 - 117
Chromium	50.0	48.6		mg/Kg		97	86 - 116
Cobalt	50.0	49.0		mg/Kg		98	85 - 115
Copper	50.0	48.3		mg/Kg		97	84 - 115
Lead	5.00	5.03		mg/Kg		101	88 - 117
Manganese	50.0	49.4		mg/Kg		99	87 - 116
Nickel	50.0	49.2		mg/Kg		98	87 - 115
Silver	5.00	5.07		mg/Kg		101	88 - 117
Thallium	10.0	9.93		mg/Kg		99	87 - 116
Zinc	50.0	49.0		mg/Kg		98	86 - 116

Lab Sample ID: MB 410-576498/1-A ^2
Matrix: Solid
Analysis Batch: 577105

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 576498

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	9.9	mg/Kg		11/18/24 21:00	11/19/24 14:51	2
Antimony	ND		0.20	0.080	mg/Kg		11/18/24 21:00	11/19/24 14:51	2
Arsenic	ND		0.40	0.13	mg/Kg		11/18/24 21:00	11/19/24 14:51	2
Barium	ND		0.40	0.18	mg/Kg		11/18/24 21:00	11/19/24 14:51	2
Beryllium	ND		0.10	0.024	mg/Kg		11/18/24 21:00	11/19/24 14:51	2
Cadmium	ND		0.10	0.040	mg/Kg		11/18/24 21:00	11/19/24 14:51	2
Chromium	ND		0.40	0.19	mg/Kg		11/18/24 21:00	11/19/24 14:51	2

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-576498/1-A ^2 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 577105 — **Prep Batch: 576498**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.20	0.080	mg/Kg		11/18/24 21:00	11/19/24 14:51	2
Copper	ND		0.40	0.18	mg/Kg		11/18/24 21:00	11/19/24 14:51	2
Lead	ND		0.20	0.076	mg/Kg		11/18/24 21:00	11/19/24 14:51	2
Manganese	ND		0.40	0.20	mg/Kg		11/18/24 21:00	11/19/24 14:51	2
Silver	ND		0.10	0.041	mg/Kg		11/18/24 21:00	11/19/24 14:51	2
Thallium	ND		0.10	0.039	mg/Kg		11/18/24 21:00	11/19/24 14:51	2
Zinc	ND		30	4.0	mg/Kg		11/18/24 21:00	11/19/24 14:51	2

Lab Sample ID: MB 410-576498/1-A ^2 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 577644 — **Prep Batch: 576498**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.40	0.19	mg/Kg		11/18/24 21:00	11/20/24 16:41	2

Lab Sample ID: LCS 410-576498/2-A ^2 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 577105 — **Prep Batch: 576498**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	484		mg/Kg		97	83 - 119
Antimony	10.0	9.74		mg/Kg		97	87 - 116
Arsenic	50.0	47.5		mg/Kg		95	87 - 114
Barium	50.0	50.5		mg/Kg		101	87 - 117
Beryllium	5.00	5.03		mg/Kg		101	80 - 120
Cadmium	5.00	4.91		mg/Kg		98	88 - 117
Chromium	50.0	47.0		mg/Kg		94	86 - 116
Cobalt	50.0	48.9		mg/Kg		98	85 - 115
Copper	50.0	47.1		mg/Kg		94	84 - 115
Lead	5.00	4.97		mg/Kg		99	88 - 117
Manganese	50.0	48.2		mg/Kg		96	87 - 116
Silver	5.00	4.94		mg/Kg		99	88 - 117
Thallium	10.0	9.91		mg/Kg		99	87 - 116
Zinc	50.0	48.0		mg/Kg		96	86 - 116

Lab Sample ID: LCS 410-576498/2-A ^2 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 577644 — **Prep Batch: 576498**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	50.0	51.8		mg/Kg		104	87 - 115

Lab Sample ID: 410-192708-95 MS — **Client Sample ID: SED-02_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 577105 — **Prep Batch: 576498**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8300		612	14200	4	mg/Kg	☼	975	75 - 125
Antimony	0.56	F1 F2	12.2	9.72		mg/Kg	☼	75	75 - 125
Arsenic	13	F2	61.2	77.7		mg/Kg	☼	106	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-192708-95 MS — **Client Sample ID: SED-02_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 577105 — **Prep Batch: 576498**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	35		61.2	111		mg/Kg	☼	123	75 - 125
Beryllium	1.2	F2	6.12	7.81		mg/Kg	☼	108	75 - 125
Cadmium	0.57	F2	6.12	6.92		mg/Kg	☼	104	75 - 125
Chromium	110	F1	61.2	203	F1	mg/Kg	☼	154	75 - 125
Cobalt	4.0	F2	61.2	62.6		mg/Kg	☼	96	75 - 125
Copper	7.9	F2	61.2	68.8		mg/Kg	☼	100	75 - 125
Lead	38		6.12	60.6	4	mg/Kg	☼	364	75 - 125
Manganese	170	F1 F2	61.2	252	F1	mg/Kg	☼	133	75 - 125
Silver	0.051	J F2	6.12	6.34		mg/Kg	☼	103	75 - 125
Thallium	0.070	J F2	12.2	12.2		mg/Kg	☼	99	75 - 125
Zinc	100	F1	61.2	180	F1	mg/Kg	☼	128	75 - 125

Lab Sample ID: 410-192708-95 MS — **Client Sample ID: SED-02_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 577644 — **Prep Batch: 576498**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	21		61.2	85.0		mg/Kg	☼	104	75 - 125

Lab Sample ID: 410-192708-95 MSD — **Client Sample ID: SED-02_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 577105 — **Prep Batch: 576498**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	8300		494	12100	4	mg/Kg	☼	776	75 - 125	16	20
Antimony	0.56	F1 F2	9.88	6.67	F1 F2	mg/Kg	☼	62	75 - 125	37	20
Arsenic	13	F2	49.4	61.4	F2	mg/Kg	☼	99	75 - 125	23	20
Barium	35		49.4	90.4		mg/Kg	☼	111	75 - 125	20	20
Beryllium	1.2	F2	4.94	6.23	F2	mg/Kg	☼	102	75 - 125	23	20
Cadmium	0.57	F2	4.94	5.44	F2	mg/Kg	☼	99	75 - 125	24	20
Chromium	110	F1	49.4	186	E F1	mg/Kg	☼	157	75 - 125	9	20
Cobalt	4.0	F2	49.4	46.6	F2	mg/Kg	☼	86	75 - 125	29	20
Copper	7.9	F2	49.4	54.5	F2	mg/Kg	☼	94	75 - 125	23	20
Lead	38		4.94	50.5	4	mg/Kg	☼	247	75 - 125	18	20
Manganese	170	F1 F2	49.4	190	F1 F2	mg/Kg	☼	41	75 - 125	28	20
Silver	0.051	J F2	4.94	4.82	F2	mg/Kg	☼	96	75 - 125	27	20
Thallium	0.070	J F2	9.88	9.15	F2	mg/Kg	☼	92	75 - 125	29	20
Zinc	100	F1	49.4	159		mg/Kg	☼	116	75 - 125	12	20

Lab Sample ID: 410-192708-95 MSD — **Client Sample ID: SED-02_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 577644 — **Prep Batch: 576498**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nickel	21		49.4	81.2		mg/Kg	☼	121	75 - 125	5	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-192708-95 DU
Matrix: Solid
Analysis Batch: 577105

Client Sample ID: SED-02_0-1_20241101
Prep Type: Total/NA
Prep Batch: 576498

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	8300		8560		mg/Kg	☼	3	20
Antimony	0.56	F1 F2	0.647		mg/Kg	☼	15	20
Arsenic	13	F2	14.5		mg/Kg	☼	13	20
Barium	35		35.9		mg/Kg	☼	2	20
Beryllium	1.2	F2	1.38		mg/Kg	☼	14	20
Cadmium	0.57	F2	0.664		mg/Kg	☼	14	20
Chromium	110	F1	117		mg/Kg	☼	7	20
Cobalt	4.0	F2	4.78		mg/Kg	☼	19	20
Copper	7.9	F2	8.16		mg/Kg	☼	3	20
Lead	38		46.8		mg/Kg	☼	20	20
Manganese	170	F1 F2	161		mg/Kg	☼	5	20
Silver	0.051	J F2	ND		mg/Kg	☼	NC	20
Thallium	0.070	J F2	0.0570	J F5	mg/Kg	☼	21	20
Zinc	100	F1	118		mg/Kg	☼	14	20

Lab Sample ID: 410-192708-95 DU
Matrix: Solid
Analysis Batch: 577644

Client Sample ID: SED-02_0-1_20241101
Prep Type: Total/NA
Prep Batch: 576498

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nickel	21		25.2		mg/Kg	☼	16	20

Lab Sample ID: MB 410-564941/1-A
Matrix: Water
Analysis Batch: 568417

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 564941

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		10/21/24 06:25	10/27/24 11:02	1
Antimony	ND		1.0	0.20	ug/L		10/21/24 06:25	10/27/24 11:02	1
Arsenic	ND		2.0	0.68	ug/L		10/21/24 06:25	10/27/24 11:02	1
Barium	ND		2.0	0.75	ug/L		10/21/24 06:25	10/27/24 11:02	1
Beryllium	ND		0.50	0.12	ug/L		10/21/24 06:25	10/27/24 11:02	1
Cadmium	ND		0.50	0.15	ug/L		10/21/24 06:25	10/27/24 11:02	1
Chromium	ND		2.0	0.55	ug/L		10/21/24 06:25	10/27/24 11:02	1
Cobalt	ND		0.50	0.16	ug/L		10/21/24 06:25	10/27/24 11:02	1
Copper	ND		1.0	0.36	ug/L		10/21/24 06:25	10/27/24 11:02	1
Lead	ND		0.50	0.12	ug/L		10/21/24 06:25	10/27/24 11:02	1
Manganese	ND		2.0	0.95	ug/L		10/21/24 06:25	10/27/24 11:02	1
Nickel	ND		1.0	0.40	ug/L		10/21/24 06:25	10/27/24 11:02	1
Silver	ND		0.50	0.10	ug/L		10/21/24 06:25	10/27/24 11:02	1
Thallium	ND		0.50	0.13	ug/L		10/21/24 06:25	10/27/24 11:02	1
Zinc	ND		10	4.0	ug/L		10/21/24 06:25	10/27/24 11:02	1

Lab Sample ID: LCS 410-564941/2-A
Matrix: Water
Analysis Batch: 568417

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 564941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	5080		ug/L		102	90 - 110

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-564941/2-A
Matrix: Water
Analysis Batch: 568417

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 564941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	102		ug/L		102	90 - 115
Arsenic	500	498		ug/L		100	90 - 109
Barium	500	514		ug/L		103	90 - 113
Beryllium	50.0	54.3		ug/L		109	82 - 120
Cadmium	50.0	50.9		ug/L		102	90 - 112
Chromium	500	504		ug/L		101	90 - 110
Cobalt	500	512		ug/L		102	90 - 110
Copper	500	504		ug/L		101	90 - 110
Lead	50.0	50.8		ug/L		102	90 - 110
Manganese	500	509		ug/L		102	90 - 111
Nickel	500	497		ug/L		99	90 - 109
Silver	50.0	51.5		ug/L		103	90 - 112
Thallium	100	101		ug/L		101	90 - 110
Zinc	500	488		ug/L		98	90 - 112

Lab Sample ID: MB 410-565692/1-A
Matrix: Water
Analysis Batch: 569591

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 565692

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.50	0.12	ug/L		10/22/24 07:25	10/30/24 12:10	1
Nickel	ND		1.0	0.40	ug/L		10/22/24 07:25	10/30/24 12:10	1

Lab Sample ID: MB 410-565692/1-A
Matrix: Water
Analysis Batch: 569745

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 565692

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		10/22/24 07:25	10/30/24 17:00	1
Antimony	ND		1.0	0.20	ug/L		10/22/24 07:25	10/30/24 17:00	1
Arsenic	ND		2.0	0.68	ug/L		10/22/24 07:25	10/30/24 17:00	1
Barium	ND		2.0	0.75	ug/L		10/22/24 07:25	10/30/24 17:00	1
Cadmium	ND		0.50	0.15	ug/L		10/22/24 07:25	10/30/24 17:00	1
Chromium	ND		2.0	0.55	ug/L		10/22/24 07:25	10/30/24 17:00	1
Cobalt	ND		0.50	0.16	ug/L		10/22/24 07:25	10/30/24 17:00	1
Copper	ND		1.0	0.36	ug/L		10/22/24 07:25	10/30/24 17:00	1
Lead	ND		0.50	0.12	ug/L		10/22/24 07:25	10/30/24 17:00	1
Manganese	ND		2.0	0.95	ug/L		10/22/24 07:25	10/30/24 17:00	1
Silver	ND		0.50	0.10	ug/L		10/22/24 07:25	10/30/24 17:00	1
Thallium	ND		0.50	0.13	ug/L		10/22/24 07:25	10/30/24 17:00	1
Zinc	ND		10	4.0	ug/L		10/22/24 07:25	10/30/24 17:00	1

Lab Sample ID: LCS 410-565692/2-A
Matrix: Water
Analysis Batch: 569591

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 565692

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	50.0	48.5		ug/L		97	82 - 120
Nickel	500	495		ug/L		99	90 - 109

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-565692/2-A
Matrix: Water
Analysis Batch: 569745

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 565692

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	4900		ug/L		98	90 - 110
Antimony	100	96.6		ug/L		97	90 - 115
Arsenic	500	492		ug/L		98	90 - 109
Barium	500	489		ug/L		98	90 - 113
Cadmium	50.0	48.5		ug/L		97	90 - 112
Chromium	500	484		ug/L		97	90 - 110
Cobalt	500	485		ug/L		97	90 - 110
Copper	500	484		ug/L		97	90 - 110
Lead	50.0	49.5		ug/L		99	90 - 110
Manganese	500	491		ug/L		98	90 - 111
Silver	50.0	49.6		ug/L		99	90 - 112
Thallium	100	98.3		ug/L		98	90 - 110
Zinc	500	488		ug/L		98	90 - 112

Lab Sample ID: MB 410-569414/1-A
Matrix: Water
Analysis Batch: 571257

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 569414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		10/30/24 21:00	11/04/24 22:29	1
Antimony	ND		1.0	0.20	ug/L		10/30/24 21:00	11/04/24 22:29	1
Arsenic	ND		2.0	0.68	ug/L		10/30/24 21:00	11/04/24 22:29	1
Barium	ND		2.0	0.75	ug/L		10/30/24 21:00	11/04/24 22:29	1
Beryllium	ND		0.50	0.12	ug/L		10/30/24 21:00	11/04/24 22:29	1
Cadmium	ND		0.50	0.15	ug/L		10/30/24 21:00	11/04/24 22:29	1
Chromium	ND		2.0	0.55	ug/L		10/30/24 21:00	11/04/24 22:29	1
Cobalt	ND		0.50	0.16	ug/L		10/30/24 21:00	11/04/24 22:29	1
Copper	ND		1.0	0.36	ug/L		10/30/24 21:00	11/04/24 22:29	1
Lead	ND		0.50	0.12	ug/L		10/30/24 21:00	11/04/24 22:29	1
Manganese	ND		2.0	0.95	ug/L		10/30/24 21:00	11/04/24 22:29	1
Nickel	ND		1.0	0.40	ug/L		10/30/24 21:00	11/04/24 22:29	1
Silver	ND		0.50	0.10	ug/L		10/30/24 21:00	11/04/24 22:29	1
Thallium	ND		0.50	0.13	ug/L		10/30/24 21:00	11/04/24 22:29	1
Zinc	ND		10	4.0	ug/L		10/30/24 21:00	11/04/24 22:29	1

Lab Sample ID: LCS 410-569414/2-A
Matrix: Water
Analysis Batch: 571257

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 569414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	4900		ug/L		98	90 - 110
Antimony	100	98.5		ug/L		98	90 - 115
Arsenic	500	487		ug/L		97	90 - 109
Barium	500	501		ug/L		100	90 - 113
Beryllium	50.0	50.3		ug/L		101	82 - 120
Cadmium	50.0	49.2		ug/L		98	90 - 112
Chromium	500	486		ug/L		97	90 - 110
Cobalt	500	479		ug/L		96	90 - 110
Copper	500	481		ug/L		96	90 - 110

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-569414/2-A
Matrix: Water
Analysis Batch: 571257

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 569414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.0	49.4		ug/L		99	90 - 110
Manganese	500	488		ug/L		98	90 - 111
Nickel	500	484		ug/L		97	90 - 109
Silver	50.0	50.3		ug/L		101	90 - 112
Thallium	100	96.8		ug/L		97	90 - 110
Zinc	500	489		ug/L		98	90 - 112

Lab Sample ID: MB 410-569417/1-A
Matrix: Water
Analysis Batch: 571257

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 569417

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		10/31/24 20:30	11/05/24 01:45	1
Antimony	ND		1.0	0.20	ug/L		10/31/24 20:30	11/05/24 01:45	1
Arsenic	ND		2.0	0.68	ug/L		10/31/24 20:30	11/05/24 01:45	1
Barium	ND		2.0	0.75	ug/L		10/31/24 20:30	11/05/24 01:45	1
Beryllium	ND		0.50	0.12	ug/L		10/31/24 20:30	11/05/24 01:45	1
Cadmium	ND		0.50	0.15	ug/L		10/31/24 20:30	11/05/24 01:45	1
Chromium	ND		2.0	0.55	ug/L		10/31/24 20:30	11/05/24 01:45	1
Cobalt	ND		0.50	0.16	ug/L		10/31/24 20:30	11/05/24 01:45	1
Copper	ND		1.0	0.36	ug/L		10/31/24 20:30	11/05/24 01:45	1
Lead	ND		0.50	0.12	ug/L		10/31/24 20:30	11/05/24 01:45	1
Manganese	ND		2.0	0.95	ug/L		10/31/24 20:30	11/05/24 01:45	1
Nickel	ND		1.0	0.40	ug/L		10/31/24 20:30	11/05/24 01:45	1
Silver	ND		0.50	0.10	ug/L		10/31/24 20:30	11/05/24 01:45	1
Thallium	ND		0.50	0.13	ug/L		10/31/24 20:30	11/05/24 01:45	1
Zinc	ND		10	4.0	ug/L		10/31/24 20:30	11/05/24 01:45	1

Lab Sample ID: LCS 410-569417/2-A
Matrix: Water
Analysis Batch: 571257

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 569417

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	4880		ug/L		98	90 - 110
Antimony	100	97.7		ug/L		98	90 - 115
Arsenic	500	493		ug/L		99	90 - 109
Barium	500	504		ug/L		101	90 - 113
Beryllium	50.0	49.3		ug/L		99	82 - 120
Cadmium	50.0	49.7		ug/L		99	90 - 112
Chromium	500	493		ug/L		99	90 - 110
Cobalt	500	488		ug/L		98	90 - 110
Copper	500	490		ug/L		98	90 - 110
Lead	50.0	50.0		ug/L		100	90 - 110
Manganese	500	488		ug/L		98	90 - 111
Nickel	500	488		ug/L		98	90 - 109
Silver	50.0	50.8		ug/L		102	90 - 112
Thallium	100	97.9		ug/L		98	90 - 110
Zinc	500	499		ug/L		100	90 - 112

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-569431/1-A
Matrix: Water
Analysis Batch: 571255

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 569431

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		11/03/24 21:00	11/04/24 22:00	1
Antimony	ND		1.0	0.20	ug/L		11/03/24 21:00	11/04/24 22:00	1
Arsenic	ND		2.0	0.68	ug/L		11/03/24 21:00	11/04/24 22:00	1
Barium	ND		2.0	0.75	ug/L		11/03/24 21:00	11/04/24 22:00	1
Beryllium	ND		0.50	0.12	ug/L		11/03/24 21:00	11/04/24 22:00	1
Cadmium	ND		0.50	0.15	ug/L		11/03/24 21:00	11/04/24 22:00	1
Chromium	ND		2.0	0.55	ug/L		11/03/24 21:00	11/04/24 22:00	1
Cobalt	ND		0.50	0.16	ug/L		11/03/24 21:00	11/04/24 22:00	1
Copper	ND		1.0	0.36	ug/L		11/03/24 21:00	11/04/24 22:00	1
Lead	ND		0.50	0.12	ug/L		11/03/24 21:00	11/04/24 22:00	1
Manganese	ND		2.0	0.95	ug/L		11/03/24 21:00	11/04/24 22:00	1
Silver	ND		0.50	0.10	ug/L		11/03/24 21:00	11/04/24 22:00	1
Thallium	ND		0.50	0.13	ug/L		11/03/24 21:00	11/04/24 22:00	1
Zinc	ND		10	4.0	ug/L		11/03/24 21:00	11/04/24 22:00	1

Lab Sample ID: MB 410-569431/1-A
Matrix: Water
Analysis Batch: 571677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 569431

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		1.0	0.40	ug/L		11/03/24 21:00	11/05/24 17:14	1

Lab Sample ID: LCS 410-569431/2-A
Matrix: Water
Analysis Batch: 571255

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 569431

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	5100		ug/L		102	90 - 110
Antimony	100	103		ug/L		103	90 - 115
Arsenic	500	498		ug/L		100	90 - 109
Barium	500	514		ug/L		103	90 - 113
Beryllium	50.0	52.5		ug/L		105	82 - 120
Cadmium	50.0	51.4		ug/L		103	90 - 112
Chromium	500	496		ug/L		99	90 - 110
Cobalt	500	522		ug/L		104	90 - 110
Copper	500	490		ug/L		98	90 - 110
Lead	50.0	52.8		ug/L		106	90 - 110
Manganese	500	507		ug/L		101	90 - 111
Silver	50.0	52.6		ug/L		105	90 - 112
Thallium	100	103		ug/L		103	90 - 110
Zinc	500	495		ug/L		99	90 - 112

Lab Sample ID: LCS 410-569431/2-A
Matrix: Water
Analysis Batch: 571677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 569431

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	500	493		ug/L		99	90 - 109

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 410-569431/3-A
Matrix: Water
Analysis Batch: 571255

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 569431

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5000	5030		ug/L		101	90 - 110	1	20
Antimony	100	103		ug/L		103	90 - 115	0	20
Arsenic	500	498		ug/L		100	90 - 109	0	20
Barium	500	503		ug/L		101	90 - 113	2	20
Beryllium	50.0	52.0		ug/L		104	82 - 120	1	20
Cadmium	50.0	50.5		ug/L		101	90 - 112	2	20
Chromium	500	493		ug/L		99	90 - 110	1	20
Cobalt	500	518		ug/L		104	90 - 110	1	20
Copper	500	492		ug/L		98	90 - 110	0	20
Lead	50.0	51.7		ug/L		103	90 - 110	2	20
Manganese	500	501		ug/L		100	90 - 111	1	20
Silver	50.0	51.6		ug/L		103	90 - 112	2	20
Thallium	100	102		ug/L		102	90 - 110	1	20
Zinc	500	494		ug/L		99	90 - 112	0	20

Lab Sample ID: LCSD 410-569431/3-A
Matrix: Water
Analysis Batch: 571677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 569431

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nickel	500	498		ug/L		100	90 - 109	1	20

Lab Sample ID: MB 410-570686/1-A
Matrix: Water
Analysis Batch: 573416

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 570686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		11/03/24 04:59	11/10/24 12:35	1
Antimony	ND		1.0	0.20	ug/L		11/03/24 04:59	11/10/24 12:35	1
Arsenic	ND		2.0	0.68	ug/L		11/03/24 04:59	11/10/24 12:35	1
Barium	ND		2.0	0.75	ug/L		11/03/24 04:59	11/10/24 12:35	1
Beryllium	ND		0.50	0.12	ug/L		11/03/24 04:59	11/10/24 12:35	1
Cadmium	ND		0.50	0.15	ug/L		11/03/24 04:59	11/10/24 12:35	1
Chromium	ND		2.0	0.55	ug/L		11/03/24 04:59	11/10/24 12:35	1
Cobalt	ND		0.50	0.16	ug/L		11/03/24 04:59	11/10/24 12:35	1
Copper	ND		1.0	0.36	ug/L		11/03/24 04:59	11/10/24 12:35	1
Lead	ND		0.50	0.12	ug/L		11/03/24 04:59	11/10/24 12:35	1
Manganese	ND		2.0	0.95	ug/L		11/03/24 04:59	11/10/24 12:35	1
Silver	ND		0.50	0.10	ug/L		11/03/24 04:59	11/10/24 12:35	1
Thallium	ND		0.50	0.13	ug/L		11/03/24 04:59	11/10/24 12:35	1
Zinc	ND		10	4.0	ug/L		11/03/24 04:59	11/10/24 12:35	1

Lab Sample ID: MB 410-570686/1-A
Matrix: Water
Analysis Batch: 578220

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 570686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		1.0	0.40	ug/L		11/03/24 04:59	11/21/24 15:02	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 410-570686/2-A
Matrix: Water
Analysis Batch: 573416

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 570686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	4990		ug/L		100	90 - 110
Antimony	100	98.3		ug/L		98	90 - 115
Arsenic	500	484		ug/L		97	90 - 109
Barium	500	508		ug/L		102	90 - 113
Beryllium	50.0	61.7	*+	ug/L		123	82 - 120
Cadmium	50.0	49.1		ug/L		98	90 - 112
Chromium	500	492		ug/L		98	90 - 110
Cobalt	500	483		ug/L		97	90 - 110
Copper	500	481		ug/L		96	90 - 110
Lead	50.0	50.9		ug/L		102	90 - 110
Manganese	500	494		ug/L		99	90 - 111
Silver	50.0	50.8		ug/L		102	90 - 112
Thallium	100	94.5		ug/L		94	90 - 110
Zinc	500	492		ug/L		98	90 - 112

Lab Sample ID: LCS 410-570686/2-A
Matrix: Water
Analysis Batch: 578220

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 570686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	500	492		ug/L		98	90 - 109

Lab Sample ID: 410-192708-83 MS
Matrix: Water
Analysis Batch: 573416

Client Sample ID: MW-08_20241028
Prep Type: Total Recoverable
Prep Batch: 570686

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	19	J	5000	5040		ug/L		100	75 - 125
Antimony	ND		100	98.6		ug/L		99	75 - 125
Arsenic	ND		500	487		ug/L		97	75 - 125
Barium	14		500	529		ug/L		103	75 - 125
Beryllium	ND	*+	50.0	52.4		ug/L		105	75 - 125
Cadmium	ND		50.0	49.6		ug/L		99	75 - 125
Chromium	ND		500	499		ug/L		100	75 - 125
Cobalt	3.8		500	485		ug/L		96	80 - 125
Copper	0.41	J	500	486		ug/L		97	75 - 125
Lead	ND		50.0	52.5		ug/L		105	75 - 125
Manganese	1800		500	2170		ug/L		81	75 - 125
Silver	ND		50.0	50.6		ug/L		101	75 - 125
Zinc	7.0	J	500	496		ug/L		98	75 - 125

Lab Sample ID: 410-192708-83 MS
Matrix: Water
Analysis Batch: 578220

Client Sample ID: MW-08_20241028
Prep Type: Total Recoverable
Prep Batch: 570686

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	2.7		500	482		ug/L		96	75 - 125
Thallium	0.43	J	100	98.6		ug/L		98	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-192708-83 MSD — **Client Sample ID: MW-08_20241028**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 573416 — **Prep Batch: 570686**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	19	J	5000	5120		ug/L		102	75 - 125	1	20
Antimony	ND		100	102		ug/L		102	75 - 125	4	20
Arsenic	ND		500	496		ug/L		99	75 - 125	2	20
Barium	14		500	539		ug/L		105	75 - 125	2	20
Beryllium	ND	*+	50.0	53.7		ug/L		107	75 - 125	2	20
Cadmium	ND		50.0	52.0		ug/L		104	75 - 125	5	20
Chromium	ND		500	505		ug/L		101	75 - 125	1	20
Cobalt	3.8		500	496		ug/L		98	80 - 125	2	20
Copper	0.41	J	500	493		ug/L		98	75 - 125	1	20
Lead	ND		50.0	52.1		ug/L		104	75 - 125	1	20
Manganese	1800		500	2210		ug/L		89	75 - 125	2	20
Silver	ND		50.0	51.9		ug/L		104	75 - 125	2	20
Zinc	7.0	J	500	508		ug/L		100	75 - 125	2	20

Lab Sample ID: 410-192708-83 MSD — **Client Sample ID: MW-08_20241028**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 578220 — **Prep Batch: 570686**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nickel	2.7		500	488		ug/L		97	75 - 125	1	20
Thallium	0.43	J	100	99.5		ug/L		99	75 - 125	1	20

Lab Sample ID: 410-192708-83 DU — **Client Sample ID: MW-08_20241028**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 573416 — **Prep Batch: 570686**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Aluminum	19	J		21.3	J	ug/L				11	20
Antimony	ND			ND		ug/L				NC	20
Arsenic	ND			ND		ug/L				NC	20
Barium	14			14.5		ug/L				5	20
Beryllium	ND	*+		ND	*+	ug/L				NC	20
Cadmium	ND			ND		ug/L				NC	20
Chromium	ND			ND		ug/L				NC	20
Cobalt	3.8			3.63		ug/L				4	20
Copper	0.41	J		ND		ug/L				NC	20
Lead	ND			ND		ug/L				NC	20
Manganese	1800			1750		ug/L				1	20
Silver	ND			ND		ug/L				NC	20
Zinc	7.0	J		6.17	J	ug/L				13	20

Lab Sample ID: 410-192708-83 DU — **Client Sample ID: MW-08_20241028**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 578220 — **Prep Batch: 570686**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Nickel	2.7			2.76		ug/L				3	20
Thallium	0.43	J		ND		ug/L				NC	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-572449/1-A
Matrix: Water
Analysis Batch: 575396

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 572449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		11/11/24 20:30	11/14/24 16:13	1
Antimony	ND		1.0	0.20	ug/L		11/11/24 20:30	11/14/24 16:13	1
Arsenic	ND		2.0	0.68	ug/L		11/11/24 20:30	11/14/24 16:13	1
Barium	ND		2.0	0.75	ug/L		11/11/24 20:30	11/14/24 16:13	1
Beryllium	ND		0.50	0.12	ug/L		11/11/24 20:30	11/14/24 16:13	1
Cadmium	ND		0.50	0.15	ug/L		11/11/24 20:30	11/14/24 16:13	1
Chromium	ND		2.0	0.55	ug/L		11/11/24 20:30	11/14/24 16:13	1
Cobalt	ND		0.50	0.16	ug/L		11/11/24 20:30	11/14/24 16:13	1
Copper	ND		1.0	0.36	ug/L		11/11/24 20:30	11/14/24 16:13	1
Lead	ND		0.50	0.12	ug/L		11/11/24 20:30	11/14/24 16:13	1
Manganese	ND		2.0	0.95	ug/L		11/11/24 20:30	11/14/24 16:13	1
Nickel	ND		1.0	0.40	ug/L		11/11/24 20:30	11/14/24 16:13	1
Silver	ND		0.50	0.10	ug/L		11/11/24 20:30	11/14/24 16:13	1
Thallium	ND		0.50	0.13	ug/L		11/11/24 20:30	11/14/24 16:13	1
Zinc	ND		10	4.0	ug/L		11/11/24 20:30	11/14/24 16:13	1

Lab Sample ID: LCS 410-572449/2-A
Matrix: Water
Analysis Batch: 575396

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 572449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	4600		ug/L		92	90 - 110
Antimony	100	96.4		ug/L		96	90 - 115
Arsenic	500	475		ug/L		95	90 - 109
Barium	500	487		ug/L		97	90 - 113
Beryllium	50.0	47.1		ug/L		94	82 - 120
Cadmium	50.0	48.1		ug/L		96	90 - 112
Chromium	500	470		ug/L		94	90 - 110
Cobalt	500	473		ug/L		95	90 - 110
Copper	500	481		ug/L		96	90 - 110
Lead	50.0	49.0		ug/L		98	90 - 110
Manganese	500	470		ug/L		94	90 - 111
Nickel	500	478		ug/L		96	90 - 109
Silver	50.0	49.6		ug/L		99	90 - 112
Thallium	100	95.3		ug/L		95	90 - 110
Zinc	500	479		ug/L		96	90 - 112

Lab Sample ID: MB 410-572450/1-A
Matrix: Water
Analysis Batch: 575396

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 572450

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		11/11/24 20:30	11/14/24 17:28	1
Antimony	ND		1.0	0.20	ug/L		11/11/24 20:30	11/14/24 17:28	1
Arsenic	ND		2.0	0.68	ug/L		11/11/24 20:30	11/14/24 17:28	1
Barium	ND		2.0	0.75	ug/L		11/11/24 20:30	11/14/24 17:28	1
Beryllium	ND		0.50	0.12	ug/L		11/11/24 20:30	11/14/24 17:28	1
Cadmium	ND		0.50	0.15	ug/L		11/11/24 20:30	11/14/24 17:28	1
Chromium	ND		2.0	0.55	ug/L		11/11/24 20:30	11/14/24 17:28	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-572450/1-A
Matrix: Water
Analysis Batch: 575396

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 572450

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.50	0.16	ug/L		11/11/24 20:30	11/14/24 17:28	1
Copper	ND		1.0	0.36	ug/L		11/11/24 20:30	11/14/24 17:28	1
Lead	ND		0.50	0.12	ug/L		11/11/24 20:30	11/14/24 17:28	1
Manganese	ND		2.0	0.95	ug/L		11/11/24 20:30	11/14/24 17:28	1
Nickel	ND		1.0	0.40	ug/L		11/11/24 20:30	11/14/24 17:28	1
Silver	ND		0.50	0.10	ug/L		11/11/24 20:30	11/14/24 17:28	1
Thallium	ND		0.50	0.13	ug/L		11/11/24 20:30	11/14/24 17:28	1
Zinc	ND		10	4.0	ug/L		11/11/24 20:30	11/14/24 17:28	1

Lab Sample ID: LCS 410-572450/2-A
Matrix: Water
Analysis Batch: 575396

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 572450

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	4620		ug/L		92	90 - 110
Antimony	100	96.6		ug/L		97	90 - 115
Arsenic	500	480		ug/L		96	90 - 109
Barium	500	487		ug/L		97	90 - 113
Beryllium	50.0	46.1		ug/L		92	82 - 120
Cadmium	50.0	48.0		ug/L		96	90 - 112
Chromium	500	473		ug/L		95	90 - 110
Cobalt	500	471		ug/L		94	90 - 110
Copper	500	481		ug/L		96	90 - 110
Lead	50.0	48.0		ug/L		96	90 - 110
Manganese	500	470		ug/L		94	90 - 111
Nickel	500	480		ug/L		96	90 - 109
Silver	50.0	49.1		ug/L		98	90 - 112
Thallium	100	95.7		ug/L		96	90 - 110
Zinc	500	481		ug/L		96	90 - 112

Lab Sample ID: MB 410-572452/1-A
Matrix: Water
Analysis Batch: 575740

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 572452

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		11/08/24 07:00	11/15/24 11:53	1
Antimony	ND		1.0	0.20	ug/L		11/08/24 07:00	11/15/24 11:53	1
Arsenic	ND		2.0	0.68	ug/L		11/08/24 07:00	11/15/24 11:53	1
Barium	ND		2.0	0.75	ug/L		11/08/24 07:00	11/15/24 11:53	1
Cadmium	ND		0.50	0.15	ug/L		11/08/24 07:00	11/15/24 11:53	1
Chromium	ND		2.0	0.55	ug/L		11/08/24 07:00	11/15/24 11:53	1
Cobalt	ND		0.50	0.16	ug/L		11/08/24 07:00	11/15/24 11:53	1
Copper	ND		1.0	0.36	ug/L		11/08/24 07:00	11/15/24 11:53	1
Lead	ND		0.50	0.12	ug/L		11/08/24 07:00	11/15/24 11:53	1
Manganese	2.49		2.0	0.95	ug/L		11/08/24 07:00	11/15/24 11:53	1
Nickel	ND		1.0	0.40	ug/L		11/08/24 07:00	11/15/24 11:53	1
Silver	ND		0.50	0.10	ug/L		11/08/24 07:00	11/15/24 11:53	1
Thallium	ND		0.50	0.13	ug/L		11/08/24 07:00	11/15/24 11:53	1
Zinc	ND		10	4.0	ug/L		11/08/24 07:00	11/15/24 11:53	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-572452/1-A
Matrix: Water
Analysis Batch: 578861

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 572452

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.50	0.12	ug/L		11/08/24 07:00	11/24/24 09:25	1

Lab Sample ID: LCS 410-572452/2-A
Matrix: Water
Analysis Batch: 575740

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 572452

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	4790		ug/L		96	90 - 110
Antimony	100	96.9		ug/L		97	90 - 115
Arsenic	500	495		ug/L		99	90 - 109
Barium	500	490		ug/L		98	90 - 113
Cadmium	50.0	48.8		ug/L		98	90 - 112
Chromium	500	481		ug/L		96	90 - 110
Cobalt	500	492		ug/L		98	90 - 110
Copper	500	492		ug/L		98	90 - 110
Lead	50.0	48.6		ug/L		97	90 - 110
Manganese	500	484		ug/L		97	90 - 111
Nickel	500	491		ug/L		98	90 - 109
Silver	50.0	50.2		ug/L		100	90 - 112
Thallium	100	96.3		ug/L		96	90 - 110
Zinc	500	500		ug/L		100	90 - 112

Lab Sample ID: LCS 410-572452/2-A
Matrix: Water
Analysis Batch: 578861

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 572452

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	50.0	50.5		ug/L		101	82 - 120

Lab Sample ID: MB 410-573314/1-A
Matrix: Water
Analysis Batch: 574902

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 573314

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		11/10/24 20:10	11/13/24 16:31	1
Antimony	ND		1.0	0.20	ug/L		11/10/24 20:10	11/13/24 16:31	1
Arsenic	ND		2.0	0.68	ug/L		11/10/24 20:10	11/13/24 16:31	1
Barium	ND		2.0	0.75	ug/L		11/10/24 20:10	11/13/24 16:31	1
Beryllium	ND		0.50	0.12	ug/L		11/10/24 20:10	11/13/24 16:31	1
Cadmium	ND		0.50	0.15	ug/L		11/10/24 20:10	11/13/24 16:31	1
Chromium	ND		2.0	0.55	ug/L		11/10/24 20:10	11/13/24 16:31	1
Cobalt	ND		0.50	0.16	ug/L		11/10/24 20:10	11/13/24 16:31	1
Copper	ND		1.0	0.36	ug/L		11/10/24 20:10	11/13/24 16:31	1
Lead	ND		0.50	0.12	ug/L		11/10/24 20:10	11/13/24 16:31	1
Manganese	ND		2.0	0.95	ug/L		11/10/24 20:10	11/13/24 16:31	1
Silver	ND		0.50	0.10	ug/L		11/10/24 20:10	11/13/24 16:31	1
Thallium	ND		0.50	0.13	ug/L		11/10/24 20:10	11/13/24 16:31	1
Zinc	ND		10	4.0	ug/L		11/10/24 20:10	11/13/24 16:31	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 410-573314/1-A
Matrix: Water
Analysis Batch: 575396

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 573314

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		1.0	0.40	ug/L		11/10/24 20:10	11/14/24 19:43	1

Lab Sample ID: LCS 410-573314/2-A
Matrix: Water
Analysis Batch: 574902

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 573314

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	4680		ug/L		94	90 - 110
Antimony	100	96.8		ug/L		97	90 - 115
Arsenic	500	478		ug/L		96	90 - 109
Barium	500	501		ug/L		100	90 - 113
Beryllium	50.0	45.9		ug/L		92	82 - 120
Cadmium	50.0	48.9		ug/L		98	90 - 112
Chromium	500	479		ug/L		96	90 - 110
Cobalt	500	476		ug/L		95	90 - 110
Copper	500	488		ug/L		98	90 - 110
Lead	50.0	49.0		ug/L		98	90 - 110
Manganese	500	470		ug/L		94	90 - 111
Nickel	500	481		ug/L		96	90 - 109
Silver	50.0	52.0		ug/L		104	90 - 112
Thallium	100	96.1		ug/L		96	90 - 110
Zinc	500	489		ug/L		98	90 - 112

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 410-564706/1-A
Matrix: Water
Analysis Batch: 566984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 564706

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		10/21/24 07:35	10/23/24 12:12	1

Lab Sample ID: LCS 410-564706/2-A
Matrix: Water
Analysis Batch: 566984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 564706

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	0.933		ug/L		93	80 - 118

Lab Sample ID: MB 410-566194/1-A
Matrix: Water
Analysis Batch: 570203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 566194

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		10/30/24 23:00	10/31/24 17:40	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 410-566194/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 570203 — **Prep Batch: 566194**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	1.15		ug/L		115	80 - 118

Lab Sample ID: MB 410-566196/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 569305 — **Prep Batch: 566196**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		10/24/24 04:35	10/29/24 16:10	1

Lab Sample ID: LCS 410-566196/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 569305 — **Prep Batch: 566196**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	0.974		ug/L		97	80 - 118

Lab Sample ID: MB 410-569501/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 572425 — **Prep Batch: 569501**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		10/30/24 10:55	11/07/24 09:39	1

Lab Sample ID: MB 410-569503/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 573173 — **Prep Batch: 569503**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/07/24 07:50	11/08/24 15:37	1

Lab Sample ID: LCS 410-569503/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 573173 — **Prep Batch: 569503**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	1.02		ug/L		102	80 - 118

Lab Sample ID: MB 410-571453/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 573643 — **Prep Batch: 571453**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/10/24 05:30	11/11/24 11:26	1

Lab Sample ID: LCS 410-571453/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 573643 — **Prep Batch: 571453**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	0.886		ug/L		89	80 - 118

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 410-192708-83 MS — **Client Sample ID: MW-08_20241028**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 573643 — **Prep Batch: 571453**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		1.00	0.803		ug/L		80	80 - 120

Lab Sample ID: 410-192708-83 MSD — **Client Sample ID: MW-08_20241028**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 573643 — **Prep Batch: 571453**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		1.00	0.856		ug/L		86	80 - 120	6	20

Lab Sample ID: 410-192708-83 DU — **Client Sample ID: MW-08_20241028**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 573643 — **Prep Batch: 571453**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	ND			ND		ug/L				NC	20

Lab Sample ID: MB 410-571458/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 572196 — **Prep Batch: 571458**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/05/24 23:00	11/06/24 16:20	1

Lab Sample ID: LCS 410-571458/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 572196 — **Prep Batch: 571458**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury			1.00	1.02		ug/L		102	80 - 118

Lab Sample ID: MB 410-572804/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 575196 — **Prep Batch: 572804**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:30	11/14/24 09:45	1

Lab Sample ID: LCS 410-572804/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 575196 — **Prep Batch: 572804**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury			1.00	0.887		ug/L		89	80 - 118

Lab Sample ID: 410-192708-88 MS — **Client Sample ID: MW-13_20241030**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 575196 — **Prep Batch: 572804**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.68		1.00	1.83		ug/L		115	80 - 120

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 410-192708-88 MSD — **Client Sample ID: MW-13_20241030**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 575196 — **Prep Batch: 572804**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.68		1.00	1.81		ug/L		113	80 - 120	1	20

Lab Sample ID: 410-192708-88 DU — **Client Sample ID: MW-13_20241030**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 575196 — **Prep Batch: 572804**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.68			0.727		ug/L				7	20

Lab Sample ID: MB 410-573939/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 575280 — **Prep Batch: 573939**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		11/12/24 07:32	11/14/24 16:02	1

Lab Sample ID: LCS 410-573939/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 575280 — **Prep Batch: 573939**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			1.00	1.11		ug/L		111	80 - 118		

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-566587/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571049 — **Prep Batch: 566587**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		10/29/24 23:20	11/04/24 08:35	1

Lab Sample ID: LCS 410-566587/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571049 — **Prep Batch: 566587**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.167	0.157		mg/Kg		94	80 - 120		

Lab Sample ID: 410-192708-15 MS — **Client Sample ID: SB-100_4-5 MS**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571049 — **Prep Batch: 566587**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.077	F1	0.188	0.221	F1	mg/Kg	☼	76	80 - 120		

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 410-192708-15 MSD — **Client Sample ID: SB-100_4-5 MSD**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571049 — **Prep Batch: 566587**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.077	F1	0.191	0.194	F1	mg/Kg	☼	61	80 - 120	13	20

Lab Sample ID: 410-192708-15 DU — **Client Sample ID: SB-100_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571049 — **Prep Batch: 566587**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.077	F1		0.0640	J	mg/Kg	☼			19	20

Lab Sample ID: MB 410-567722/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571483 — **Prep Batch: 567722**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		10/25/24 06:19	11/05/24 07:24	1

Lab Sample ID: LCS 410-567722/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571483 — **Prep Batch: 567722**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.167	0.179		mg/Kg		108	80 - 120		

Lab Sample ID: 410-192708-69 MS — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571483 — **Prep Batch: 567722**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.052	J	0.171	0.221		mg/Kg	☼	99	80 - 120		

Lab Sample ID: 410-192708-69 MSD — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571483 — **Prep Batch: 567722**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.052	J	0.168	0.215		mg/Kg	☼	97	80 - 120	3	20

Lab Sample ID: 410-192708-69 DU — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571483 — **Prep Batch: 567722**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.052	J		0.0780	F5	mg/Kg	☼			40	20

Lab Sample ID: MB 410-568203/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569987 — **Prep Batch: 568203**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		10/29/24 23:20	10/31/24 07:01	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: LCS 410-568203/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569987 — **Prep Batch: 568203**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.167	0.160		mg/Kg		96	80 - 120		

Lab Sample ID: MB 410-568783/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570368 — **Prep Batch: 568783**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		10/28/24 23:00	11/01/24 08:52	1

Lab Sample ID: LCS 410-568783/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570368 — **Prep Batch: 568783**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.167	0.156		mg/Kg		94	80 - 120		

Lab Sample ID: 410-192708-60 MS — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570368 — **Prep Batch: 568783**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.64	F2 F1	0.183	0.933	E F1	mg/Kg	☼	158	80 - 120		

Lab Sample ID: 410-192708-60 MSD — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570368 — **Prep Batch: 568783**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.64	F2 F1	0.189	0.360	F1 F2	mg/Kg	☼	-150	80 - 120	89	20

Lab Sample ID: 410-192708-60 DU — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570368 — **Prep Batch: 568783**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.64	F2 F1		0.460	F3	mg/Kg	☼			33	20

Lab Sample ID: MB 410-568784/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569527 — **Prep Batch: 568784**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		10/28/24 23:00	10/30/24 07:58	1

Lab Sample ID: LCS 410-568784/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569527 — **Prep Batch: 568784**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.167	0.161		mg/Kg		97	80 - 120		

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-569238/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570637 — **Prep Batch: 569238**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		10/29/24 21:50	11/02/24 08:42	1

Lab Sample ID: LCS 410-569238/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570637 — **Prep Batch: 569238**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.157		mg/Kg		94	80 - 120

Lab Sample ID: MB 410-569294/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573226 — **Prep Batch: 569294**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		11/07/24 22:00	11/09/24 07:01	1

Lab Sample ID: LCS 410-569294/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573226 — **Prep Batch: 569294**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.167		mg/Kg		100	80 - 120

Lab Sample ID: 410-192708-41 MS — **Client Sample ID: C-2N_2-3**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573226 — **Prep Batch: 569294**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.18	F2 F1	0.179	0.346		mg/Kg	☼	94	80 - 120

Lab Sample ID: 410-192708-41 MSD — **Client Sample ID: C-2N_2-3**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573226 — **Prep Batch: 569294**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.18	F2 F1	0.179	0.436	F1 F2	mg/Kg	☼	144	80 - 120	23	20

Lab Sample ID: 410-192708-41 DU — **Client Sample ID: C-2N_2-3**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573226 — **Prep Batch: 569294**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.18	F2 F1	0.236	F5	mg/Kg	☼	28	20

Lab Sample ID: MB 410-569295/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571049 — **Prep Batch: 569295**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		10/31/24 23:20	11/04/24 10:48	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: LCS 410-569295/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571049 — **Prep Batch: 569295**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.160		mg/Kg		96	80 - 120

Lab Sample ID: MB 410-572148/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 572902 — **Prep Batch: 572148**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		11/06/24 22:30	11/08/24 06:10	1

Lab Sample ID: LCS 410-572148/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 572902 — **Prep Batch: 572148**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.165		mg/Kg		99	80 - 120

Lab Sample ID: 410-192708-94 MS — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 572902 — **Prep Batch: 572148**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.12	J F1	0.415	0.596		mg/Kg	☼	114	80 - 120

Lab Sample ID: 410-192708-94 MSD — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 572902 — **Prep Batch: 572148**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.12	J F1	0.396	0.612	F1	mg/Kg	☼	123	80 - 120	3	20

Lab Sample ID: 410-192708-94 DU — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 572902 — **Prep Batch: 572148**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.12	J F1	0.128	J	mg/Kg	☼	4	20

Lab Sample ID: MB 410-572918/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 575021 — **Prep Batch: 572918**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		11/11/24 23:50	11/14/24 06:05	1

Lab Sample ID: LCS 410-572918/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 575021 — **Prep Batch: 572918**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.173		mg/Kg		103	80 - 120

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-572923/1-A
Matrix: Solid
Analysis Batch: 575609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572923

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		11/13/24 20:50	11/15/24 08:31	1

Lab Sample ID: LCS 410-572923/2-A
Matrix: Solid
Analysis Batch: 575609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572923

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.171		mg/Kg		102	80 - 120

Lab Sample ID: MB 410-575852/1-A
Matrix: Solid
Analysis Batch: 576898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 575852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		11/16/24 07:30	11/19/24 13:18	1

Lab Sample ID: LCS 410-575852/2-A
Matrix: Solid
Analysis Batch: 576898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 575852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.167		mg/Kg		100	80 - 120

Method: 5310 C-2014 - Total Organic Carbon/Persulfate - Ultrav

Lab Sample ID: MB 410-571864/37
Matrix: Water
Analysis Batch: 571864

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.50	mg/L			11/06/24 03:46	1

Lab Sample ID: LCS 410-571864/36
Matrix: Water
Analysis Batch: 571864

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	50.0	47.6		mg/L		95	90 - 110

Lab Sample ID: MRL 410-571864/3
Matrix: Water
Analysis Batch: 571864

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	1.00	1.08		mg/L		108	50 - 150

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 410-567492/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 567922 — **Prep Batch: 567492**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.18	mg/Kg		10/24/24 15:00	10/24/24 19:44	1

Lab Sample ID: LCS 410-567492/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 567922 — **Prep Batch: 567492**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	5.00	6.08	*+	mg/Kg		122	85 - 115

Lab Sample ID: MB 410-568032/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 568448 — **Prep Batch: 568032**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.18	mg/Kg		10/25/24 16:15	10/25/24 20:49	1

Lab Sample ID: LCS 410-568032/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 568448 — **Prep Batch: 568032**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	5.00	5.10		mg/Kg		102	85 - 115

Lab Sample ID: 410-192708-5 MS — **Client Sample ID: SB-104_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 568448 — **Prep Batch: 568032**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		5.75	5.81		mg/Kg	☼	101	45 - 145

Lab Sample ID: 410-192708-5 MSD — **Client Sample ID: SB-104_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 568448 — **Prep Batch: 568032**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		5.98	5.50		mg/Kg	☼	92	45 - 145	5	20

Lab Sample ID: 410-192708-15 MS — **Client Sample ID: SB-100_4-5 MS**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 568448 — **Prep Batch: 568032**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		5.83	5.65		mg/Kg	☼	97	45 - 145

Lab Sample ID: 410-192708-15 MSD — **Client Sample ID: SB-100_4-5 MSD**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 568448 — **Prep Batch: 568032**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		5.74	5.28		mg/Kg	☼	92	45 - 145	7	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 410-568144/2-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 568957 — **Prep Batch: 568144**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/25/24 19:15	10/28/24 20:45	1

Lab Sample ID: LCS 410-568144/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 568957 — **Prep Batch: 568144**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.200	0.192		mg/L		96	85 - 115

Lab Sample ID: MB 410-569036/2-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 569682 — **Prep Batch: 569036**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/29/24 09:10	10/29/24 19:25	1

Lab Sample ID: LCS 410-569036/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 569682 — **Prep Batch: 569036**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.200	0.191		mg/L		96	85 - 115

Lab Sample ID: MB 410-569078/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569682 — **Prep Batch: 569078**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.18	mg/Kg		10/29/24 15:00	10/29/24 19:53	1

Lab Sample ID: LCS 410-569078/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569682 — **Prep Batch: 569078**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	5.00	4.68		mg/Kg		94	85 - 115

Lab Sample ID: 410-192708-24 MS — **Client Sample ID: SB-115_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569682 — **Prep Batch: 569078**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND	F2	5.34	4.83		mg/Kg	☼	90	45 - 145

Lab Sample ID: 410-192708-24 MSD — **Client Sample ID: SB-115_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569682 — **Prep Batch: 569078**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND	F2	4.94	3.73	F2	mg/Kg	☼	75	45 - 145	26	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: 410-192708-34 MS — **Client Sample ID: N-3W_1-2**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569682 — **Prep Batch: 569078**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.89	F1 F2	6.92	8.06		mg/Kg	☼	104	45 - 145

Lab Sample ID: 410-192708-34 MSD — **Client Sample ID: N-3W_1-2**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569682 — **Prep Batch: 569078**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.89	F1 F2	6.75	3.71	F1 F2	mg/Kg	☼	42	45 - 145	74	20

Lab Sample ID: MB 410-569167/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569851 — **Prep Batch: 569167**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.18	mg/Kg		10/29/24 18:00	10/30/24 20:18	1

Lab Sample ID: LCS 410-569167/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569851 — **Prep Batch: 569167**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	5.00	4.63		mg/Kg		93	85 - 115

Lab Sample ID: 410-192708-47 MS — **Client Sample ID: C-2E_2-3**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569851 — **Prep Batch: 569167**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		5.29	4.89		mg/Kg	☼	92	45 - 145

Lab Sample ID: 410-192708-47 MSD — **Client Sample ID: C-2E_2-3**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569851 — **Prep Batch: 569167**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		5.42	5.09		mg/Kg	☼	94	45 - 145	4	20

Lab Sample ID: MB 410-569508/2-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 569851 — **Prep Batch: 569508**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/30/24 10:00	10/30/24 19:25	1

Lab Sample ID: LCS 410-569508/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 569851 — **Prep Batch: 569508**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.200	0.191		mg/L		96	85 - 115

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 410-569618/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569851 — **Prep Batch: 569618**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.18	mg/Kg		10/30/24 15:45	10/30/24 19:50	1

Lab Sample ID: LCS 410-569618/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569851 — **Prep Batch: 569618**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	5.00	4.58		mg/Kg		92	85 - 115

Lab Sample ID: 410-192708-60 MS — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569851 — **Prep Batch: 569618**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		5.58	5.41		mg/Kg	☼	97	45 - 145

Lab Sample ID: 410-192708-60 MSD — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 569851 — **Prep Batch: 569618**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		5.74	5.66		mg/Kg	☼	98	45 - 145	4	20

Lab Sample ID: MB 410-569664/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570319 — **Prep Batch: 569664**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.18	mg/Kg		10/30/24 18:45	10/31/24 20:24	1

Lab Sample ID: LCS 410-569664/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570319 — **Prep Batch: 569664**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	5.00	4.23		mg/Kg		85	85 - 115

Lab Sample ID: 410-192708-64 MS — **Client Sample ID: SB-112_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570319 — **Prep Batch: 569664**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		5.33	4.96		mg/Kg	☼	93	45 - 145

Lab Sample ID: 410-192708-64 MSD — **Client Sample ID: SB-112_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570319 — **Prep Batch: 569664**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		5.20	4.71		mg/Kg	☼	90	45 - 145	5	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: 410-192708-69 MS — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570319 — **Prep Batch: 569664**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		5.05	4.95		mg/Kg	☼	98	45 - 145

Lab Sample ID: 410-192708-69 MSD — **Client Sample ID: SB-118_0-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 570319 — **Prep Batch: 569664**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		5.13	4.59		mg/Kg	☼	90	45 - 145	8	20

Method: 9045D - pH

Lab Sample ID: LCS 410-576173/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 576247

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
pH	7.00	7.1		S.U.		102	95 - 105

Lab Sample ID: 410-192708-94 DU — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 576247

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	5.4		5.5		S.U.		2	3
Temperature	20.0		20.0		Degrees C		0	3

Lab Sample ID: 410-192708-95 DU — **Client Sample ID: SED-02_0-1_20241101**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 576247

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	5.8		5.9		S.U.		1	3
Temperature	20.0		20.1		Degrees C		0.5	3

Method: Lloyd Kahn - Organic Carbon, Total (TOC)

Lab Sample ID: MB 410-574276/4 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		300	100	mg/Kg			11/12/24 10:31	1

Lab Sample ID: LCS 410-574276/3 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	3820	4220		mg/Kg		110	36 - 163

Method: Lloyd Kahn - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 410-192708-94 MS — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574276

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon	70000		148000	241000		mg/Kg	☼	116	36 - 163		

Lab Sample ID: 410-192708-94 MSD — **Client Sample ID: SED-01_0-1_20241101**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 574276

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	70000		135000	222000		mg/Kg	☼	112	36 - 163	8	20

Lab Sample ID: MB 410-575279/32 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 575279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		300	100	mg/Kg			11/14/24 14:02	1

Lab Sample ID: LCS 410-575279/31 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 575279

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			3820	3900		mg/Kg		102	36 - 163		

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

GC/MS VOA

Prep Batch: 565308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-19	SB-113_4-5	Total/NA	Solid	5035	
410-192708-19 MSD	SB-113_4-5 MSD	Total/NA	Solid	5035	

Prep Batch: 565309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	5035	
410-192708-5	SB-104_4-5	Total/NA	Solid	5035	
410-192708-7	SB-106_4-5	Total/NA	Solid	5035	
410-192708-9	SB-103_4-5	Total/NA	Solid	5035	
410-192708-10	FD-01_20241014	Total/NA	Solid	5035	
410-192708-15	SB-100_4-5	Total/NA	Solid	5035	
410-192708-16	SB-100_18-20	Total/NA	Solid	5035	
410-192708-17	SB-101_4-5	Total/NA	Solid	5035	
410-192708-20	SB-114_10-12	Total/NA	Solid	5035	
410-192708-21	FD-02_20241015	Total/NA	Solid	5035	
410-192708-15 MS	SB-100_4-5 MS	Total/NA	Solid	5035	
410-192708-15 MSD	SB-100_4-5 MSD	Total/NA	Solid	5035	

Analysis Batch: 566202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	8260D	565309
410-192708-5	SB-104_4-5	Total/NA	Solid	8260D	565309
410-192708-7	SB-106_4-5	Total/NA	Solid	8260D	565309
410-192708-9	SB-103_4-5	Total/NA	Solid	8260D	565309
410-192708-15	SB-100_4-5	Total/NA	Solid	8260D	565309
410-192708-16	SB-100_18-20	Total/NA	Solid	8260D	565309
410-192708-17	SB-101_4-5	Total/NA	Solid	8260D	565309
410-192708-20	SB-114_10-12	Total/NA	Solid	8260D	565309
410-192708-21	FD-02_20241015	Total/NA	Solid	8260D	565309
MB 410-566202/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-566202/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-566202/5	Lab Control Sample Dup	Total/NA	Solid	8260D	
410-192708-15 MS	SB-100_4-5 MS	Total/NA	Solid	8260D	565309
410-192708-15 MSD	SB-100_4-5 MSD	Total/NA	Solid	8260D	565309

Prep Batch: 566418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-10	FD-01_20241014	Total/NA	Solid	5030C	

Prep Batch: 566497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-24	SB-115_4-5	Total/NA	Solid	5035	
410-192708-52	SB-110_4-5	Total/NA	Solid	5035	
410-192708-55 - RA	SB-109_4-5	Total/NA	Solid	5035	
410-192708-55	SB-109_4-5	Total/NA	Solid	5035	
410-192708-57	SB-108_4-5	Total/NA	Solid	5035	
410-192708-60	SB-111_4-5	Total/NA	Solid	5035	
410-192708-64	SB-112_4-5	Total/NA	Solid	5035	
410-192708-66	SB-116_4-5	Total/NA	Solid	5035	
410-192708-66 - RA	SB-116_4-5	Total/NA	Solid	5035	
410-192708-68	SB-117_4-5	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 566497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-70	SB-118_4-5	Total/NA	Solid	5035	
410-192708-72	SB-119_4-5	Total/NA	Solid	5035	
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	5035	
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	5035	

Prep Batch: 566500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-25	SB-115_21-23	Total/NA	Solid	5035	

Analysis Batch: 566761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-10	FD-01_20241014	Total/NA	Solid	8260D	565309
410-192708-24	SB-115_4-5	Total/NA	Solid	8260D	566497
410-192708-52	SB-110_4-5	Total/NA	Solid	8260D	566497
MB 410-566761/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-566761/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-566761/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 567096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-10	FD-01_20241014	Total/NA	Solid	8260D	566418
410-192708-19	SB-113_4-5	Total/NA	Solid	8260D	565308
MB 410-567096/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-567096/8	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-567096/12	Lab Control Sample Dup	Total/NA	Solid	8260D	
410-192708-19 MSD	SB-113_4-5 MSD	Total/NA	Solid	8260D	565308

Prep Batch: 567128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-26	SB-115_29-30	Total/NA	Solid	5030C	

Analysis Batch: 567210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-11	TB-01_20241014	Total/NA	Water	8260D	
410-192708-22	TB-02_20241015	Total/NA	Water	8260D	
MB 410-567210/7	Method Blank	Total/NA	Water	8260D	
LCS 410-567210/5	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 567264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-55 - RA	SB-109_4-5	Total/NA	Solid	8260D	566497
410-192708-57	SB-108_4-5	Total/NA	Solid	8260D	566497
410-192708-60	SB-111_4-5	Total/NA	Solid	8260D	566497
410-192708-64	SB-112_4-5	Total/NA	Solid	8260D	566497
410-192708-66	SB-116_4-5	Total/NA	Solid	8260D	566497
410-192708-68	SB-117_4-5	Total/NA	Solid	8260D	566497
410-192708-70	SB-118_4-5	Total/NA	Solid	8260D	566497
410-192708-72	SB-119_4-5	Total/NA	Solid	8260D	566497
MB 410-567264/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-567264/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-567264/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS VOA (Continued)

Analysis Batch: 567264 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	8260D	566497
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	8260D	566497

Prep Batch: 567631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-19 MS	SB-113_4-5 MS	Total/NA	Solid	5035	

Analysis Batch: 568235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-55	SB-109_4-5	Total/NA	Solid	8260D	566497
410-192708-66 - RA	SB-116_4-5	Total/NA	Solid	8260D	566497
MB 410-568235/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-568235/8	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-568235/9	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 568379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	8260D	
410-192708-53	TB-03_20241017	Total/NA	Water	8260D	
410-192708-61	FB-02_20241017	Total/NA	Water	8260D	
410-192708-75	TB-04_20241018	Total/NA	Water	8260D	
MB 410-568379/7	Method Blank	Total/NA	Water	8260D	
LCS 410-568379/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-568379/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 569193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-25	SB-115_21-23	Total/NA	Solid	8260D	566500
410-192708-26	SB-115_29-30	Total/NA	Solid	8260D	567128
MB 410-569193/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-569193/13	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-569193/14	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 569195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-569195/7	Method Blank	Total/NA	Solid	8260D	
LCS 410-569195/6	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 410-569195/8	Lab Control Sample Dup	Total/NA	Solid	8260D	
410-192708-19 MS	SB-113_4-5 MS	Total/NA	Solid	8260D	567631

Analysis Batch: 571635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-76	MW-15_20241024	Total/NA	Water	8260D	
410-192708-77	FB-05_20241024	Total/NA	Water	8260D	
410-192708-78	TB-05_20241024	Total/NA	Water	8260D	
410-192708-79	EB-01_20241024	Total/NA	Water	8260D	
410-192708-80	MW-14_20241025	Total/NA	Water	8260D	
410-192708-81	FD-05_20241025	Total/NA	Water	8260D	
410-192708-82	MW-10_20241028	Total/NA	Water	8260D	
410-192708-83	MW-08_20241028	Total/NA	Water	8260D	
410-192708-84	MW-07_20241028	Total/NA	Water	8260D	

GC/MS VOA (Continued)

Analysis Batch: 571635 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-85	MW-06_20241028	Total/NA	Water	8260D	
410-192708-86	TB-06_20241028	Total/NA	Water	8260D	
MB 410-571635/6	Method Blank	Total/NA	Water	8260D	
LCS 410-571635/4	Lab Control Sample	Total/NA	Water	8260D	
410-192708-83 MS	MW-08_20241028	Total/NA	Water	8260D	
410-192708-83 MSD	MW-08_20241028	Total/NA	Water	8260D	

Analysis Batch: 573975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-87	MW-09_20241029	Total/NA	Water	8260D	
410-192708-90	MW-03_20241030	Total/NA	Water	8260D	
410-192708-91	MW-11_20241030	Total/NA	Water	8260D	
410-192708-92	MW-12_20241030	Total/NA	Water	8260D	
MB 410-573975/8	Method Blank	Total/NA	Water	8260D	
LCS 410-573975/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-573975/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 574052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-88	MW-13_20241030	Total/NA	Water	8260D	
410-192708-89	TB-07_20241030	Total/NA	Water	8260D	
MB 410-574052/7	Method Blank	Total/NA	Water	8260D	
LCS 410-574052/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-574052/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 574400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-93	MW-04_20241031	Total/NA	Water	8260D	
MB 410-574400/7	Method Blank	Total/NA	Water	8260D	
LCS 410-574400/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-574400/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 575794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-108	MW-05_20241104	Total/NA	Water	8260D	
MB 410-575794/7	Method Blank	Total/NA	Water	8260D	
LCS 410-575794/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-575794/5	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 565284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	3510C	
MB 410-565284/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-565284/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 410-565284/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 566462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-61	FB-02_20241017	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 566462 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-566462/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-566462/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 566985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-61	FB-02_20241017	Total/NA	Water	8270E	566462
MB 410-566462/1-A	Method Blank	Total/NA	Water	8270E	566462
LCS 410-566462/2-A	Lab Control Sample	Total/NA	Water	8270E	566462

Prep Batch: 567544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-24	SB-115_4-5	Total/NA	Solid	3546	
410-192708-25	SB-115_21-23	Total/NA	Solid	3546	
410-192708-26	SB-115_29-30	Total/NA	Solid	3546	
MB 410-567544/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-567544/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 567873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-567544/1-A	Method Blank	Total/NA	Solid	8270E	567544
LCS 410-567544/2-A	Lab Control Sample	Total/NA	Solid	8270E	567544

Prep Batch: 567882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	3546	
410-192708-2	SB-107_0-1	Total/NA	Solid	3546	
410-192708-3	SB-107_4-5	Total/NA	Solid	3546	
410-192708-4	SB-104_0-1	Total/NA	Solid	3546	
410-192708-5	SB-104_4-5	Total/NA	Solid	3546	
410-192708-6	SB-106_0-1	Total/NA	Solid	3546	
410-192708-7	SB-106_4-5	Total/NA	Solid	3546	
410-192708-8	SB-103_0-1	Total/NA	Solid	3546	
410-192708-9	SB-103_4-5	Total/NA	Solid	3546	
410-192708-10	FD-01_20241014	Total/NA	Solid	3546	
410-192708-12	SB-102_0-1	Total/NA	Solid	3546	
410-192708-13	SB-102_4-5	Total/NA	Solid	3546	
410-192708-14	SB-100_0-1	Total/NA	Solid	3546	
410-192708-15	SB-100_4-5	Total/NA	Solid	3546	
410-192708-16	SB-100_18-20	Total/NA	Solid	3546	
410-192708-17	SB-101_4-5	Total/NA	Solid	3546	
410-192708-18	SB-113_0-1	Total/NA	Solid	3546	
410-192708-19	SB-113_4-5	Total/NA	Solid	3546	
410-192708-20	SB-114_10-12	Total/NA	Solid	3546	
410-192708-21	FD-02_20241015	Total/NA	Solid	3546	
MB 410-567882/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-567882/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-192708-15 MS	SB-100_4-5 MS	Total/NA	Solid	3546	
410-192708-15 MSD	SB-100_4-5 MSD	Total/NA	Solid	3546	
410-192708-19 MS	SB-113_4-5 MS	Total/NA	Solid	3546	
410-192708-19 MSD	SB-113_4-5 MSD	Total/NA	Solid	3546	

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

GC/MS Semi VOA

Prep Batch: 570112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-65	SB-116_0-1	Total/NA	Solid	3546	
MB 410-570112/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-570112/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 570136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	8270E	565284
MB 410-565284/1-A	Method Blank	Total/NA	Water	8270E	565284
LCS 410-565284/2-A	Lab Control Sample	Total/NA	Water	8270E	565284
LCSD 410-565284/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	565284

Prep Batch: 571134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-87	MW-09_20241029	Total/NA	Water	3510C	
MB 410-571134/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-571134/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 410-571134/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 572281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-105	SW-04_20241104	Total/NA	Water	3510C	
410-192708-106	SW-05_20241104	Total/NA	Water	3510C	
410-192708-107	SW-06_20241104	Total/NA	Water	3510C	
410-192708-108	MW-05_20241104	Total/NA	Water	3510C	
MB 410-572281/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-572281/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 572736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-105	SW-04_20241104	Total/NA	Water	8270E	572281
410-192708-107	SW-06_20241104	Total/NA	Water	8270E	572281
410-192708-108	MW-05_20241104	Total/NA	Water	8270E	572281
MB 410-572281/1-A	Method Blank	Total/NA	Water	8270E	572281
LCS 410-572281/2-A	Lab Control Sample	Total/NA	Water	8270E	572281

Analysis Batch: 573081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-24	SB-115_4-5	Total/NA	Solid	8270E	567544
410-192708-26	SB-115_29-30	Total/NA	Solid	8270E	567544

Analysis Batch: 573243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-106	SW-05_20241104	Total/NA	Water	8270E	572281

Analysis Batch: 573302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-25	SB-115_21-23	Total/NA	Solid	8270E	567544

Analysis Batch: 573737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-570112/1-A	Method Blank	Total/NA	Solid	8270E	570112

GC/MS Semi VOA (Continued)

Analysis Batch: 573737 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-570112/2-A	Lab Control Sample	Total/NA	Solid	8270E	570112

Analysis Batch: 573834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	8270E	567882
410-192708-2	SB-107_0-1	Total/NA	Solid	8270E	567882
410-192708-3	SB-107_4-5	Total/NA	Solid	8270E	567882
410-192708-4	SB-104_0-1	Total/NA	Solid	8270E	567882
410-192708-5	SB-104_4-5	Total/NA	Solid	8270E	567882
410-192708-6	SB-106_0-1	Total/NA	Solid	8270E	567882
410-192708-7	SB-106_4-5	Total/NA	Solid	8270E	567882
410-192708-8	SB-103_0-1	Total/NA	Solid	8270E	567882
410-192708-9	SB-103_4-5	Total/NA	Solid	8270E	567882
410-192708-10	FD-01_20241014	Total/NA	Solid	8270E	567882
410-192708-12	SB-102_0-1	Total/NA	Solid	8270E	567882
410-192708-14	SB-100_0-1	Total/NA	Solid	8270E	567882
410-192708-15	SB-100_4-5	Total/NA	Solid	8270E	567882
MB 410-567882/1-A	Method Blank	Total/NA	Solid	8270E	567882
LCS 410-567882/2-A	Lab Control Sample	Total/NA	Solid	8270E	567882
410-192708-15 MS	SB-100_4-5 MS	Total/NA	Solid	8270E	567882
410-192708-15 MSD	SB-100_4-5 MSD	Total/NA	Solid	8270E	567882

Prep Batch: 574197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-26 - RE	SB-115_29-30	Total/NA	Solid	3546	
MB 410-574197/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-574197/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 574284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-13	SB-102_4-5	Total/NA	Solid	8270E	567882
410-192708-17	SB-101_4-5	Total/NA	Solid	8270E	567882
410-192708-18	SB-113_0-1	Total/NA	Solid	8270E	567882
410-192708-19	SB-113_4-5	Total/NA	Solid	8270E	567882
410-192708-20	SB-114_10-12	Total/NA	Solid	8270E	567882
410-192708-21	FD-02_20241015	Total/NA	Solid	8270E	567882
410-192708-19 MS	SB-113_4-5 MS	Total/NA	Solid	8270E	567882
410-192708-19 MSD	SB-113_4-5 MSD	Total/NA	Solid	8270E	567882

Analysis Batch: 574606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-571134/1-A	Method Blank	Total/NA	Water	8270E	571134
LCS 410-571134/2-A	Lab Control Sample	Total/NA	Water	8270E	571134
LCSD 410-571134/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	571134

Analysis Batch: 574826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-26 - RE	SB-115_29-30	Total/NA	Solid	8270E	574197
MB 410-574197/1-A	Method Blank	Total/NA	Solid	8270E	574197
LCS 410-574197/2-A	Lab Control Sample	Total/NA	Solid	8270E	574197

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

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Analysis Batch: 574891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-87	MW-09_20241029	Total/NA	Water	8270E	571134

Analysis Batch: 575616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-16	SB-100_18-20	Total/NA	Solid	8270E	567882

Prep Batch: 576466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-102	SED-04_0-1_20241104	Total/NA	Solid	3546	
410-192708-103	SED-05_0-1_20241104	Total/NA	Solid	3546	
410-192708-104	SED-06_0-1_20241104	Total/NA	Solid	3546	
MB 410-576466/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-576466/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 577022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-102	SED-04_0-1_20241104	Total/NA	Solid	8270E	576466
MB 410-576466/1-A	Method Blank	Total/NA	Solid	8270E	576466
LCS 410-576466/2-A	Lab Control Sample	Total/NA	Solid	8270E	576466

Analysis Batch: 577172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-103	SED-05_0-1_20241104	Total/NA	Solid	8270E	576466
410-192708-104	SED-06_0-1_20241104	Total/NA	Solid	8270E	576466

Analysis Batch: 583204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-65	SB-116_0-1	Total/NA	Solid	8270E	570112

Prep Batch: 1004662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-51	SB-110_0-1	Total/NA	Solid	3546	
410-192708-52	SB-110_4-5	Total/NA	Solid	3546	
410-192708-54	SB-109_0-1	Total/NA	Solid	3546	
410-192708-55	SB-109_4-5	Total/NA	Solid	3546	
410-192708-56	SB-108_0-1	Total/NA	Solid	3546	
410-192708-57	SB-108_4-5	Total/NA	Solid	3546	
410-192708-58	SB-108_16-18	Total/NA	Solid	3546	
410-192708-59	SB-111_0-1	Total/NA	Solid	3546	
410-192708-60	SB-111_4-5	Total/NA	Solid	3546	
410-192708-62	FD-03_20241017	Total/NA	Solid	3546	
410-192708-63	SB-112_0-1	Total/NA	Solid	3546	
410-192708-64	SB-112_4-5	Total/NA	Solid	3546	
410-192708-66	SB-116_4-5	Total/NA	Solid	3546	
410-192708-67	SB-117_0-1	Total/NA	Solid	3546	
410-192708-68	SB-117_4-5	Total/NA	Solid	3546	
410-192708-69	SB-118_0-1	Total/NA	Solid	3546	
410-192708-70	SB-118_4-5	Total/NA	Solid	3546	
410-192708-71	SB-119_0-1	Total/NA	Solid	3546	
410-192708-72	SB-119_4-5	Total/NA	Solid	3546	
MB 460-1004662/1-A	Method Blank	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 1004662 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 460-1004662/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1004662/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	3546	
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	3546	
410-192708-69 MS	SB-118_0-1	Total/NA	Solid	3546	
410-192708-69 MSD	SB-118_0-1	Total/NA	Solid	3546	

Prep Batch: 1004671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-76	MW-15_20241024	Total/NA	Water	3510C	
410-192708-77	FB-05_20241024	Total/NA	Water	3510C	
410-192708-79	EB-01_20241024	Total/NA	Water	3510C	
410-192708-80	MW-14_20241025	Total/NA	Water	3510C	
410-192708-81	FD-05_20241025	Total/NA	Water	3510C	
410-192708-82	MW-10_20241028	Total/NA	Water	3510C	
410-192708-83	MW-08_20241028	Total/NA	Water	3510C	
410-192708-84	MW-07_20241028	Total/NA	Water	3510C	
410-192708-85	MW-06_20241028	Total/NA	Water	3510C	
MB 460-1004671/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1004671/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1004671/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
410-192708-83 MS	MW-08_20241028	Total/NA	Water	3510C	
410-192708-83 MSD	MW-08_20241028	Total/NA	Water	3510C	

Analysis Batch: 1004707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-76	MW-15_20241024	Total/NA	Water	8270E	1004671
410-192708-77	FB-05_20241024	Total/NA	Water	8270E	1004671
410-192708-79	EB-01_20241024	Total/NA	Water	8270E	1004671
410-192708-80	MW-14_20241025	Total/NA	Water	8270E	1004671
410-192708-81	FD-05_20241025	Total/NA	Water	8270E	1004671
410-192708-82	MW-10_20241028	Total/NA	Water	8270E	1004671
410-192708-83	MW-08_20241028	Total/NA	Water	8270E	1004671
410-192708-84	MW-07_20241028	Total/NA	Water	8270E	1004671
410-192708-85	MW-06_20241028	Total/NA	Water	8270E	1004671
MB 460-1004671/1-A	Method Blank	Total/NA	Water	8270E	1004671
LCS 460-1004671/2-A	Lab Control Sample	Total/NA	Water	8270E	1004671
LCSD 460-1004671/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1004671
410-192708-83 MS	MW-08_20241028	Total/NA	Water	8270E	1004671
410-192708-83 MSD	MW-08_20241028	Total/NA	Water	8270E	1004671

Analysis Batch: 1004745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-51	SB-110_0-1	Total/NA	Solid	8270E	1004662
410-192708-52	SB-110_4-5	Total/NA	Solid	8270E	1004662
410-192708-54	SB-109_0-1	Total/NA	Solid	8270E	1004662
410-192708-55	SB-109_4-5	Total/NA	Solid	8270E	1004662
410-192708-56	SB-108_0-1	Total/NA	Solid	8270E	1004662
410-192708-57	SB-108_4-5	Total/NA	Solid	8270E	1004662
410-192708-58	SB-108_16-18	Total/NA	Solid	8270E	1004662
410-192708-59	SB-111_0-1	Total/NA	Solid	8270E	1004662

GC/MS Semi VOA (Continued)

Analysis Batch: 1004745 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-60	SB-111_4-5	Total/NA	Solid	8270E	1004662
410-192708-62	FD-03_20241017	Total/NA	Solid	8270E	1004662
410-192708-63	SB-112_0-1	Total/NA	Solid	8270E	1004662
410-192708-64	SB-112_4-5	Total/NA	Solid	8270E	1004662
410-192708-66	SB-116_4-5	Total/NA	Solid	8270E	1004662
410-192708-67	SB-117_0-1	Total/NA	Solid	8270E	1004662
410-192708-68	SB-117_4-5	Total/NA	Solid	8270E	1004662
410-192708-69	SB-118_0-1	Total/NA	Solid	8270E	1004662
410-192708-70	SB-118_4-5	Total/NA	Solid	8270E	1004662
410-192708-71	SB-119_0-1	Total/NA	Solid	8270E	1004662
410-192708-72	SB-119_4-5	Total/NA	Solid	8270E	1004662
MB 460-1004662/1-A	Method Blank	Total/NA	Solid	8270E	1004662
LCS 460-1004662/2-A	Lab Control Sample	Total/NA	Solid	8270E	1004662
LCSD 460-1004662/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1004662
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	8270E	1004662
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	8270E	1004662
410-192708-69 MS	SB-118_0-1	Total/NA	Solid	8270E	1004662
410-192708-69 MSD	SB-118_0-1	Total/NA	Solid	8270E	1004662

Prep Batch: 1005404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94	SED-01_0-1_20241101	Total/NA	Solid	3546	
410-192708-95	SED-02_0-1_20241101	Total/NA	Solid	3546	
410-192708-96	SED-03_0-1_20241101	Total/NA	Solid	3546	
410-192708-97	FD-06_20241101	Total/NA	Solid	3546	
MB 460-1005404/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1005404/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1005404/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
410-192708-94 MS	SED-01_0-1_20241101	Total/NA	Solid	3546	
410-192708-94 MSD	SED-01_0-1_20241101	Total/NA	Solid	3546	

Analysis Batch: 1005444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94	SED-01_0-1_20241101	Total/NA	Solid	8270E	1005404
410-192708-95	SED-02_0-1_20241101	Total/NA	Solid	8270E	1005404
410-192708-96	SED-03_0-1_20241101	Total/NA	Solid	8270E	1005404
410-192708-97	FD-06_20241101	Total/NA	Solid	8270E	1005404
MB 460-1005404/1-A	Method Blank	Total/NA	Solid	8270E	1005404
LCS 460-1005404/2-A	Lab Control Sample	Total/NA	Solid	8270E	1005404
LCSD 460-1005404/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1005404
410-192708-94 MS	SED-01_0-1_20241101	Total/NA	Solid	8270E	1005404
410-192708-94 MSD	SED-01_0-1_20241101	Total/NA	Solid	8270E	1005404

Prep Batch: 1005521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-88	MW-13_20241030	Total/NA	Water	3510C	
410-192708-90	MW-03_20241030	Total/NA	Water	3510C	
410-192708-91	MW-11_20241030	Total/NA	Water	3510C	
410-192708-92	MW-12_20241030	Total/NA	Water	3510C	
410-192708-93	MW-04_20241031	Total/NA	Water	3510C	
410-192708-98	SW-01_20241101	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 1005521 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-99	SW-02_20241101	Total/NA	Water	3510C	
410-192708-100	EB-02_20241101	Total/NA	Water	3510C	
410-192708-101	FB-06_20241101	Total/NA	Water	3510C	
MB 460-1005521/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1005521/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1005521/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1005653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-88	MW-13_20241030	Total/NA	Water	8270E	1005521
410-192708-90	MW-03_20241030	Total/NA	Water	8270E	1005521
410-192708-91	MW-11_20241030	Total/NA	Water	8270E	1005521
410-192708-92	MW-12_20241030	Total/NA	Water	8270E	1005521
410-192708-93	MW-04_20241031	Total/NA	Water	8270E	1005521
410-192708-98	SW-01_20241101	Total/NA	Water	8270E	1005521
410-192708-99	SW-02_20241101	Total/NA	Water	8270E	1005521
410-192708-100	EB-02_20241101	Total/NA	Water	8270E	1005521
410-192708-101	FB-06_20241101	Total/NA	Water	8270E	1005521
MB 460-1005521/1-A	Method Blank	Total/NA	Water	8270E	1005521
LCS 460-1005521/2-A	Lab Control Sample	Total/NA	Water	8270E	1005521
LCSD 460-1005521/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1005521

GC VOA

Analysis Batch: 564334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	8015D	
MB 410-564334/5	Method Blank	Total/NA	Water	8015D	
LCS 410-564334/6	Lab Control Sample	Total/NA	Water	8015D	
LCSD 410-564334/7	Lab Control Sample Dup	Total/NA	Water	8015D	

Prep Batch: 565308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	5035	
410-192708-19	SB-113_4-5	Total/NA	Solid	5035	
410-192708-20	SB-114_10-12	Total/NA	Solid	5035	
410-192708-21	FD-02_20241015	Total/NA	Solid	5035	
410-192708-19 MS	SB-113_4-5 MS	Total/NA	Solid	5035	
410-192708-19 MSD	SB-113_4-5 MSD	Total/NA	Solid	5035	

Analysis Batch: 565497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	8015D	565308
410-192708-20	SB-114_10-12	Total/NA	Solid	8015D	565308
410-192708-21	FD-02_20241015	Total/NA	Solid	8015D	565308
MB 410-565497/5	Method Blank	Total/NA	Solid	8015D	
LCS 410-565497/6	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 410-565497/7	Lab Control Sample Dup	Total/NA	Solid	8015D	

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

GC VOA

Analysis Batch: 566098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-19	SB-113_4-5	Total/NA	Solid	8015D	565308
MB 410-566098/6	Method Blank	Total/NA	Solid	8015D	
LCS 410-566098/7	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 410-566098/8	Lab Control Sample Dup	Total/NA	Solid	8015D	
410-192708-19 MS	SB-113_4-5 MS	Total/NA	Solid	8015D	565308
410-192708-19 MSD	SB-113_4-5 MSD	Total/NA	Solid	8015D	565308

Prep Batch: 566500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-24	SB-115_4-5	Total/NA	Solid	5035	
410-192708-25	SB-115_21-23	Total/NA	Solid	5035	
410-192708-26	SB-115_29-30	Total/NA	Solid	5035	
410-192708-67	SB-117_0-1	Total/NA	Solid	5035	
410-192708-69	SB-118_0-1	Total/NA	Solid	5035	
410-192708-69 MS	SB-118_0-1	Total/NA	Solid	5035	

Analysis Batch: 566681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-24	SB-115_4-5	Total/NA	Solid	8015D	566500
410-192708-67	SB-117_0-1	Total/NA	Solid	8015D	566500
MB 410-566681/5	Method Blank	Total/NA	Solid	8015D	
LCS 410-566681/6	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 410-566681/7	Lab Control Sample Dup	Total/NA	Solid	8015D	

Prep Batch: 567128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-69 MSD	SB-118_0-1	Total/NA	Solid	5030C	

Analysis Batch: 567229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-25	SB-115_21-23	Total/NA	Solid	8015D	566500
410-192708-26	SB-115_29-30	Total/NA	Solid	8015D	566500
410-192708-69	SB-118_0-1	Total/NA	Solid	8015D	566500
MB 410-567229/5	Method Blank	Total/NA	Solid	8015D	
LCS 410-567229/6	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 410-567229/7	Lab Control Sample Dup	Total/NA	Solid	8015D	
410-192708-69 MS	SB-118_0-1	Total/NA	Solid	8015D	566500
410-192708-69 MSD	SB-118_0-1	Total/NA	Solid	8015D	567128

GC Semi VOA

Prep Batch: 565177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	3510C	
MB 410-565177/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-565177/2-A	Lab Control Sample	Total/NA	Water	3510C	

Prep Batch: 565291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	3510C	
MB 410-565291/1-A	Method Blank	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 565291 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-565291/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 410-565291/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 565451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	8151A	
MB 410-565451/1-A	Method Blank	Total/NA	Water	8151A	
LCS 410-565451/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 410-565451/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	

Analysis Batch: 565557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	8082A	565177
MB 410-565177/1-A	Method Blank	Total/NA	Water	8082A	565177
LCS 410-565177/2-A	Lab Control Sample	Total/NA	Water	8082A	565177

Prep Batch: 565855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	3546	
410-192708-2	SB-107_0-1	Total/NA	Solid	3546	
410-192708-3	SB-107_4-5	Total/NA	Solid	3546	
410-192708-19	SB-113_4-5	Total/NA	Solid	3546	
MB 410-565855/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-565855/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-192708-19 MS	SB-113_4-5 MS	Total/NA	Solid	3546	
410-192708-19 MSD	SB-113_4-5 MSD	Total/NA	Solid	3546	

Analysis Batch: 565961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	8082A	565855
410-192708-2	SB-107_0-1	Total/NA	Solid	8082A	565855
410-192708-3	SB-107_4-5	Total/NA	Solid	8082A	565855
410-192708-19	SB-113_4-5	Total/NA	Solid	8082A	565855
MB 410-565855/1-A	Method Blank	Total/NA	Solid	8082A	565855
LCS 410-565855/2-A	Lab Control Sample	Total/NA	Solid	8082A	565855
410-192708-19 MS	SB-113_4-5 MS	Total/NA	Solid	8082A	565855
410-192708-19 MSD	SB-113_4-5 MSD	Total/NA	Solid	8082A	565855

Analysis Batch: 566007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	8015D	565291
MB 410-565291/1-A	Method Blank	Total/NA	Water	8015D	565291
LCS 410-565291/2-A	Lab Control Sample	Total/NA	Water	8015D	565291
LCSD 410-565291/3-A	Lab Control Sample Dup	Total/NA	Water	8015D	565291

Analysis Batch: 566062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	8151A	565451
MB 410-565451/1-A	Method Blank	Total/NA	Water	8151A	565451
LCS 410-565451/2-A	Lab Control Sample	Total/NA	Water	8151A	565451
LCSD 410-565451/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	565451

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

GC Semi VOA

Prep Batch: 566467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	3510C	
MB 410-566467/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-566467/2-A	Lab Control Sample	Total/NA	Water	3510C	

Prep Batch: 566481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	3546	
410-192708-19	SB-113_4-5	Total/NA	Solid	3546	
410-192708-20	SB-114_10-12	Total/NA	Solid	3546	
410-192708-21	FD-02_20241015	Total/NA	Solid	3546	
410-192708-24	SB-115_4-5	Total/NA	Solid	3546	
410-192708-25	SB-115_21-23	Total/NA	Solid	3546	
410-192708-26	SB-115_29-30	Total/NA	Solid	3546	
MB 410-566481/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-566481/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-192708-19 MS	SB-113_4-5 MS	Total/NA	Solid	3546	
410-192708-19 MSD	SB-113_4-5 MSD	Total/NA	Solid	3546	

Analysis Batch: 566614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	8015D	566481
410-192708-19	SB-113_4-5	Total/NA	Solid	8015D	566481
410-192708-20	SB-114_10-12	Total/NA	Solid	8015D	566481
410-192708-21	FD-02_20241015	Total/NA	Solid	8015D	566481
410-192708-24	SB-115_4-5	Total/NA	Solid	8015D	566481
410-192708-26	SB-115_29-30	Total/NA	Solid	8015D	566481
MB 410-566481/1-A	Method Blank	Total/NA	Solid	8015D	566481
LCS 410-566481/2-A	Lab Control Sample	Total/NA	Solid	8015D	566481
410-192708-19 MS	SB-113_4-5 MS	Total/NA	Solid	8015D	566481
410-192708-19 MSD	SB-113_4-5 MSD	Total/NA	Solid	8015D	566481

Analysis Batch: 566637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	8081B	566467
MB 410-566467/1-A	Method Blank	Total/NA	Water	8081B	566467
LCS 410-566467/2-A	Lab Control Sample	Total/NA	Water	8081B	566467

Prep Batch: 566699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-27	N-3N_0-1	Total/NA	Solid	8151A	
410-192708-30	N-3S_0-1	Total/NA	Solid	8151A	
410-192708-39	C-2N_0-1	Total/NA	Solid	8151A	
MB 410-566699/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 410-566699/2-A	Lab Control Sample	Total/NA	Solid	8151A	

Analysis Batch: 567185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-27	N-3N_0-1	Total/NA	Solid	8151A	566699
410-192708-30	N-3S_0-1	Total/NA	Solid	8151A	566699
410-192708-39	C-2N_0-1	Total/NA	Solid	8151A	566699
MB 410-566699/1-A	Method Blank	Total/NA	Solid	8151A	566699

GC Semi VOA (Continued)

Analysis Batch: 567185 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-566699/2-A	Lab Control Sample	Total/NA	Solid	8151A	566699

Prep Batch: 567521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-59	SB-111_0-1	Total/NA	Solid	3546	
410-192708-60	SB-111_4-5	Total/NA	Solid	3546	
410-192708-62	FD-03_20241017	Total/NA	Solid	3546	
MB 410-567521/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-567521/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	3546	
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	3546	

Prep Batch: 567582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-67	SB-117_0-1	Total/NA	Solid	3546	
410-192708-69	SB-118_0-1	Total/NA	Solid	3546	
MB 410-567582/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-567582/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-192708-69 MS	SB-118_0-1	Total/NA	Solid	3546	
410-192708-69 MSD	SB-118_0-1	Total/NA	Solid	3546	

Analysis Batch: 567903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-567582/1-A	Method Blank	Total/NA	Solid	8015D	567582
LCS 410-567582/2-A	Lab Control Sample	Total/NA	Solid	8015D	567582

Prep Batch: 568019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-18	SB-113_0-1	Total/NA	Solid	3546	
MB 410-568019/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-568019/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 568150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-59	SB-111_0-1	Total/NA	Solid	8082A	567521
410-192708-60	SB-111_4-5	Total/NA	Solid	8082A	567521
410-192708-62	FD-03_20241017	Total/NA	Solid	8082A	567521
MB 410-567521/1-A	Method Blank	Total/NA	Solid	8082A	567521
LCS 410-567521/2-A	Lab Control Sample	Total/NA	Solid	8082A	567521
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	8082A	567521
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	8082A	567521

Prep Batch: 568247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-27 - DL	N-3N_0-1	Total/NA	Solid	3546	
410-192708-27	N-3N_0-1	Total/NA	Solid	3546	
410-192708-30	N-3S_0-1	Total/NA	Solid	3546	
410-192708-39	C-2N_0-1	Total/NA	Solid	3546	
MB 410-568247/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-568247/2-A	Lab Control Sample	Total/NA	Solid	3546	

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

GC Semi VOA

Analysis Batch: 568618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-25	SB-115_21-23	Total/NA	Solid	8015D	566481
410-192708-67	SB-117_0-1	Total/NA	Solid	8015D	567582
410-192708-69	SB-118_0-1	Total/NA	Solid	8015D	567582
410-192708-69 MS	SB-118_0-1	Total/NA	Solid	8015D	567582
410-192708-69 MSD	SB-118_0-1	Total/NA	Solid	8015D	567582

Analysis Batch: 568748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-18	SB-113_0-1	Total/NA	Solid	8082A	568019
MB 410-568019/1-A	Method Blank	Total/NA	Solid	8082A	568019
LCS 410-568019/2-A	Lab Control Sample	Total/NA	Solid	8082A	568019

Analysis Batch: 568804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-27	N-3N_0-1	Total/NA	Solid	8081B	568247
410-192708-27 - DL	N-3N_0-1	Total/NA	Solid	8081B	568247
410-192708-30	N-3S_0-1	Total/NA	Solid	8081B	568247
410-192708-39	C-2N_0-1	Total/NA	Solid	8081B	568247
MB 410-568247/1-A	Method Blank	Total/NA	Solid	8081B	568247
LCS 410-568247/2-A	Lab Control Sample	Total/NA	Solid	8081B	568247

Prep Batch: 570251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-76	MW-15_20241024	Total/NA	Water	3510C	
410-192708-77	FB-05_20241024	Total/NA	Water	3510C	
410-192708-79	EB-01_20241024	Total/NA	Water	3510C	
410-192708-80	MW-14_20241025	Total/NA	Water	3510C	
410-192708-81	FD-05_20241025	Total/NA	Water	3510C	
410-192708-82	MW-10_20241028	Total/NA	Water	3510C	
410-192708-83	MW-08_20241028	Total/NA	Water	3510C	
410-192708-84	MW-07_20241028	Total/NA	Water	3510C	
410-192708-85	MW-06_20241028	Total/NA	Water	3510C	
MB 410-570251/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-570251/2-A	Lab Control Sample	Total/NA	Water	3510C	
410-192708-83 MS	MW-08_20241028	Total/NA	Water	3510C	
410-192708-83 MSD	MW-08_20241028	Total/NA	Water	3510C	

Analysis Batch: 570867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-76	MW-15_20241024	Total/NA	Water	8082A	570251
410-192708-77	FB-05_20241024	Total/NA	Water	8082A	570251
410-192708-79	EB-01_20241024	Total/NA	Water	8082A	570251
410-192708-80	MW-14_20241025	Total/NA	Water	8082A	570251
410-192708-81	FD-05_20241025	Total/NA	Water	8082A	570251
410-192708-82	MW-10_20241028	Total/NA	Water	8082A	570251
410-192708-84	MW-07_20241028	Total/NA	Water	8082A	570251
410-192708-85	MW-06_20241028	Total/NA	Water	8082A	570251

Analysis Batch: 571386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-83	MW-08_20241028	Total/NA	Water	8082A	570251

GC Semi VOA (Continued)

Analysis Batch: 571386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-570251/1-A	Method Blank	Total/NA	Water	8082A	570251
LCS 410-570251/2-A	Lab Control Sample	Total/NA	Water	8082A	570251
410-192708-83 MS	MW-08_20241028	Total/NA	Water	8082A	570251
410-192708-83 MSD	MW-08_20241028	Total/NA	Water	8082A	570251

Prep Batch: 572786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-88	MW-13_20241030	Total/NA	Water	3510C	
410-192708-90	MW-03_20241030	Total/NA	Water	3510C	
410-192708-91	MW-11_20241030	Total/NA	Water	3510C	
410-192708-92	MW-12_20241030	Total/NA	Water	3510C	
410-192708-93	MW-04_20241031	Total/NA	Water	3510C	
410-192708-100	EB-02_20241101	Total/NA	Water	3510C	
410-192708-101	FB-06_20241101	Total/NA	Water	3510C	
410-192708-108	MW-05_20241104	Total/NA	Water	3510C	
MB 410-572786/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-572786/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 573060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-88	MW-13_20241030	Total/NA	Water	8082A	572786
410-192708-90	MW-03_20241030	Total/NA	Water	8082A	572786
410-192708-91	MW-11_20241030	Total/NA	Water	8082A	572786
410-192708-92	MW-12_20241030	Total/NA	Water	8082A	572786
410-192708-93	MW-04_20241031	Total/NA	Water	8082A	572786
410-192708-100	EB-02_20241101	Total/NA	Water	8082A	572786
410-192708-101	FB-06_20241101	Total/NA	Water	8082A	572786
410-192708-108	MW-05_20241104	Total/NA	Water	8082A	572786
MB 410-572786/1-A	Method Blank	Total/NA	Water	8082A	572786
LCS 410-572786/2-A	Lab Control Sample	Total/NA	Water	8082A	572786

Prep Batch: 573338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94	SED-01_0-1_20241101	Total/NA	Solid	3546	
410-192708-95	SED-02_0-1_20241101	Total/NA	Solid	3546	
410-192708-96	SED-03_0-1_20241101	Total/NA	Solid	3546	
410-192708-97	FD-06_20241101	Total/NA	Solid	3546	
MB 410-573338/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-573338/2-A	Lab Control Sample	Total/NA	Solid	3546	
410-192708-94 MS	SED-01_0-1_20241101	Total/NA	Solid	3546	
410-192708-94 MSD	SED-01_0-1_20241101	Total/NA	Solid	3546	

Analysis Batch: 573654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94	SED-01_0-1_20241101	Total/NA	Solid	8082A	573338
410-192708-95	SED-02_0-1_20241101	Total/NA	Solid	8082A	573338
410-192708-96	SED-03_0-1_20241101	Total/NA	Solid	8082A	573338
410-192708-97	FD-06_20241101	Total/NA	Solid	8082A	573338
MB 410-573338/1-A	Method Blank	Total/NA	Solid	8082A	573338
LCS 410-573338/2-A	Lab Control Sample	Total/NA	Solid	8082A	573338
410-192708-94 MS	SED-01_0-1_20241101	Total/NA	Solid	8082A	573338

GC Semi VOA (Continued)

Analysis Batch: 573654 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94 MSD	SED-01_0-1_20241101	Total/NA	Solid	8082A	573338

Prep Batch: 574486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-102	SED-04_0-1_20241104	Total/NA	Solid	3546	
410-192708-103	SED-05_0-1_20241104	Total/NA	Solid	3546	
410-192708-104	SED-06_0-1_20241104	Total/NA	Solid	3546	
MB 410-574486/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-574486/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 575118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-102	SED-04_0-1_20241104	Total/NA	Solid	8082A	574486
410-192708-103	SED-05_0-1_20241104	Total/NA	Solid	8082A	574486
410-192708-104	SED-06_0-1_20241104	Total/NA	Solid	8082A	574486
MB 410-574486/1-A	Method Blank	Total/NA	Solid	8082A	574486
LCS 410-574486/2-A	Lab Control Sample	Total/NA	Solid	8082A	574486

Metals

Prep Batch: 564706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	7470A	
MB 410-564706/1-A	Method Blank	Total/NA	Water	7470A	
LCS 410-564706/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 564941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total Recoverable	Water	3005A	
MB 410-564941/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-564941/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 565692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-61	FB-02_20241017	Total Recoverable	Water	3005A	
410-192708-74	FB-04_20241018	Total Recoverable	Water	3005A	
MB 410-565692/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-565692/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 566194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-61	FB-02_20241017	Total/NA	Water	7470A	
MB 410-566194/1-A	Method Blank	Total/NA	Water	7470A	
LCS 410-566194/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 566196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-74	FB-04_20241018	Total/NA	Water	7470A	
MB 410-566196/1-A	Method Blank	Total/NA	Water	7470A	
LCS 410-566196/2-A	Lab Control Sample	Total/NA	Water	7470A	

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Metals

Prep Batch: 566581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	3050B	
410-192708-2	SB-107_0-1	Total/NA	Solid	3050B	
410-192708-3	SB-107_4-5	Total/NA	Solid	3050B	
410-192708-4	SB-104_0-1	Total/NA	Solid	3050B	
410-192708-5	SB-104_4-5	Total/NA	Solid	3050B	
410-192708-6	SB-106_0-1	Total/NA	Solid	3050B	
410-192708-7	SB-106_4-5	Total/NA	Solid	3050B	
410-192708-8	SB-103_0-1	Total/NA	Solid	3050B	
410-192708-9	SB-103_4-5	Total/NA	Solid	3050B	
410-192708-12	SB-102_0-1	Total/NA	Solid	3050B	
410-192708-13	SB-102_4-5	Total/NA	Solid	3050B	
410-192708-14	SB-100_0-1	Total/NA	Solid	3050B	
410-192708-15	SB-100_4-5	Total/NA	Solid	3050B	
410-192708-16	SB-100_18-20	Total/NA	Solid	3050B	
410-192708-17	SB-101_4-5	Total/NA	Solid	3050B	
MB 410-566581/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-566581/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	
410-192708-15 MS	SB-100_4-5 MS	Total/NA	Solid	3050B	
410-192708-15 MSD	SB-100_4-5 MSD	Total/NA	Solid	3050B	
410-192708-15 DU	SB-100_4-5	Total/NA	Solid	3050B	

Prep Batch: 566587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	7471B	
410-192708-2	SB-107_0-1	Total/NA	Solid	7471B	
410-192708-3	SB-107_4-5	Total/NA	Solid	7471B	
410-192708-4	SB-104_0-1	Total/NA	Solid	7471B	
410-192708-5	SB-104_4-5	Total/NA	Solid	7471B	
410-192708-6	SB-106_0-1	Total/NA	Solid	7471B	
410-192708-7	SB-106_4-5	Total/NA	Solid	7471B	
410-192708-8	SB-103_0-1	Total/NA	Solid	7471B	
410-192708-9	SB-103_4-5	Total/NA	Solid	7471B	
410-192708-12	SB-102_0-1	Total/NA	Solid	7471B	
410-192708-13	SB-102_4-5	Total/NA	Solid	7471B	
410-192708-14	SB-100_0-1	Total/NA	Solid	7471B	
410-192708-15	SB-100_4-5	Total/NA	Solid	7471B	
410-192708-16	SB-100_18-20	Total/NA	Solid	7471B	
410-192708-17	SB-101_4-5	Total/NA	Solid	7471B	
MB 410-566587/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-566587/2-A	Lab Control Sample	Total/NA	Solid	7471B	
410-192708-15 MS	SB-100_4-5 MS	Total/NA	Solid	7471B	
410-192708-15 MSD	SB-100_4-5 MSD	Total/NA	Solid	7471B	
410-192708-15 DU	SB-100_4-5	Total/NA	Solid	7471B	

Analysis Batch: 566984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	7470A	564706
MB 410-564706/1-A	Method Blank	Total/NA	Water	7470A	564706
LCS 410-564706/2-A	Lab Control Sample	Total/NA	Water	7470A	564706

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Metals

Prep Batch: 567320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-66	SB-116_4-5	Total/NA	Solid	3050B	
MB 410-567320/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-567320/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 567714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-69	SB-118_0-1	Total/NA	Solid	3050B	
MB 410-567714/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-567714/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	
410-192708-69 MS	SB-118_0-1	Total/NA	Solid	3050B	
410-192708-69 MSD	SB-118_0-1	Total/NA	Solid	3050B	
410-192708-69 DU	SB-118_0-1	Total/NA	Solid	3050B	

Prep Batch: 567722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-66	SB-116_4-5	Total/NA	Solid	7471B	
410-192708-69	SB-118_0-1	Total/NA	Solid	7471B	
MB 410-567722/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-567722/2-A	Lab Control Sample	Total/NA	Solid	7471B	
410-192708-69 MS	SB-118_0-1	Total/NA	Solid	7471B	
410-192708-69 MSD	SB-118_0-1	Total/NA	Solid	7471B	
410-192708-69 DU	SB-118_0-1	Total/NA	Solid	7471B	

Prep Batch: 568203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-51	SB-110_0-1	Total/NA	Solid	7471B	
410-192708-52	SB-110_4-5	Total/NA	Solid	7471B	
410-192708-54	SB-109_0-1	Total/NA	Solid	7471B	
410-192708-55	SB-109_4-5	Total/NA	Solid	7471B	
410-192708-68	SB-117_4-5	Total/NA	Solid	7471B	
MB 410-568203/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-568203/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 568204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-62	FD-03_20241017	Total/NA	Solid	3050B	
410-192708-71	SB-119_0-1	Total/NA	Solid	3050B	
410-192708-73	FD-04_20241018	Total/NA	Solid	3050B	
MB 410-568204/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-568204/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 568392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-51	SB-110_0-1	Total/NA	Solid	3050B	
410-192708-52	SB-110_4-5	Total/NA	Solid	3050B	
410-192708-54	SB-109_0-1	Total/NA	Solid	3050B	
410-192708-55	SB-109_4-5	Total/NA	Solid	3050B	
410-192708-57	SB-108_4-5	Total/NA	Solid	3050B	
410-192708-59	SB-111_0-1	Total/NA	Solid	3050B	
410-192708-60	SB-111_4-5	Total/NA	Solid	3050B	
410-192708-63	SB-112_0-1	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 568392 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-64	SB-112_4-5	Total/NA	Solid	3050B	
410-192708-65	SB-116_0-1	Total/NA	Solid	3050B	
410-192708-67	SB-117_0-1	Total/NA	Solid	3050B	
410-192708-68	SB-117_4-5	Total/NA	Solid	3050B	
410-192708-70	SB-118_4-5	Total/NA	Solid	3050B	
410-192708-72	SB-119_4-5	Total/NA	Solid	3050B	
MB 410-568392/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-568392/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	3050B	
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	3050B	
410-192708-60 DU	SB-111_4-5	Total/NA	Solid	3050B	

Analysis Batch: 568417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total Recoverable	Water	6020B	564941
MB 410-564941/1-A	Method Blank	Total Recoverable	Water	6020B	564941
LCS 410-564941/2-A	Lab Control Sample	Total Recoverable	Water	6020B	564941

Prep Batch: 568764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-56	SB-108_0-1	Total/NA	Solid	3050B	
MB 410-568764/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-568764/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 568775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-58	SB-108_16-18	Total/NA	Solid	3050B	
MB 410-568775/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-568775/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 568783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-60	SB-111_4-5	Total/NA	Solid	7471B	
MB 410-568783/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-568783/2-A	Lab Control Sample	Total/NA	Solid	7471B	
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	7471B	
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	7471B	
410-192708-60 DU	SB-111_4-5	Total/NA	Solid	7471B	

Prep Batch: 568784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-56	SB-108_0-1	Total/NA	Solid	7471B	
410-192708-57	SB-108_4-5	Total/NA	Solid	7471B	
410-192708-58	SB-108_16-18	Total/NA	Solid	7471B	
410-192708-59	SB-111_0-1	Total/NA	Solid	7471B	
410-192708-62	FD-03_20241017	Total/NA	Solid	7471B	
410-192708-63	SB-112_0-1	Total/NA	Solid	7471B	
410-192708-64	SB-112_4-5	Total/NA	Solid	7471B	
410-192708-65	SB-116_0-1	Total/NA	Solid	7471B	
410-192708-70	SB-118_4-5	Total/NA	Solid	7471B	
410-192708-71	SB-119_0-1	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 568784 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-72	SB-119_4-5	Total/NA	Solid	7471B	
410-192708-73	FD-04_20241018	Total/NA	Solid	7471B	
MB 410-568784/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-568784/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 568999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-28	N-3N_1-2	Total/NA	Solid	3050B	
410-192708-29	N-3N_2-3	Total/NA	Solid	3050B	
410-192708-38	N-3E_2-3	Total/NA	Solid	3050B	
410-192708-41	C-2N_2-3	Total/NA	Solid	3050B	
410-192708-44	C-2S_2-3	Total/NA	Solid	3050B	
410-192708-46	C-2E_1-2	Total/NA	Solid	3050B	
410-192708-47	C-2E_2-3	Total/NA	Solid	3050B	
410-192708-49	C-2W_1-2	Total/NA	Solid	3050B	
MB 410-568999/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-568999/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 569001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-27	N-3N_0-1	Total/NA	Solid	3050B	
410-192708-31	N-3S_1-2	Total/NA	Solid	3050B	
410-192708-32	N-3S_2-3	Total/NA	Solid	3050B	
410-192708-33	N-3W_0-1	Total/NA	Solid	3050B	
410-192708-34	N-3W_1-2	Total/NA	Solid	3050B	
410-192708-35	N-3W_2-3	Total/NA	Solid	3050B	
410-192708-36	N-3E_0-1	Total/NA	Solid	3050B	
410-192708-37	N-3E_1-2	Total/NA	Solid	3050B	
410-192708-39	C-2N_0-1	Total/NA	Solid	3050B	
410-192708-40	C-2N_1-2	Total/NA	Solid	3050B	
410-192708-42	C-2S_0-1	Total/NA	Solid	3050B	
410-192708-43	C-2S_1-2	Total/NA	Solid	3050B	
410-192708-45	C-2E_0-1	Total/NA	Solid	3050B	
410-192708-48	C-2W_0-1	Total/NA	Solid	3050B	
410-192708-50	C-2W_2-3	Total/NA	Solid	3050B	
MB 410-569001/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-569001/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	
410-192708-42 MS	C-2S_0-1	Total/NA	Solid	3050B	
410-192708-42 MSD	C-2S_0-1	Total/NA	Solid	3050B	
410-192708-42 DU	C-2S_0-1	Total/NA	Solid	3050B	

Analysis Batch: 569090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-69	SB-118_0-1	Total/NA	Solid	6020B	567714
MB 410-567714/1-A ^2	Method Blank	Total/NA	Solid	6020B	567714
LCS 410-567714/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	567714
410-192708-69 MS	SB-118_0-1	Total/NA	Solid	6020B	567714
410-192708-69 MSD	SB-118_0-1	Total/NA	Solid	6020B	567714
410-192708-69 DU	SB-118_0-1	Total/NA	Solid	6020B	567714

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Metals

Analysis Batch: 569096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total Recoverable	Water	6020B	564941

Prep Batch: 569238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-67	SB-117_0-1	Total/NA	Solid	7471B	
MB 410-569238/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-569238/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 569294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-27	N-3N_0-1	Total/NA	Solid	7471B	
410-192708-28	N-3N_1-2	Total/NA	Solid	7471B	
410-192708-29	N-3N_2-3	Total/NA	Solid	7471B	
410-192708-31	N-3S_1-2	Total/NA	Solid	7471B	
410-192708-32	N-3S_2-3	Total/NA	Solid	7471B	
410-192708-33	N-3W_0-1	Total/NA	Solid	7471B	
410-192708-34	N-3W_1-2	Total/NA	Solid	7471B	
410-192708-38	N-3E_2-3	Total/NA	Solid	7471B	
410-192708-39	C-2N_0-1	Total/NA	Solid	7471B	
410-192708-40	C-2N_1-2	Total/NA	Solid	7471B	
410-192708-41	C-2N_2-3	Total/NA	Solid	7471B	
410-192708-42	C-2S_0-1	Total/NA	Solid	7471B	
410-192708-43	C-2S_1-2	Total/NA	Solid	7471B	
410-192708-44	C-2S_2-3	Total/NA	Solid	7471B	
410-192708-45	C-2E_0-1	Total/NA	Solid	7471B	
410-192708-46	C-2E_1-2	Total/NA	Solid	7471B	
410-192708-47	C-2E_2-3	Total/NA	Solid	7471B	
410-192708-48	C-2W_0-1	Total/NA	Solid	7471B	
410-192708-49	C-2W_1-2	Total/NA	Solid	7471B	
410-192708-50	C-2W_2-3	Total/NA	Solid	7471B	
MB 410-569294/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-569294/2-A	Lab Control Sample	Total/NA	Solid	7471B	
410-192708-41 MS	C-2N_2-3	Total/NA	Solid	7471B	
410-192708-41 MSD	C-2N_2-3	Total/NA	Solid	7471B	
410-192708-41 DU	C-2N_2-3	Total/NA	Solid	7471B	

Prep Batch: 569295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-35	N-3W_2-3	Total/NA	Solid	7471B	
410-192708-36	N-3E_0-1	Total/NA	Solid	7471B	
410-192708-37	N-3E_1-2	Total/NA	Solid	7471B	
MB 410-569295/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-569295/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 569305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-74	FB-04_20241018	Total/NA	Water	7470A	566196
MB 410-566196/1-A	Method Blank	Total/NA	Water	7470A	566196
LCS 410-566196/2-A	Lab Control Sample	Total/NA	Water	7470A	566196

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Metals

Prep Batch: 569414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-77	FB-05_20241024	Total Recoverable	Water	3005A	
MB 410-569414/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-569414/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 569417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-79	EB-01_20241024	Total Recoverable	Water	3005A	
410-192708-80	MW-14_20241025	Total Recoverable	Water	3005A	
410-192708-81	FD-05_20241025	Total Recoverable	Water	3005A	
MB 410-569417/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-569417/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 569431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-76	MW-15_20241024	Total Recoverable	Water	3005A	
MB 410-569431/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-569431/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 410-569431/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 569501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-76	MW-15_20241024	Total/NA	Water	7470A	
MB 410-569501/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 569503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-77	FB-05_20241024	Total/NA	Water	7470A	
410-192708-79	EB-01_20241024	Total/NA	Water	7470A	
410-192708-80	MW-14_20241025	Total/NA	Water	7470A	
410-192708-81	FD-05_20241025	Total/NA	Water	7470A	
MB 410-569503/1-A	Method Blank	Total/NA	Water	7470A	
LCS 410-569503/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 569527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-56	SB-108_0-1	Total/NA	Solid	7471B	568784
410-192708-57	SB-108_4-5	Total/NA	Solid	7471B	568784
410-192708-58	SB-108_16-18	Total/NA	Solid	7471B	568784
410-192708-59	SB-111_0-1	Total/NA	Solid	7471B	568784
410-192708-62	FD-03_20241017	Total/NA	Solid	7471B	568784
410-192708-63	SB-112_0-1	Total/NA	Solid	7471B	568784
410-192708-64	SB-112_4-5	Total/NA	Solid	7471B	568784
410-192708-65	SB-116_0-1	Total/NA	Solid	7471B	568784
410-192708-70	SB-118_4-5	Total/NA	Solid	7471B	568784
410-192708-71	SB-119_0-1	Total/NA	Solid	7471B	568784
410-192708-72	SB-119_4-5	Total/NA	Solid	7471B	568784
410-192708-73	FD-04_20241018	Total/NA	Solid	7471B	568784
MB 410-568784/1-A	Method Blank	Total/NA	Solid	7471B	568784
LCS 410-568784/2-A	Lab Control Sample	Total/NA	Solid	7471B	568784

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Metals

Analysis Batch: 569591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-61	FB-02_20241017	Total Recoverable	Water	6020B	565692
410-192708-74	FB-04_20241018	Total Recoverable	Water	6020B	565692
MB 410-565692/1-A	Method Blank	Total Recoverable	Water	6020B	565692
LCS 410-565692/2-A	Lab Control Sample	Total Recoverable	Water	6020B	565692

Analysis Batch: 569745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-565692/1-A	Method Blank	Total Recoverable	Water	6020B	565692
LCS 410-565692/2-A	Lab Control Sample	Total Recoverable	Water	6020B	565692

Analysis Batch: 569987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-51	SB-110_0-1	Total/NA	Solid	7471B	568203
410-192708-52	SB-110_4-5	Total/NA	Solid	7471B	568203
410-192708-54	SB-109_0-1	Total/NA	Solid	7471B	568203
410-192708-55	SB-109_4-5	Total/NA	Solid	7471B	568203
410-192708-68	SB-117_4-5	Total/NA	Solid	7471B	568203
MB 410-568203/1-A	Method Blank	Total/NA	Solid	7471B	568203
LCS 410-568203/2-A	Lab Control Sample	Total/NA	Solid	7471B	568203

Analysis Batch: 570050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-56	SB-108_0-1	Total/NA	Solid	6020B	568764
410-192708-56	SB-108_0-1	Total/NA	Solid	6020B	568764
MB 410-568764/1-A ^2	Method Blank	Total/NA	Solid	6020B	568764
LCS 410-568764/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	568764

Analysis Batch: 570169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-62	FD-03_20241017	Total/NA	Solid	6020B	568204
410-192708-62	FD-03_20241017	Total/NA	Solid	6020B	568204
410-192708-71	SB-119_0-1	Total/NA	Solid	6020B	568204
410-192708-71	SB-119_0-1	Total/NA	Solid	6020B	568204
410-192708-71	SB-119_0-1	Total/NA	Solid	6020B	568204
410-192708-73	FD-04_20241018	Total/NA	Solid	6020B	568204
MB 410-568204/1-A ^2	Method Blank	Total/NA	Solid	6020B	568204
LCS 410-568204/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	568204

Analysis Batch: 570203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-61	FB-02_20241017	Total/NA	Water	7470A	566194
MB 410-566194/1-A	Method Blank	Total/NA	Water	7470A	566194
LCS 410-566194/2-A	Lab Control Sample	Total/NA	Water	7470A	566194

Analysis Batch: 570368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-60	SB-111_4-5	Total/NA	Solid	7471B	568783
MB 410-568783/1-A	Method Blank	Total/NA	Solid	7471B	568783
LCS 410-568783/2-A	Lab Control Sample	Total/NA	Solid	7471B	568783
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	7471B	568783
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	7471B	568783

Metals (Continued)

Analysis Batch: 570368 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-60 DU	SB-111_4-5	Total/NA	Solid	7471B	568783

Analysis Batch: 570460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-66	SB-116_4-5	Total/NA	Solid	6020B	567320
MB 410-567320/1-A ^2	Method Blank	Total/NA	Solid	6020B	567320
LCS 410-567320/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	567320

Analysis Batch: 570572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-28	N-3N_1-2	Total/NA	Solid	6020B	568999
410-192708-28	N-3N_1-2	Total/NA	Solid	6020B	568999
410-192708-29	N-3N_2-3	Total/NA	Solid	6020B	568999
410-192708-29	N-3N_2-3	Total/NA	Solid	6020B	568999
410-192708-38	N-3E_2-3	Total/NA	Solid	6020B	568999
410-192708-38	N-3E_2-3	Total/NA	Solid	6020B	568999
410-192708-41	C-2N_2-3	Total/NA	Solid	6020B	568999
410-192708-44	C-2S_2-3	Total/NA	Solid	6020B	568999
410-192708-46	C-2E_1-2	Total/NA	Solid	6020B	568999
410-192708-47	C-2E_2-3	Total/NA	Solid	6020B	568999
410-192708-49	C-2W_1-2	Total/NA	Solid	6020B	568999
410-192708-49	C-2W_1-2	Total/NA	Solid	6020B	568999
410-192708-51	SB-110_0-1	Total/NA	Solid	6020B	568392
410-192708-51	SB-110_0-1	Total/NA	Solid	6020B	568392
410-192708-52	SB-110_4-5	Total/NA	Solid	6020B	568392
410-192708-52	SB-110_4-5	Total/NA	Solid	6020B	568392
410-192708-54	SB-109_0-1	Total/NA	Solid	6020B	568392
410-192708-54	SB-109_0-1	Total/NA	Solid	6020B	568392
410-192708-55	SB-109_4-5	Total/NA	Solid	6020B	568392
410-192708-55	SB-109_4-5	Total/NA	Solid	6020B	568392
410-192708-55	SB-109_4-5	Total/NA	Solid	6020B	568392
410-192708-57	SB-108_4-5	Total/NA	Solid	6020B	568392
410-192708-59	SB-111_0-1	Total/NA	Solid	6020B	568392
410-192708-59	SB-111_0-1	Total/NA	Solid	6020B	568392
410-192708-60	SB-111_4-5	Total/NA	Solid	6020B	568392
410-192708-60	SB-111_4-5	Total/NA	Solid	6020B	568392
410-192708-63	SB-112_0-1	Total/NA	Solid	6020B	568392
410-192708-63	SB-112_0-1	Total/NA	Solid	6020B	568392
410-192708-64	SB-112_4-5	Total/NA	Solid	6020B	568392
410-192708-65	SB-116_0-1	Total/NA	Solid	6020B	568392
410-192708-65	SB-116_0-1	Total/NA	Solid	6020B	568392
410-192708-67	SB-117_0-1	Total/NA	Solid	6020B	568392
410-192708-67	SB-117_0-1	Total/NA	Solid	6020B	568392
410-192708-67	SB-117_0-1	Total/NA	Solid	6020B	568392
410-192708-68	SB-117_4-5	Total/NA	Solid	6020B	568392
410-192708-70	SB-118_4-5	Total/NA	Solid	6020B	568392
410-192708-72	SB-119_4-5	Total/NA	Solid	6020B	568392
410-192708-72	SB-119_4-5	Total/NA	Solid	6020B	568392
MB 410-568392/1-A ^2	Method Blank	Total/NA	Solid	6020B	568392
MB 410-568999/1-A ^2	Method Blank	Total/NA	Solid	6020B	568999
LCS 410-568392/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	568392

Metals (Continued)

Analysis Batch: 570572 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-568999/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	568999
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	6020B	568392
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	6020B	568392
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	6020B	568392
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	6020B	568392
410-192708-60 DU	SB-111_4-5	Total/NA	Solid	6020B	568392
410-192708-60 DU	SB-111_4-5	Total/NA	Solid	6020B	568392

Analysis Batch: 570637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-569238/1-A	Method Blank	Total/NA	Solid	7471B	569238
LCS 410-569238/2-A	Lab Control Sample	Total/NA	Solid	7471B	569238

Analysis Batch: 570643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-67	SB-117_0-1	Total/NA	Solid	7471B	569238

Prep Batch: 570686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-82	MW-10_20241028	Total Recoverable	Water	3005A	
410-192708-83	MW-08_20241028	Total Recoverable	Water	3005A	
410-192708-84	MW-07_20241028	Total Recoverable	Water	3005A	
410-192708-85	MW-06_20241028	Total Recoverable	Water	3005A	
MB 410-570686/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-570686/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
410-192708-83 MS	MW-08_20241028	Total Recoverable	Water	3005A	
410-192708-83 MSD	MW-08_20241028	Total Recoverable	Water	3005A	
410-192708-83 DU	MW-08_20241028	Total Recoverable	Water	3005A	

Analysis Batch: 570792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-67	SB-117_0-1	Total/NA	Solid	6020B	568392

Analysis Batch: 571049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	7471B	566587
410-192708-2	SB-107_0-1	Total/NA	Solid	7471B	566587
410-192708-3	SB-107_4-5	Total/NA	Solid	7471B	566587
410-192708-4	SB-104_0-1	Total/NA	Solid	7471B	566587
410-192708-5	SB-104_4-5	Total/NA	Solid	7471B	566587
410-192708-6	SB-106_0-1	Total/NA	Solid	7471B	566587
410-192708-7	SB-106_4-5	Total/NA	Solid	7471B	566587
410-192708-8	SB-103_0-1	Total/NA	Solid	7471B	566587
410-192708-9	SB-103_4-5	Total/NA	Solid	7471B	566587
410-192708-12	SB-102_0-1	Total/NA	Solid	7471B	566587
410-192708-13	SB-102_4-5	Total/NA	Solid	7471B	566587
410-192708-14	SB-100_0-1	Total/NA	Solid	7471B	566587
410-192708-15	SB-100_4-5	Total/NA	Solid	7471B	566587
410-192708-16	SB-100_18-20	Total/NA	Solid	7471B	566587
410-192708-17	SB-101_4-5	Total/NA	Solid	7471B	566587
410-192708-35	N-3W_2-3	Total/NA	Solid	7471B	569295

Metals (Continued)

Analysis Batch: 571049 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-36	N-3E_0-1	Total/NA	Solid	7471B	569295
410-192708-37	N-3E_1-2	Total/NA	Solid	7471B	569295
MB 410-566587/1-A	Method Blank	Total/NA	Solid	7471B	566587
MB 410-569295/1-A	Method Blank	Total/NA	Solid	7471B	569295
LCS 410-566587/2-A	Lab Control Sample	Total/NA	Solid	7471B	566587
LCS 410-569295/2-A	Lab Control Sample	Total/NA	Solid	7471B	569295
410-192708-15 MS	SB-100_4-5 MS	Total/NA	Solid	7471B	566587
410-192708-15 MSD	SB-100_4-5 MSD	Total/NA	Solid	7471B	566587
410-192708-15 DU	SB-100_4-5	Total/NA	Solid	7471B	566587

Analysis Batch: 571255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-76	MW-15_20241024	Total Recoverable	Water	6020B	569431
MB 410-569431/1-A	Method Blank	Total Recoverable	Water	6020B	569431
LCS 410-569431/2-A	Lab Control Sample	Total Recoverable	Water	6020B	569431
LCSD 410-569431/3-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	569431

Analysis Batch: 571257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-77	FB-05_20241024	Total Recoverable	Water	6020B	569414
410-192708-79	EB-01_20241024	Total Recoverable	Water	6020B	569417
410-192708-80	MW-14_20241025	Total Recoverable	Water	6020B	569417
410-192708-81	FD-05_20241025	Total Recoverable	Water	6020B	569417
MB 410-569414/1-A	Method Blank	Total Recoverable	Water	6020B	569414
MB 410-569417/1-A	Method Blank	Total Recoverable	Water	6020B	569417
LCS 410-569414/2-A	Lab Control Sample	Total Recoverable	Water	6020B	569414
LCS 410-569417/2-A	Lab Control Sample	Total Recoverable	Water	6020B	569417

Prep Batch: 571453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-83	MW-08_20241028	Total/NA	Water	7470A	
MB 410-571453/1-A	Method Blank	Total/NA	Water	7470A	
LCS 410-571453/2-A	Lab Control Sample	Total/NA	Water	7470A	
410-192708-83 MS	MW-08_20241028	Total/NA	Water	7470A	
410-192708-83 MSD	MW-08_20241028	Total/NA	Water	7470A	
410-192708-83 DU	MW-08_20241028	Total/NA	Water	7470A	

Prep Batch: 571458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-82	MW-10_20241028	Total/NA	Water	7470A	
410-192708-84	MW-07_20241028	Total/NA	Water	7470A	
410-192708-85	MW-06_20241028	Total/NA	Water	7470A	
MB 410-571458/1-A	Method Blank	Total/NA	Water	7470A	
LCS 410-571458/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 571483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-66	SB-116_4-5	Total/NA	Solid	7471B	567722
410-192708-69	SB-118_0-1	Total/NA	Solid	7471B	567722
MB 410-567722/1-A	Method Blank	Total/NA	Solid	7471B	567722
LCS 410-567722/2-A	Lab Control Sample	Total/NA	Solid	7471B	567722

Metals (Continued)

Analysis Batch: 571483 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-69 MS	SB-118_0-1	Total/NA	Solid	7471B	567722
410-192708-69 MSD	SB-118_0-1	Total/NA	Solid	7471B	567722
410-192708-69 DU	SB-118_0-1	Total/NA	Solid	7471B	567722

Analysis Batch: 571677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-569431/1-A	Method Blank	Total Recoverable	Water	6020B	569431
LCS 410-569431/2-A	Lab Control Sample	Total Recoverable	Water	6020B	569431
LCSD 410-569431/3-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	569431

Prep Batch: 571734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94	SED-01_0-1_20241101	Total/NA	Solid	3050B	
410-192708-96	SED-03_0-1_20241101	Total/NA	Solid	3050B	
410-192708-97	FD-06_20241101	Total/NA	Solid	3050B	
MB 410-571734/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-571734/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	
410-192708-94 MS	SED-01_0-1_20241101	Total/NA	Solid	3050B	
410-192708-94 MSD	SED-01_0-1_20241101	Total/NA	Solid	3050B	
410-192708-94 DU	SED-01_0-1_20241101	Total/NA	Solid	3050B	

Prep Batch: 572148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94	SED-01_0-1_20241101	Total/NA	Solid	7471B	
MB 410-572148/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-572148/2-A	Lab Control Sample	Total/NA	Solid	7471B	
410-192708-94 MS	SED-01_0-1_20241101	Total/NA	Solid	7471B	
410-192708-94 MSD	SED-01_0-1_20241101	Total/NA	Solid	7471B	
410-192708-94 DU	SED-01_0-1_20241101	Total/NA	Solid	7471B	

Analysis Batch: 572196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-82	MW-10_20241028	Total/NA	Water	7470A	571458
410-192708-84	MW-07_20241028	Total/NA	Water	7470A	571458
410-192708-85	MW-06_20241028	Total/NA	Water	7470A	571458
MB 410-571458/1-A	Method Blank	Total/NA	Water	7470A	571458
LCS 410-571458/2-A	Lab Control Sample	Total/NA	Water	7470A	571458

Analysis Batch: 572425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-76	MW-15_20241024	Total/NA	Water	7470A	569501
MB 410-569501/1-A	Method Blank	Total/NA	Water	7470A	569501

Prep Batch: 572449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-90	MW-03_20241030	Total Recoverable	Water	3005A	
MB 410-572449/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-572449/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Metals

Prep Batch: 572450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-88	MW-13_20241030	Total Recoverable	Water	3005A	
410-192708-91	MW-11_20241030	Total Recoverable	Water	3005A	
MB 410-572450/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-572450/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 572452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-92	MW-12_20241030	Total Recoverable	Water	3005A	
410-192708-93	MW-04_20241031	Total Recoverable	Water	3005A	
410-192708-98	SW-01_20241101	Total Recoverable	Water	3005A	
410-192708-99	SW-02_20241101	Total Recoverable	Water	3005A	
410-192708-100	EB-02_20241101	Total Recoverable	Water	3005A	
410-192708-101	FB-06_20241101	Total Recoverable	Water	3005A	
MB 410-572452/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-572452/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 572665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-58	SB-108_16-18	Total/NA	Solid	6020B	568775
410-192708-58	SB-108_16-18	Total/NA	Solid	6020B	568775
MB 410-568775/1-A ^2	Method Blank	Total/NA	Solid	6020B	568775
LCS 410-568775/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	568775

Prep Batch: 572697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-102	SED-04_0-1_20241104	Total/NA	Solid	3050B	
410-192708-103	SED-05_0-1_20241104	Total/NA	Solid	3050B	
410-192708-104	SED-06_0-1_20241104	Total/NA	Solid	3050B	
MB 410-572697/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-572697/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 572804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-88	MW-13_20241030	Total/NA	Water	7470A	
410-192708-90	MW-03_20241030	Total/NA	Water	7470A	
410-192708-91	MW-11_20241030	Total/NA	Water	7470A	
410-192708-92	MW-12_20241030	Total/NA	Water	7470A	
410-192708-93	MW-04_20241031	Total/NA	Water	7470A	
410-192708-98	SW-01_20241101	Total/NA	Water	7470A	
410-192708-99	SW-02_20241101	Total/NA	Water	7470A	
410-192708-100	EB-02_20241101	Total/NA	Water	7470A	
410-192708-101	FB-06_20241101	Total/NA	Water	7470A	
MB 410-572804/1-A	Method Blank	Total/NA	Water	7470A	
LCS 410-572804/2-A	Lab Control Sample	Total/NA	Water	7470A	
410-192708-88 MS	MW-13_20241030	Total/NA	Water	7470A	
410-192708-88 MSD	MW-13_20241030	Total/NA	Water	7470A	
410-192708-88 DU	MW-13_20241030	Total/NA	Water	7470A	

Analysis Batch: 572902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94	SED-01_0-1_20241101	Total/NA	Solid	7471B	572148

Metals (Continued)

Analysis Batch: 572902 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-572148/1-A	Method Blank	Total/NA	Solid	7471B	572148
LCS 410-572148/2-A	Lab Control Sample	Total/NA	Solid	7471B	572148
410-192708-94 MS	SED-01_0-1_20241101	Total/NA	Solid	7471B	572148
410-192708-94 MSD	SED-01_0-1_20241101	Total/NA	Solid	7471B	572148
410-192708-94 DU	SED-01_0-1_20241101	Total/NA	Solid	7471B	572148

Prep Batch: 572918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-95	SED-02_0-1_20241101	Total/NA	Solid	7471B	
410-192708-96	SED-03_0-1_20241101	Total/NA	Solid	7471B	
410-192708-102	SED-04_0-1_20241104	Total/NA	Solid	7471B	
410-192708-103	SED-05_0-1_20241104	Total/NA	Solid	7471B	
410-192708-104	SED-06_0-1_20241104	Total/NA	Solid	7471B	
MB 410-572918/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-572918/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 572923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-97	FD-06_20241101	Total/NA	Solid	7471B	
MB 410-572923/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-572923/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 573020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	6020B	566581
410-192708-1	SB-105_4-5	Total/NA	Solid	6020B	566581
410-192708-2	SB-107_0-1	Total/NA	Solid	6020B	566581
410-192708-3	SB-107_4-5	Total/NA	Solid	6020B	566581
410-192708-4	SB-104_0-1	Total/NA	Solid	6020B	566581
410-192708-4	SB-104_0-1	Total/NA	Solid	6020B	566581
410-192708-5	SB-104_4-5	Total/NA	Solid	6020B	566581
410-192708-6	SB-106_0-1	Total/NA	Solid	6020B	566581
410-192708-6	SB-106_0-1	Total/NA	Solid	6020B	566581
410-192708-7	SB-106_4-5	Total/NA	Solid	6020B	566581
410-192708-7	SB-106_4-5	Total/NA	Solid	6020B	566581
410-192708-8	SB-103_0-1	Total/NA	Solid	6020B	566581
410-192708-8	SB-103_0-1	Total/NA	Solid	6020B	566581
410-192708-9	SB-103_4-5	Total/NA	Solid	6020B	566581
410-192708-9	SB-103_4-5	Total/NA	Solid	6020B	566581
410-192708-12	SB-102_0-1	Total/NA	Solid	6020B	566581
410-192708-13	SB-102_4-5	Total/NA	Solid	6020B	566581
410-192708-14	SB-100_0-1	Total/NA	Solid	6020B	566581
410-192708-15	SB-100_4-5	Total/NA	Solid	6020B	566581
410-192708-15	SB-100_4-5	Total/NA	Solid	6020B	566581
410-192708-16	SB-100_18-20	Total/NA	Solid	6020B	566581
410-192708-16	SB-100_18-20	Total/NA	Solid	6020B	566581
410-192708-17	SB-101_4-5	Total/NA	Solid	6020B	566581
MB 410-566581/1-A ^2	Method Blank	Total/NA	Solid	6020B	566581
LCS 410-566581/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	566581
410-192708-15 MS	SB-100_4-5 MS	Total/NA	Solid	6020B	566581
410-192708-15 MS	SB-100_4-5 MS	Total/NA	Solid	6020B	566581

Metals (Continued)

Analysis Batch: 573020 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-15 MSD	SB-100_4-5 MSD	Total/NA	Solid	6020B	566581
410-192708-15 MSD	SB-100_4-5 MSD	Total/NA	Solid	6020B	566581
410-192708-15 DU	SB-100_4-5	Total/NA	Solid	6020B	566581
410-192708-15 DU	SB-100_4-5	Total/NA	Solid	6020B	566581

Analysis Batch: 573133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-27	N-3N_0-1	Total/NA	Solid	6020B	569001
410-192708-27	N-3N_0-1	Total/NA	Solid	6020B	569001
410-192708-31	N-3S_1-2	Total/NA	Solid	6020B	569001
410-192708-31	N-3S_1-2	Total/NA	Solid	6020B	569001
410-192708-32	N-3S_2-3	Total/NA	Solid	6020B	569001
410-192708-32	N-3S_2-3	Total/NA	Solid	6020B	569001
410-192708-32	N-3S_2-3	Total/NA	Solid	6020B	569001
410-192708-33	N-3W_0-1	Total/NA	Solid	6020B	569001
410-192708-33	N-3W_0-1	Total/NA	Solid	6020B	569001
410-192708-34	N-3W_1-2	Total/NA	Solid	6020B	569001
410-192708-34	N-3W_1-2	Total/NA	Solid	6020B	569001
410-192708-34	N-3W_1-2	Total/NA	Solid	6020B	569001
410-192708-35	N-3W_2-3	Total/NA	Solid	6020B	569001
410-192708-35	N-3W_2-3	Total/NA	Solid	6020B	569001
410-192708-36	N-3E_0-1	Total/NA	Solid	6020B	569001
410-192708-36	N-3E_0-1	Total/NA	Solid	6020B	569001
410-192708-37	N-3E_1-2	Total/NA	Solid	6020B	569001
410-192708-37	N-3E_1-2	Total/NA	Solid	6020B	569001
410-192708-37	N-3E_1-2	Total/NA	Solid	6020B	569001
410-192708-39	C-2N_0-1	Total/NA	Solid	6020B	569001
410-192708-40	C-2N_1-2	Total/NA	Solid	6020B	569001
410-192708-40	C-2N_1-2	Total/NA	Solid	6020B	569001
410-192708-42	C-2S_0-1	Total/NA	Solid	6020B	569001
410-192708-43	C-2S_1-2	Total/NA	Solid	6020B	569001
410-192708-45	C-2E_0-1	Total/NA	Solid	6020B	569001
410-192708-45	C-2E_0-1	Total/NA	Solid	6020B	569001
410-192708-48	C-2W_0-1	Total/NA	Solid	6020B	569001
410-192708-48	C-2W_0-1	Total/NA	Solid	6020B	569001
410-192708-50	C-2W_2-3	Total/NA	Solid	6020B	569001
410-192708-50	C-2W_2-3	Total/NA	Solid	6020B	569001
MB 410-569001/1-A ^2	Method Blank	Total/NA	Solid	6020B	569001
LCS 410-569001/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	569001
410-192708-42 MS	C-2S_0-1	Total/NA	Solid	6020B	569001
410-192708-42 MSD	C-2S_0-1	Total/NA	Solid	6020B	569001
410-192708-42 DU	C-2S_0-1	Total/NA	Solid	6020B	569001

Analysis Batch: 573173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-77	FB-05_20241024	Total/NA	Water	7470A	569503
410-192708-79	EB-01_20241024	Total/NA	Water	7470A	569503
410-192708-80	MW-14_20241025	Total/NA	Water	7470A	569503
410-192708-81	FD-05_20241025	Total/NA	Water	7470A	569503
MB 410-569503/1-A	Method Blank	Total/NA	Water	7470A	569503
LCS 410-569503/2-A	Lab Control Sample	Total/NA	Water	7470A	569503

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Metals

Analysis Batch: 573226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-27	N-3N_0-1	Total/NA	Solid	7471B	569294
410-192708-28	N-3N_1-2	Total/NA	Solid	7471B	569294
410-192708-29	N-3N_2-3	Total/NA	Solid	7471B	569294
410-192708-31	N-3S_1-2	Total/NA	Solid	7471B	569294
410-192708-32	N-3S_2-3	Total/NA	Solid	7471B	569294
410-192708-33	N-3W_0-1	Total/NA	Solid	7471B	569294
410-192708-34	N-3W_1-2	Total/NA	Solid	7471B	569294
410-192708-38	N-3E_2-3	Total/NA	Solid	7471B	569294
410-192708-39	C-2N_0-1	Total/NA	Solid	7471B	569294
410-192708-40	C-2N_1-2	Total/NA	Solid	7471B	569294
410-192708-41	C-2N_2-3	Total/NA	Solid	7471B	569294
410-192708-42	C-2S_0-1	Total/NA	Solid	7471B	569294
410-192708-43	C-2S_1-2	Total/NA	Solid	7471B	569294
410-192708-44	C-2S_2-3	Total/NA	Solid	7471B	569294
410-192708-45	C-2E_0-1	Total/NA	Solid	7471B	569294
410-192708-46	C-2E_1-2	Total/NA	Solid	7471B	569294
410-192708-47	C-2E_2-3	Total/NA	Solid	7471B	569294
410-192708-48	C-2W_0-1	Total/NA	Solid	7471B	569294
410-192708-49	C-2W_1-2	Total/NA	Solid	7471B	569294
410-192708-50	C-2W_2-3	Total/NA	Solid	7471B	569294
MB 410-569294/1-A	Method Blank	Total/NA	Solid	7471B	569294
LCS 410-569294/2-A	Lab Control Sample	Total/NA	Solid	7471B	569294
410-192708-41 MS	C-2N_2-3	Total/NA	Solid	7471B	569294
410-192708-41 MSD	C-2N_2-3	Total/NA	Solid	7471B	569294
410-192708-41 DU	C-2N_2-3	Total/NA	Solid	7471B	569294

Prep Batch: 573314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-105	SW-04_20241104	Total Recoverable	Water	3005A	
410-192708-106	SW-05_20241104	Total Recoverable	Water	3005A	
410-192708-107	SW-06_20241104	Total Recoverable	Water	3005A	
410-192708-108	MW-05_20241104	Total Recoverable	Water	3005A	
MB 410-573314/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-573314/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 573416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-82	MW-10_20241028	Total Recoverable	Water	6020B	570686
410-192708-83	MW-08_20241028	Total Recoverable	Water	6020B	570686
410-192708-84	MW-07_20241028	Total Recoverable	Water	6020B	570686
410-192708-85	MW-06_20241028	Total Recoverable	Water	6020B	570686
MB 410-570686/1-A	Method Blank	Total Recoverable	Water	6020B	570686
LCS 410-570686/2-A	Lab Control Sample	Total Recoverable	Water	6020B	570686
410-192708-83 MS	MW-08_20241028	Total Recoverable	Water	6020B	570686
410-192708-83 MSD	MW-08_20241028	Total Recoverable	Water	6020B	570686
410-192708-83 DU	MW-08_20241028	Total Recoverable	Water	6020B	570686

Analysis Batch: 573643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-83	MW-08_20241028	Total/NA	Water	7470A	571453
MB 410-571453/1-A	Method Blank	Total/NA	Water	7470A	571453

Metals (Continued)

Analysis Batch: 573643 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-571453/2-A	Lab Control Sample	Total/NA	Water	7470A	571453
410-192708-83 MS	MW-08_20241028	Total/NA	Water	7470A	571453
410-192708-83 MSD	MW-08_20241028	Total/NA	Water	7470A	571453
410-192708-83 DU	MW-08_20241028	Total/NA	Water	7470A	571453

Prep Batch: 573939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-105	SW-04_20241104	Total/NA	Water	7470A	
410-192708-106	SW-05_20241104	Total/NA	Water	7470A	
410-192708-107	SW-06_20241104	Total/NA	Water	7470A	
410-192708-108	MW-05_20241104	Total/NA	Water	7470A	
MB 410-573939/1-A	Method Blank	Total/NA	Water	7470A	
LCS 410-573939/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 574185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94	SED-01_0-1_20241101	Total/NA	Solid	6020B	571734
410-192708-94	SED-01_0-1_20241101	Total/NA	Solid	6020B	571734
410-192708-96	SED-03_0-1_20241101	Total/NA	Solid	6020B	571734
410-192708-97	FD-06_20241101	Total/NA	Solid	6020B	571734
MB 410-571734/1-A ^2	Method Blank	Total/NA	Solid	6020B	571734
LCS 410-571734/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	571734
410-192708-94 MS	SED-01_0-1_20241101	Total/NA	Solid	6020B	571734
410-192708-94 MS	SED-01_0-1_20241101	Total/NA	Solid	6020B	571734
410-192708-94 MSD	SED-01_0-1_20241101	Total/NA	Solid	6020B	571734
410-192708-94 MSD	SED-01_0-1_20241101	Total/NA	Solid	6020B	571734
410-192708-94 DU	SED-01_0-1_20241101	Total/NA	Solid	6020B	571734
410-192708-94 DU	SED-01_0-1_20241101	Total/NA	Solid	6020B	571734

Analysis Batch: 574902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-105	SW-04_20241104	Total Recoverable	Water	6020B	573314
410-192708-106	SW-05_20241104	Total Recoverable	Water	6020B	573314
410-192708-107	SW-06_20241104	Total Recoverable	Water	6020B	573314
410-192708-108	MW-05_20241104	Total Recoverable	Water	6020B	573314
MB 410-573314/1-A	Method Blank	Total Recoverable	Water	6020B	573314
LCS 410-573314/2-A	Lab Control Sample	Total Recoverable	Water	6020B	573314

Analysis Batch: 575021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-95	SED-02_0-1_20241101	Total/NA	Solid	7471B	572918
410-192708-96	SED-03_0-1_20241101	Total/NA	Solid	7471B	572918
410-192708-102	SED-04_0-1_20241104	Total/NA	Solid	7471B	572918
410-192708-103	SED-05_0-1_20241104	Total/NA	Solid	7471B	572918
410-192708-104	SED-06_0-1_20241104	Total/NA	Solid	7471B	572918
MB 410-572918/1-A	Method Blank	Total/NA	Solid	7471B	572918
LCS 410-572918/2-A	Lab Control Sample	Total/NA	Solid	7471B	572918

Analysis Batch: 575196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-88	MW-13_20241030	Total/NA	Water	7470A	572804

Metals (Continued)

Analysis Batch: 575196 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-90	MW-03_20241030	Total/NA	Water	7470A	572804
410-192708-91	MW-11_20241030	Total/NA	Water	7470A	572804
410-192708-92	MW-12_20241030	Total/NA	Water	7470A	572804
410-192708-93	MW-04_20241031	Total/NA	Water	7470A	572804
410-192708-98	SW-01_20241101	Total/NA	Water	7470A	572804
410-192708-99	SW-02_20241101	Total/NA	Water	7470A	572804
410-192708-100	EB-02_20241101	Total/NA	Water	7470A	572804
410-192708-101	FB-06_20241101	Total/NA	Water	7470A	572804
MB 410-572804/1-A	Method Blank	Total/NA	Water	7470A	572804
LCS 410-572804/2-A	Lab Control Sample	Total/NA	Water	7470A	572804
410-192708-88 MS	MW-13_20241030	Total/NA	Water	7470A	572804
410-192708-88 MSD	MW-13_20241030	Total/NA	Water	7470A	572804
410-192708-88 DU	MW-13_20241030	Total/NA	Water	7470A	572804

Analysis Batch: 575280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-105	SW-04_20241104	Total/NA	Water	7470A	573939
410-192708-106	SW-05_20241104	Total/NA	Water	7470A	573939
410-192708-107	SW-06_20241104	Total/NA	Water	7470A	573939
410-192708-108	MW-05_20241104	Total/NA	Water	7470A	573939
MB 410-573939/1-A	Method Blank	Total/NA	Water	7470A	573939
LCS 410-573939/2-A	Lab Control Sample	Total/NA	Water	7470A	573939

Analysis Batch: 575396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-88	MW-13_20241030	Total Recoverable	Water	6020B	572450
410-192708-90	MW-03_20241030	Total Recoverable	Water	6020B	572449
410-192708-91	MW-11_20241030	Total Recoverable	Water	6020B	572450
MB 410-572449/1-A	Method Blank	Total Recoverable	Water	6020B	572449
MB 410-572450/1-A	Method Blank	Total Recoverable	Water	6020B	572450
MB 410-573314/1-A	Method Blank	Total Recoverable	Water	6020B	573314
LCS 410-572449/2-A	Lab Control Sample	Total Recoverable	Water	6020B	572449
LCS 410-572450/2-A	Lab Control Sample	Total Recoverable	Water	6020B	572450

Analysis Batch: 575609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-97	FD-06_20241101	Total/NA	Solid	7471B	572923
MB 410-572923/1-A	Method Blank	Total/NA	Solid	7471B	572923
LCS 410-572923/2-A	Lab Control Sample	Total/NA	Solid	7471B	572923

Analysis Batch: 575733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-102	SED-04_0-1_20241104	Total/NA	Solid	6020B	572697
410-192708-103	SED-05_0-1_20241104	Total/NA	Solid	6020B	572697
410-192708-104	SED-06_0-1_20241104	Total/NA	Solid	6020B	572697
MB 410-572697/1-A ^2	Method Blank	Total/NA	Solid	6020B	572697
LCS 410-572697/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	572697

Analysis Batch: 575740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-92	MW-12_20241030	Total Recoverable	Water	6020B	572452

Metals (Continued)

Analysis Batch: 575740 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-93	MW-04_20241031	Total Recoverable	Water	6020B	572452
410-192708-98	SW-01_20241101	Total Recoverable	Water	6020B	572452
410-192708-99	SW-02_20241101	Total Recoverable	Water	6020B	572452
410-192708-100	EB-02_20241101	Total Recoverable	Water	6020B	572452
410-192708-101	FB-06_20241101	Total Recoverable	Water	6020B	572452
MB 410-572452/1-A	Method Blank	Total Recoverable	Water	6020B	572452
LCS 410-572452/2-A	Lab Control Sample	Total Recoverable	Water	6020B	572452

Prep Batch: 575814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-10	FD-01_20241014	Total/NA	Solid	3050B	
410-192708-30	N-3S_0-1	Total/NA	Solid	3050B	
MB 410-575814/1-A ^2	Method Blank	Total/NA	Solid	3050B	
LCS 410-575814/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 575852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-10	FD-01_20241014	Total/NA	Solid	7471B	
410-192708-30	N-3S_0-1	Total/NA	Solid	7471B	
MB 410-575852/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-575852/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 576325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-2	SB-107_0-1	Total/NA	Solid	6020B	566581
410-192708-3	SB-107_4-5	Total/NA	Solid	6020B	566581
410-192708-4	SB-104_0-1	Total/NA	Solid	6020B	566581
410-192708-6	SB-106_0-1	Total/NA	Solid	6020B	566581
410-192708-8	SB-103_0-1	Total/NA	Solid	6020B	566581
410-192708-9	SB-103_4-5	Total/NA	Solid	6020B	566581
410-192708-15	SB-100_4-5	Total/NA	Solid	6020B	566581
410-192708-16	SB-100_18-20	Total/NA	Solid	6020B	566581
410-192708-17	SB-101_4-5	Total/NA	Solid	6020B	566581
410-192708-102	SED-04_0-1_20241104	Total/NA	Solid	6020B	572697
410-192708-103	SED-05_0-1_20241104	Total/NA	Solid	6020B	572697
410-192708-104	SED-06_0-1_20241104	Total/NA	Solid	6020B	572697
MB 410-572697/1-A ^2	Method Blank	Total/NA	Solid	6020B	572697
LCS 410-572697/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	572697
410-192708-15 MS	SB-100_4-5 MS	Total/NA	Solid	6020B	566581
410-192708-15 MSD	SB-100_4-5 MSD	Total/NA	Solid	6020B	566581
410-192708-15 DU	SB-100_4-5	Total/NA	Solid	6020B	566581

Analysis Batch: 576344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-90	MW-03_20241030	Total Recoverable	Water	6020B	572449
410-192708-90	MW-03_20241030	Total Recoverable	Water	6020B	572449

Prep Batch: 576498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-95	SED-02_0-1_20241101	Total/NA	Solid	3050B	
MB 410-576498/1-A ^2	Method Blank	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 576498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-576498/2-A ^2	Lab Control Sample	Total/NA	Solid	3050B	
410-192708-95 MS	SED-02_0-1_20241101	Total/NA	Solid	3050B	
410-192708-95 MSD	SED-02_0-1_20241101	Total/NA	Solid	3050B	
410-192708-95 DU	SED-02_0-1_20241101	Total/NA	Solid	3050B	

Analysis Batch: 576898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-10	FD-01_20241014	Total/NA	Solid	7471B	575852
410-192708-30	N-3S_0-1	Total/NA	Solid	7471B	575852
MB 410-575852/1-A	Method Blank	Total/NA	Solid	7471B	575852
LCS 410-575852/2-A	Lab Control Sample	Total/NA	Solid	7471B	575852

Analysis Batch: 577105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-95	SED-02_0-1_20241101	Total/NA	Solid	6020B	576498
MB 410-576498/1-A ^2	Method Blank	Total/NA	Solid	6020B	576498
LCS 410-576498/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	576498
410-192708-95 MS	SED-02_0-1_20241101	Total/NA	Solid	6020B	576498
410-192708-95 MSD	SED-02_0-1_20241101	Total/NA	Solid	6020B	576498
410-192708-95 DU	SED-02_0-1_20241101	Total/NA	Solid	6020B	576498

Analysis Batch: 577644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-95	SED-02_0-1_20241101	Total/NA	Solid	6020B	576498
MB 410-576498/1-A ^2	Method Blank	Total/NA	Solid	6020B	576498
LCS 410-576498/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	576498
410-192708-95 MS	SED-02_0-1_20241101	Total/NA	Solid	6020B	576498
410-192708-95 MSD	SED-02_0-1_20241101	Total/NA	Solid	6020B	576498
410-192708-95 DU	SED-02_0-1_20241101	Total/NA	Solid	6020B	576498

Analysis Batch: 578048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-105	SW-04_20241104	Total Recoverable	Water	6020B	573314
410-192708-106	SW-05_20241104	Total Recoverable	Water	6020B	573314
410-192708-107	SW-06_20241104	Total Recoverable	Water	6020B	573314
410-192708-108	MW-05_20241104	Total Recoverable	Water	6020B	573314

Analysis Batch: 578220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-82	MW-10_20241028	Total Recoverable	Water	6020B	570686
410-192708-82	MW-10_20241028	Total Recoverable	Water	6020B	570686
410-192708-83	MW-08_20241028	Total Recoverable	Water	6020B	570686
410-192708-84	MW-07_20241028	Total Recoverable	Water	6020B	570686
410-192708-85	MW-06_20241028	Total Recoverable	Water	6020B	570686
410-192708-85	MW-06_20241028	Total Recoverable	Water	6020B	570686
MB 410-570686/1-A	Method Blank	Total Recoverable	Water	6020B	570686
LCS 410-570686/2-A	Lab Control Sample	Total Recoverable	Water	6020B	570686
410-192708-83 MS	MW-08_20241028	Total Recoverable	Water	6020B	570686
410-192708-83 MSD	MW-08_20241028	Total Recoverable	Water	6020B	570686
410-192708-83 DU	MW-08_20241028	Total Recoverable	Water	6020B	570686

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Metals

Analysis Batch: 578514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-10	FD-01_20241014	Total/NA	Solid	6020B	575814
410-192708-30	N-3S_0-1	Total/NA	Solid	6020B	575814
MB 410-575814/1-A ^2	Method Blank	Total/NA	Solid	6020B	575814
LCS 410-575814/2-A ^2	Lab Control Sample	Total/NA	Solid	6020B	575814

Analysis Batch: 578748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-5	SB-104_4-5	Total/NA	Solid	6020B	566581

Analysis Batch: 578861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-92	MW-12_20241030	Total Recoverable	Water	6020B	572452
410-192708-93	MW-04_20241031	Total Recoverable	Water	6020B	572452
410-192708-98	SW-01_20241101	Total Recoverable	Water	6020B	572452
410-192708-99	SW-02_20241101	Total Recoverable	Water	6020B	572452
410-192708-100	EB-02_20241101	Total Recoverable	Water	6020B	572452
410-192708-101	FB-06_20241101	Total Recoverable	Water	6020B	572452
MB 410-572452/1-A	Method Blank	Total Recoverable	Water	6020B	572452
LCS 410-572452/2-A	Lab Control Sample	Total Recoverable	Water	6020B	572452

Analysis Batch: 580589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-88	MW-13_20241030	Total Recoverable	Water	6020B	572450
410-192708-91	MW-11_20241030	Total Recoverable	Water	6020B	572450

General Chemistry

Analysis Batch: 565249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	Moisture	
410-192708-2	SB-107_0-1	Total/NA	Solid	Moisture	
410-192708-3	SB-107_4-5	Total/NA	Solid	Moisture	
410-192708-4	SB-104_0-1	Total/NA	Solid	Moisture	
410-192708-5	SB-104_4-5	Total/NA	Solid	Moisture	
410-192708-7	SB-106_4-5	Total/NA	Solid	Moisture	
410-192708-8	SB-103_0-1	Total/NA	Solid	Moisture	
410-192708-9	SB-103_4-5	Total/NA	Solid	Moisture	
410-192708-10	FD-01_20241014	Total/NA	Solid	Moisture	
410-192708-12	SB-102_0-1	Total/NA	Solid	Moisture	
410-192708-13	SB-102_4-5	Total/NA	Solid	Moisture	
410-192708-14	SB-100_0-1	Total/NA	Solid	Moisture	
410-192708-15	SB-100_4-5	Total/NA	Solid	Moisture	
410-192708-16	SB-100_18-20	Total/NA	Solid	Moisture	
410-192708-17	SB-101_4-5	Total/NA	Solid	Moisture	
410-192708-19	SB-113_4-5	Total/NA	Solid	Moisture	

Analysis Batch: 565254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-20	SB-114_10-12	Total/NA	Solid	Moisture	
410-192708-21	FD-02_20241015	Total/NA	Solid	Moisture	

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

General Chemistry

Analysis Batch: 566656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-66	SB-116_4-5	Total/NA	Solid	Moisture	
410-192708-69	SB-118_0-1	Total/NA	Solid	Moisture	

Analysis Batch: 566903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-6	SB-106_0-1	Total/NA	Solid	Moisture	
410-192708-18	SB-113_0-1	Total/NA	Solid	Moisture	

Analysis Batch: 567419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-24	SB-115_4-5	Total/NA	Solid	Moisture	
410-192708-25	SB-115_21-23	Total/NA	Solid	Moisture	
410-192708-26	SB-115_29-30	Total/NA	Solid	Moisture	
410-192708-29	N-3N_2-3	Total/NA	Solid	Moisture	
410-192708-31	N-3S_1-2	Total/NA	Solid	Moisture	
410-192708-32	N-3S_2-3	Total/NA	Solid	Moisture	
410-192708-33	N-3W_0-1	Total/NA	Solid	Moisture	
410-192708-34	N-3W_1-2	Total/NA	Solid	Moisture	
410-192708-35	N-3W_2-3	Total/NA	Solid	Moisture	
410-192708-36	N-3E_0-1	Total/NA	Solid	Moisture	
410-192708-37	N-3E_1-2	Total/NA	Solid	Moisture	
410-192708-38	N-3E_2-3	Total/NA	Solid	Moisture	
410-192708-41	C-2N_2-3	Total/NA	Solid	Moisture	
410-192708-42	C-2S_0-1	Total/NA	Solid	Moisture	
410-192708-43	C-2S_1-2	Total/NA	Solid	Moisture	
410-192708-45	C-2E_0-1	Total/NA	Solid	Moisture	
410-192708-46	C-2E_1-2	Total/NA	Solid	Moisture	
410-192708-47	C-2E_2-3	Total/NA	Solid	Moisture	
410-192708-48	C-2W_0-1	Total/NA	Solid	Moisture	
410-192708-49	C-2W_1-2	Total/NA	Solid	Moisture	
410-192708-50	C-2W_2-3	Total/NA	Solid	Moisture	
410-192708-51	SB-110_0-1	Total/NA	Solid	Moisture	
410-192708-52	SB-110_4-5	Total/NA	Solid	Moisture	
410-192708-54	SB-109_0-1	Total/NA	Solid	Moisture	
410-192708-55	SB-109_4-5	Total/NA	Solid	Moisture	

Analysis Batch: 567467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-27	N-3N_0-1	Total/NA	Solid	Moisture	
410-192708-28	N-3N_1-2	Total/NA	Solid	Moisture	
410-192708-39	C-2N_0-1	Total/NA	Solid	Moisture	
410-192708-40	C-2N_1-2	Total/NA	Solid	Moisture	
410-192708-44	C-2S_2-3	Total/NA	Solid	Moisture	

Prep Batch: 567492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	9012B	
410-192708-2	SB-107_0-1	Total/NA	Solid	9012B	
410-192708-3	SB-107_4-5	Total/NA	Solid	9012B	
410-192708-4	SB-104_0-1	Total/NA	Solid	9012B	
MB 410-567492/2-A	Method Blank	Total/NA	Solid	9012B	

General Chemistry (Continued)

Prep Batch: 567492 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-567492/1-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 567743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-30	N-3S_0-1	Total/NA	Solid	Moisture	

Analysis Batch: 567861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-56	SB-108_0-1	Total/NA	Solid	Moisture	
410-192708-57	SB-108_4-5	Total/NA	Solid	Moisture	
410-192708-58	SB-108_16-18	Total/NA	Solid	Moisture	
410-192708-59	SB-111_0-1	Total/NA	Solid	Moisture	
410-192708-60	SB-111_4-5	Total/NA	Solid	Moisture	
410-192708-62	FD-03_20241017	Total/NA	Solid	Moisture	
410-192708-63	SB-112_0-1	Total/NA	Solid	Moisture	
410-192708-64	SB-112_4-5	Total/NA	Solid	Moisture	
410-192708-65	SB-116_0-1	Total/NA	Solid	Moisture	
410-192708-67	SB-117_0-1	Total/NA	Solid	Moisture	
410-192708-68	SB-117_4-5	Total/NA	Solid	Moisture	
410-192708-70	SB-118_4-5	Total/NA	Solid	Moisture	
410-192708-71	SB-119_0-1	Total/NA	Solid	Moisture	
410-192708-72	SB-119_4-5	Total/NA	Solid	Moisture	
410-192708-73	FD-04_20241018	Total/NA	Solid	Moisture	

Analysis Batch: 567922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	9012B	567492
410-192708-2	SB-107_0-1	Total/NA	Solid	9012B	567492
410-192708-3	SB-107_4-5	Total/NA	Solid	9012B	567492
410-192708-4	SB-104_0-1	Total/NA	Solid	9012B	567492
MB 410-567492/2-A	Method Blank	Total/NA	Solid	9012B	567492
LCS 410-567492/1-A	Lab Control Sample	Total/NA	Solid	9012B	567492

Prep Batch: 568032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-5	SB-104_4-5	Total/NA	Solid	9012B	
410-192708-6	SB-106_0-1	Total/NA	Solid	9012B	
410-192708-7	SB-106_4-5	Total/NA	Solid	9012B	
410-192708-8	SB-103_0-1	Total/NA	Solid	9012B	
410-192708-9	SB-103_4-5	Total/NA	Solid	9012B	
410-192708-10	FD-01_20241014	Total/NA	Solid	9012B	
410-192708-12	SB-102_0-1	Total/NA	Solid	9012B	
410-192708-13	SB-102_4-5	Total/NA	Solid	9012B	
410-192708-14	SB-100_0-1	Total/NA	Solid	9012B	
410-192708-15	SB-100_4-5	Total/NA	Solid	9012B	
410-192708-16	SB-100_18-20	Total/NA	Solid	9012B	
410-192708-17	SB-101_4-5	Total/NA	Solid	9012B	
MB 410-568032/2-A	Method Blank	Total/NA	Solid	9012B	
LCS 410-568032/1-A	Lab Control Sample	Total/NA	Solid	9012B	
410-192708-5 MS	SB-104_4-5	Total/NA	Solid	9012B	
410-192708-5 MSD	SB-104_4-5	Total/NA	Solid	9012B	

General Chemistry (Continued)

Prep Batch: 568032 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-15 MS	SB-100_4-5 MS	Total/NA	Solid	9012B	
410-192708-15 MSD	SB-100_4-5 MSD	Total/NA	Solid	9012B	

Prep Batch: 568144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	9012B	
MB 410-568144/2-A	Method Blank	Total/NA	Water	9012B	
LCS 410-568144/1-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 568448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-5	SB-104_4-5	Total/NA	Solid	9012B	568032
410-192708-6	SB-106_0-1	Total/NA	Solid	9012B	568032
410-192708-7	SB-106_4-5	Total/NA	Solid	9012B	568032
410-192708-8	SB-103_0-1	Total/NA	Solid	9012B	568032
410-192708-9	SB-103_4-5	Total/NA	Solid	9012B	568032
410-192708-10	FD-01_20241014	Total/NA	Solid	9012B	568032
410-192708-12	SB-102_0-1	Total/NA	Solid	9012B	568032
410-192708-13	SB-102_4-5	Total/NA	Solid	9012B	568032
410-192708-14	SB-100_0-1	Total/NA	Solid	9012B	568032
410-192708-15	SB-100_4-5	Total/NA	Solid	9012B	568032
410-192708-16	SB-100_18-20	Total/NA	Solid	9012B	568032
410-192708-17	SB-101_4-5	Total/NA	Solid	9012B	568032
MB 410-568032/2-A	Method Blank	Total/NA	Solid	9012B	568032
LCS 410-568032/1-A	Lab Control Sample	Total/NA	Solid	9012B	568032
410-192708-5 MS	SB-104_4-5	Total/NA	Solid	9012B	568032
410-192708-5 MSD	SB-104_4-5	Total/NA	Solid	9012B	568032
410-192708-15 MS	SB-100_4-5 MS	Total/NA	Solid	9012B	568032
410-192708-15 MSD	SB-100_4-5 MSD	Total/NA	Solid	9012B	568032

Analysis Batch: 568957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-23	FB-01_20241015	Total/NA	Water	9012B	568144
MB 410-568144/2-A	Method Blank	Total/NA	Water	9012B	568144
LCS 410-568144/1-A	Lab Control Sample	Total/NA	Water	9012B	568144

Prep Batch: 569036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-61	FB-02_20241017	Total/NA	Water	9012B	
MB 410-569036/2-A	Method Blank	Total/NA	Water	9012B	
LCS 410-569036/1-A	Lab Control Sample	Total/NA	Water	9012B	

Prep Batch: 569078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-24	SB-115_4-5	Total/NA	Solid	9012B	
410-192708-25	SB-115_21-23	Total/NA	Solid	9012B	
410-192708-26	SB-115_29-30	Total/NA	Solid	9012B	
410-192708-27	N-3N_0-1	Total/NA	Solid	9012B	
410-192708-28	N-3N_1-2	Total/NA	Solid	9012B	
410-192708-29	N-3N_2-3	Total/NA	Solid	9012B	
410-192708-30	N-3S_0-1	Total/NA	Solid	9012B	

General Chemistry (Continued)

Prep Batch: 569078 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-31	N-3S_1-2	Total/NA	Solid	9012B	
410-192708-32	N-3S_2-3	Total/NA	Solid	9012B	
410-192708-33	N-3W_0-1	Total/NA	Solid	9012B	
410-192708-34	N-3W_1-2	Total/NA	Solid	9012B	
410-192708-35	N-3W_2-3	Total/NA	Solid	9012B	
410-192708-36	N-3E_0-1	Total/NA	Solid	9012B	
410-192708-37	N-3E_1-2	Total/NA	Solid	9012B	
410-192708-38	N-3E_2-3	Total/NA	Solid	9012B	
410-192708-39	C-2N_0-1	Total/NA	Solid	9012B	
410-192708-40	C-2N_1-2	Total/NA	Solid	9012B	
410-192708-41	C-2N_2-3	Total/NA	Solid	9012B	
410-192708-45	C-2E_0-1	Total/NA	Solid	9012B	
410-192708-46	C-2E_1-2	Total/NA	Solid	9012B	
MB 410-569078/2-A	Method Blank	Total/NA	Solid	9012B	
LCS 410-569078/1-A	Lab Control Sample	Total/NA	Solid	9012B	
410-192708-24 MS	SB-115_4-5	Total/NA	Solid	9012B	
410-192708-24 MSD	SB-115_4-5	Total/NA	Solid	9012B	
410-192708-34 MS	N-3W_1-2	Total/NA	Solid	9012B	
410-192708-34 MSD	N-3W_1-2	Total/NA	Solid	9012B	

Prep Batch: 569167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-47	C-2E_2-3	Total/NA	Solid	9012B	
MB 410-569167/2-A	Method Blank	Total/NA	Solid	9012B	
LCS 410-569167/1-A	Lab Control Sample	Total/NA	Solid	9012B	
410-192708-47 MS	C-2E_2-3	Total/NA	Solid	9012B	
410-192708-47 MSD	C-2E_2-3	Total/NA	Solid	9012B	

Prep Batch: 569508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-74	FB-04_20241018	Total/NA	Water	9012B	
MB 410-569508/2-A	Method Blank	Total/NA	Water	9012B	
LCS 410-569508/1-A	Lab Control Sample	Total/NA	Water	9012B	

Prep Batch: 569618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-42	C-2S_0-1	Total/NA	Solid	9012B	
410-192708-43	C-2S_1-2	Total/NA	Solid	9012B	
410-192708-44	C-2S_2-3	Total/NA	Solid	9012B	
410-192708-48	C-2W_0-1	Total/NA	Solid	9012B	
410-192708-49	C-2W_1-2	Total/NA	Solid	9012B	
410-192708-50	C-2W_2-3	Total/NA	Solid	9012B	
410-192708-51	SB-110_0-1	Total/NA	Solid	9012B	
410-192708-60	SB-111_4-5	Total/NA	Solid	9012B	
MB 410-569618/2-A	Method Blank	Total/NA	Solid	9012B	
LCS 410-569618/1-A	Lab Control Sample	Total/NA	Solid	9012B	
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	9012B	
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	9012B	

General Chemistry

Prep Batch: 569664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-52	SB-110_4-5	Total/NA	Solid	9012B	
410-192708-54	SB-109_0-1	Total/NA	Solid	9012B	
410-192708-55	SB-109_4-5	Total/NA	Solid	9012B	
410-192708-56	SB-108_0-1	Total/NA	Solid	9012B	
410-192708-57	SB-108_4-5	Total/NA	Solid	9012B	
410-192708-58	SB-108_16-18	Total/NA	Solid	9012B	
410-192708-59	SB-111_0-1	Total/NA	Solid	9012B	
410-192708-62	FD-03_20241017	Total/NA	Solid	9012B	
410-192708-63	SB-112_0-1	Total/NA	Solid	9012B	
410-192708-64	SB-112_4-5	Total/NA	Solid	9012B	
410-192708-65	SB-116_0-1	Total/NA	Solid	9012B	
410-192708-66	SB-116_4-5	Total/NA	Solid	9012B	
410-192708-67	SB-117_0-1	Total/NA	Solid	9012B	
410-192708-68	SB-117_4-5	Total/NA	Solid	9012B	
410-192708-69	SB-118_0-1	Total/NA	Solid	9012B	
410-192708-70	SB-118_4-5	Total/NA	Solid	9012B	
410-192708-71	SB-119_0-1	Total/NA	Solid	9012B	
410-192708-72	SB-119_4-5	Total/NA	Solid	9012B	
410-192708-73	FD-04_20241018	Total/NA	Solid	9012B	
MB 410-569664/2-A	Method Blank	Total/NA	Solid	9012B	
LCS 410-569664/1-A	Lab Control Sample	Total/NA	Solid	9012B	
410-192708-64 MS	SB-112_4-5	Total/NA	Solid	9012B	
410-192708-64 MSD	SB-112_4-5	Total/NA	Solid	9012B	
410-192708-69 MS	SB-118_0-1	Total/NA	Solid	9012B	
410-192708-69 MSD	SB-118_0-1	Total/NA	Solid	9012B	

Analysis Batch: 569682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-24	SB-115_4-5	Total/NA	Solid	9012B	569078
410-192708-25	SB-115_21-23	Total/NA	Solid	9012B	569078
410-192708-26	SB-115_29-30	Total/NA	Solid	9012B	569078
410-192708-27	N-3N_0-1	Total/NA	Solid	9012B	569078
410-192708-28	N-3N_1-2	Total/NA	Solid	9012B	569078
410-192708-29	N-3N_2-3	Total/NA	Solid	9012B	569078
410-192708-30	N-3S_0-1	Total/NA	Solid	9012B	569078
410-192708-31	N-3S_1-2	Total/NA	Solid	9012B	569078
410-192708-32	N-3S_2-3	Total/NA	Solid	9012B	569078
410-192708-33	N-3W_0-1	Total/NA	Solid	9012B	569078
410-192708-34	N-3W_1-2	Total/NA	Solid	9012B	569078
410-192708-35	N-3W_2-3	Total/NA	Solid	9012B	569078
410-192708-36	N-3E_0-1	Total/NA	Solid	9012B	569078
410-192708-37	N-3E_1-2	Total/NA	Solid	9012B	569078
410-192708-38	N-3E_2-3	Total/NA	Solid	9012B	569078
410-192708-39	C-2N_0-1	Total/NA	Solid	9012B	569078
410-192708-40	C-2N_1-2	Total/NA	Solid	9012B	569078
410-192708-41	C-2N_2-3	Total/NA	Solid	9012B	569078
410-192708-45	C-2E_0-1	Total/NA	Solid	9012B	569078
410-192708-46	C-2E_1-2	Total/NA	Solid	9012B	569078
410-192708-61	FB-02_20241017	Total/NA	Water	9012B	569036
MB 410-569036/2-A	Method Blank	Total/NA	Water	9012B	569036
MB 410-569078/2-A	Method Blank	Total/NA	Solid	9012B	569078

General Chemistry (Continued)

Analysis Batch: 569682 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-569036/1-A	Lab Control Sample	Total/NA	Water	9012B	569036
LCS 410-569078/1-A	Lab Control Sample	Total/NA	Solid	9012B	569078
410-192708-24 MS	SB-115_4-5	Total/NA	Solid	9012B	569078
410-192708-24 MSD	SB-115_4-5	Total/NA	Solid	9012B	569078
410-192708-34 MS	N-3W_1-2	Total/NA	Solid	9012B	569078
410-192708-34 MSD	N-3W_1-2	Total/NA	Solid	9012B	569078

Analysis Batch: 569851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-42	C-2S_0-1	Total/NA	Solid	9012B	569618
410-192708-43	C-2S_1-2	Total/NA	Solid	9012B	569618
410-192708-44	C-2S_2-3	Total/NA	Solid	9012B	569618
410-192708-47	C-2E_2-3	Total/NA	Solid	9012B	569167
410-192708-48	C-2W_0-1	Total/NA	Solid	9012B	569618
410-192708-49	C-2W_1-2	Total/NA	Solid	9012B	569618
410-192708-50	C-2W_2-3	Total/NA	Solid	9012B	569618
410-192708-51	SB-110_0-1	Total/NA	Solid	9012B	569618
410-192708-60	SB-111_4-5	Total/NA	Solid	9012B	569618
410-192708-74	FB-04_20241018	Total/NA	Water	9012B	569508
MB 410-569167/2-A	Method Blank	Total/NA	Solid	9012B	569167
MB 410-569508/2-A	Method Blank	Total/NA	Water	9012B	569508
MB 410-569618/2-A	Method Blank	Total/NA	Solid	9012B	569618
LCS 410-569167/1-A	Lab Control Sample	Total/NA	Solid	9012B	569167
LCS 410-569508/1-A	Lab Control Sample	Total/NA	Water	9012B	569508
LCS 410-569618/1-A	Lab Control Sample	Total/NA	Solid	9012B	569618
410-192708-47 MS	C-2E_2-3	Total/NA	Solid	9012B	569167
410-192708-47 MSD	C-2E_2-3	Total/NA	Solid	9012B	569167
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	9012B	569618
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	9012B	569618

Analysis Batch: 570319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-52	SB-110_4-5	Total/NA	Solid	9012B	569664
410-192708-54	SB-109_0-1	Total/NA	Solid	9012B	569664
410-192708-55	SB-109_4-5	Total/NA	Solid	9012B	569664
410-192708-56	SB-108_0-1	Total/NA	Solid	9012B	569664
410-192708-57	SB-108_4-5	Total/NA	Solid	9012B	569664
410-192708-58	SB-108_16-18	Total/NA	Solid	9012B	569664
410-192708-59	SB-111_0-1	Total/NA	Solid	9012B	569664
410-192708-62	FD-03_20241017	Total/NA	Solid	9012B	569664
410-192708-63	SB-112_0-1	Total/NA	Solid	9012B	569664
410-192708-64	SB-112_4-5	Total/NA	Solid	9012B	569664
410-192708-65	SB-116_0-1	Total/NA	Solid	9012B	569664
410-192708-66	SB-116_4-5	Total/NA	Solid	9012B	569664
410-192708-67	SB-117_0-1	Total/NA	Solid	9012B	569664
410-192708-68	SB-117_4-5	Total/NA	Solid	9012B	569664
410-192708-69	SB-118_0-1	Total/NA	Solid	9012B	569664
410-192708-70	SB-118_4-5	Total/NA	Solid	9012B	569664
410-192708-71	SB-119_0-1	Total/NA	Solid	9012B	569664
410-192708-72	SB-119_4-5	Total/NA	Solid	9012B	569664
410-192708-73	FD-04_20241018	Total/NA	Solid	9012B	569664

General Chemistry (Continued)

Analysis Batch: 570319 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-569664/2-A	Method Blank	Total/NA	Solid	9012B	569664
LCS 410-569664/1-A	Lab Control Sample	Total/NA	Solid	9012B	569664
410-192708-64 MS	SB-112_4-5	Total/NA	Solid	9012B	569664
410-192708-64 MSD	SB-112_4-5	Total/NA	Solid	9012B	569664
410-192708-69 MS	SB-118_0-1	Total/NA	Solid	9012B	569664
410-192708-69 MSD	SB-118_0-1	Total/NA	Solid	9012B	569664

Analysis Batch: 571864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-101	FB-06_20241101	Total/NA	Water	5310 C-2014	
MB 410-571864/37	Method Blank	Total/NA	Water	5310 C-2014	
LCS 410-571864/36	Lab Control Sample	Total/NA	Water	5310 C-2014	
MRL 410-571864/3	Lab Control Sample	Total/NA	Water	5310 C-2014	

Analysis Batch: 571896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94	SED-01_0-1_20241101	Total/NA	Solid	Moisture	
410-192708-95	SED-02_0-1_20241101	Total/NA	Solid	Moisture	
410-192708-96	SED-03_0-1_20241101	Total/NA	Solid	Moisture	
410-192708-97	FD-06_20241101	Total/NA	Solid	Moisture	

Analysis Batch: 571990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-102	SED-04_0-1_20241104	Total/NA	Solid	Moisture	
410-192708-103	SED-05_0-1_20241104	Total/NA	Solid	Moisture	
410-192708-104	SED-06_0-1_20241104	Total/NA	Solid	Moisture	

Analysis Batch: 574276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94	SED-01_0-1_20241101	Total/NA	Solid	Lloyd Kahn	
410-192708-95	SED-02_0-1_20241101	Total/NA	Solid	Lloyd Kahn	
410-192708-96	SED-03_0-1_20241101	Total/NA	Solid	Lloyd Kahn	
410-192708-97	FD-06_20241101	Total/NA	Solid	Lloyd Kahn	
MB 410-574276/4	Method Blank	Total/NA	Solid	Lloyd Kahn	
LCS 410-574276/3	Lab Control Sample	Total/NA	Solid	Lloyd Kahn	
410-192708-94 MS	SED-01_0-1_20241101	Total/NA	Solid	Lloyd Kahn	
410-192708-94 MSD	SED-01_0-1_20241101	Total/NA	Solid	Lloyd Kahn	

Analysis Batch: 575279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-102	SED-04_0-1_20241104	Total/NA	Solid	Lloyd Kahn	
410-192708-103	SED-05_0-1_20241104	Total/NA	Solid	Lloyd Kahn	
410-192708-104	SED-06_0-1_20241104	Total/NA	Solid	Lloyd Kahn	
MB 410-575279/32	Method Blank	Total/NA	Solid	Lloyd Kahn	
LCS 410-575279/31	Lab Control Sample	Total/NA	Solid	Lloyd Kahn	

Leach Batch: 576173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94	SED-01_0-1_20241101	Soluble	Solid	DI Leach	
410-192708-95	SED-02_0-1_20241101	Soluble	Solid	DI Leach	
410-192708-96	SED-03_0-1_20241101	Soluble	Solid	DI Leach	

General Chemistry (Continued)

Leach Batch: 576173 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-97	FD-06_20241101	Soluble	Solid	DI Leach	
LCS 410-576173/1-A	Lab Control Sample	Soluble	Solid	DI Leach	
410-192708-94 DU	SED-01_0-1_20241101	Soluble	Solid	DI Leach	
410-192708-95 DU	SED-02_0-1_20241101	Soluble	Solid	DI Leach	

Analysis Batch: 576247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-94	SED-01_0-1_20241101	Soluble	Solid	9045D	576173
410-192708-95	SED-02_0-1_20241101	Soluble	Solid	9045D	576173
410-192708-96	SED-03_0-1_20241101	Soluble	Solid	9045D	576173
410-192708-97	FD-06_20241101	Soluble	Solid	9045D	576173
LCS 410-576173/1-A	Lab Control Sample	Soluble	Solid	9045D	576173
410-192708-94 DU	SED-01_0-1_20241101	Soluble	Solid	9045D	576173
410-192708-95 DU	SED-02_0-1_20241101	Soluble	Solid	9045D	576173

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-105_4-5
Date Collected: 10/14/24 09:00
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-105_4-5
Date Collected: 10/14/24 09:00
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-1
Matrix: Solid
Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			565309	WJ7F	ELLE	10/19/24 10:33
Total/NA	Analysis	8260D		1	566202	ULCP	ELLE	10/22/24 16:41
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	573834	UWHS	ELLE	11/12/24 02:38
Total/NA	Prep	5035			565308	WJ7F	ELLE	10/19/24 10:59
Total/NA	Analysis	8015D		25	565497	WJ7F	ELLE	10/21/24 13:05
Total/NA	Prep	3546			566481	MD4W	ELLE	10/22/24 16:45
Total/NA	Analysis	8015D		1	566614	UHEW	ELLE	10/23/24 08:56
Total/NA	Prep	3546			565855	MD4W	ELLE	10/21/24 15:50
Total/NA	Analysis	8082A		1	565961	M6UH	ELLE	10/22/24 06:58
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 13:18
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		10	573020	LHF4	ELLE	11/08/24 13:20
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 09:00
Total/NA	Prep	9012B			567492	NLE3	ELLE	10/24/24 15:00 - 10/24/24 16:45 [1]
Total/NA	Analysis	9012B		1	567922	UJE2	ELLE	10/24/24 20:04

Client Sample ID: SB-107_0-1
Date Collected: 10/14/24 10:15
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-107_0-1
Date Collected: 10/14/24 10:15
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-2
Matrix: Solid
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	573834	UWHS	ELLE	11/12/24 03:00
Total/NA	Prep	3546			565855	MD4W	ELLE	10/21/24 15:50
Total/NA	Analysis	8082A		1	565961	M6UH	ELLE	10/22/24 07:09
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 13:14

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-107_0-1 — Lab Sample ID: 410-192708-2

Date Collected: 10/14/24 10:15 — **Matrix: Solid**
Date Received: 10/16/24 16:20 — **Percent Solids: 83.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	576325	LHF4	ELLE	11/18/24 10:52
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 08:50
Total/NA	Prep	9012B			567492	NLE3	ELLE	10/24/24 15:00 - 10/24/24 16:45 [1]
Total/NA	Analysis	9012B		1	567922	UJE2	ELLE	10/24/24 20:05

Client Sample ID: SB-107_4-5 — Lab Sample ID: 410-192708-3

Date Collected: 10/14/24 10:20 — **Matrix: Solid**
Date Received: 10/16/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-107_4-5 — Lab Sample ID: 410-192708-3

Date Collected: 10/14/24 10:20 — **Matrix: Solid**
Date Received: 10/16/24 16:20 — **Percent Solids: 88.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	573834	UWHS	ELLE	11/12/24 03:21
Total/NA	Prep	3546			565855	MD4W	ELLE	10/21/24 15:50
Total/NA	Analysis	8082A		1	565961	M6UH	ELLE	10/22/24 07:21
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 13:32
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	576325	LHF4	ELLE	11/18/24 10:54
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 08:52
Total/NA	Prep	9012B			567492	NLE3	ELLE	10/24/24 15:00 - 10/24/24 16:45 [1]
Total/NA	Analysis	9012B		1	567922	UJE2	ELLE	10/24/24 20:05

Client Sample ID: SB-104_0-1 — Lab Sample ID: 410-192708-4

Date Collected: 10/14/24 10:45 — **Matrix: Solid**
Date Received: 10/16/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-104_0-1 — Lab Sample ID: 410-192708-4

Date Collected: 10/14/24 10:45 — **Matrix: Solid**
Date Received: 10/16/24 16:20 — **Percent Solids: 86.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		5	573834	UWHS	ELLE	11/12/24 03:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-104_0-1 — Lab Sample ID: 410-192708-4

Date Collected: 10/14/24 10:45 — **Matrix: Solid**
Date Received: 10/16/24 16:20 — **Percent Solids: 86.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 13:45
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		10	573020	LHF4	ELLE	11/08/24 13:47
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	576325	LHF4	ELLE	11/18/24 10:58
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 09:03
Total/NA	Prep	9012B			567492	NLE3	ELLE	10/24/24 15:00 - 10/24/24 16:45 [1]
Total/NA	Analysis	9012B		1	567922	UJE2	ELLE	10/24/24 20:05

Client Sample ID: SB-104_4-5 — Lab Sample ID: 410-192708-5

Date Collected: 10/14/24 10:50 — **Matrix: Solid**
Date Received: 10/16/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-104_4-5 — Lab Sample ID: 410-192708-5

Date Collected: 10/14/24 10:50 — **Matrix: Solid**
Date Received: 10/16/24 16:20 — **Percent Solids: 83.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			565309	WJ7F	ELLE	10/19/24 10:59
Total/NA	Analysis	8260D		1	566202	ULCP	ELLE	10/22/24 17:03
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	573834	UWHS	ELLE	11/12/24 04:04
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 14:07
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	578748	F7JF	ELLE	11/23/24 10:03
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 09:11
Total/NA	Prep	9012B			568032	NLE3	ELLE	10/25/24 16:15 - 10/25/24 18:00 [1]
Total/NA	Analysis	9012B		1	568448	UJE2	ELLE	10/25/24 20:50

Client Sample ID: SB-106_0-1 — Lab Sample ID: 410-192708-6

Date Collected: 10/14/24 11:45 — **Matrix: Solid**
Date Received: 10/16/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	566903	UVJN	ELLE	10/23/24 12:55

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-106_0-1
Date Collected: 10/14/24 11:45
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-6
Matrix: Solid
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		5	573834	UWHS	ELLE	11/12/24 04:25
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 13:10
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		10	573020	LHF4	ELLE	11/08/24 13:12
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	576325	LHF4	ELLE	11/18/24 10:50
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 08:48
Total/NA	Prep	9012B			568032	NLE3	ELLE	10/25/24 16:15 - 10/25/24 18:00 [1]
Total/NA	Analysis	9012B		1	568448	UJE2	ELLE	10/25/24 20:57

Client Sample ID: SB-106_4-5
Date Collected: 10/14/24 11:50
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-106_4-5
Date Collected: 10/14/24 11:50
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-7
Matrix: Solid
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			565309	WJ7F	ELLE	10/19/24 10:59
Total/NA	Analysis	8260D		1	566202	ULCP	ELLE	10/22/24 17:26
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	573834	UWHS	ELLE	11/12/24 04:47
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 13:36
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		10	573020	LHF4	ELLE	11/08/24 13:38
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 08:58
Total/NA	Prep	9012B			568032	NLE3	ELLE	10/25/24 16:15 - 10/25/24 18:00 [1]
Total/NA	Analysis	9012B		1	568448	UJE2	ELLE	10/25/24 20:58

Client Sample ID: SB-103_0-1
Date Collected: 10/14/24 13:30
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-103_0-1
Date Collected: 10/14/24 13:30
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-8
Matrix: Solid
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		5	573834	UWHS	ELLE	11/12/24 05:08
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 13:41
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		10	573020	LHF4	ELLE	11/08/24 13:43
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	576325	LHF4	ELLE	11/18/24 10:56
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 09:07
Total/NA	Prep	9012B			568032	NLE3	ELLE	10/25/24 16:15 - 10/25/24 18:00 [1]
Total/NA	Analysis	9012B		1	568448	UJE2	ELLE	10/25/24 20:58

Client Sample ID: SB-103_4-5
Date Collected: 10/14/24 13:35
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-103_4-5
Date Collected: 10/14/24 13:35
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-9
Matrix: Solid
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			565309	WJ7F	ELLE	10/19/24 10:59
Total/NA	Analysis	8260D		1	566202	ULCP	ELLE	10/22/24 17:49
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		5	573834	UWHS	ELLE	11/12/24 05:30
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 13:55
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		10	573020	LHF4	ELLE	11/08/24 13:57
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	576325	LHF4	ELLE	11/18/24 11:00
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 09:05
Total/NA	Prep	9012B			568032	NLE3	ELLE	10/25/24 16:15 - 10/25/24 18:00 [1]
Total/NA	Analysis	9012B		1	568448	UJE2	ELLE	10/25/24 21:01

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: FD-01_20241014
Lab Sample ID: 410-192708-10
Date Collected: 10/14/24 13:40
Matrix: Solid
Date Received: 10/16/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: FD-01_20241014
Lab Sample ID: 410-192708-10
Date Collected: 10/14/24 13:40
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			566418	PV7W	ELLE	10/22/24 14:22
Total/NA	Analysis	8260D		50	567096	S8BP	ELLE	10/24/24 00:09
Total/NA	Prep	5035			565309	WJ7F	ELLE	10/19/24 10:59
Total/NA	Analysis	8260D		1	566761	ULCP	ELLE	10/23/24 18:56
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		5	573834	UWHS	ELLE	11/12/24 05:51
Total/NA	Prep	3050B			575814	UAMX	ELLE	11/15/24 20:00
Total/NA	Analysis	6020B		2	578514	LHF4	ELLE	11/22/24 13:16
Total/NA	Prep	7471B			575852	UAMX	ELLE	11/16/24 07:30
Total/NA	Analysis	7471B		1	576898	HNC4	ELLE	11/19/24 13:35
Total/NA	Prep	9012B			568032	NLE3	ELLE	10/25/24 16:15 - 10/25/24 18:00 [1]
Total/NA	Analysis	9012B		1	568448	UJE2	ELLE	10/25/24 21:01

Client Sample ID: TB-01_20241014
Lab Sample ID: 410-192708-11
Date Collected: 10/14/24 00:00
Matrix: Water
Date Received: 10/16/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	567210	TQ4J	ELLE	10/24/24 10:49

Client Sample ID: SB-102_0-1
Lab Sample ID: 410-192708-12
Date Collected: 10/14/24 14:20
Matrix: Solid
Date Received: 10/16/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-102_0-1
Lab Sample ID: 410-192708-12
Date Collected: 10/14/24 14:20
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	573834	UWHS	ELLE	11/12/24 06:12
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 14:03
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 09:09

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-102_0-1 — Lab Sample ID: 410-192708-12

Date Collected: 10/14/24 14:20
Date Received: 10/16/24 16:20
Matrix: Solid
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			568032	NLE3	ELLE	10/25/24 16:15 - 10/25/24 18:00 ¹
Total/NA	Analysis	9012B		1	568448	UJE2	ELLE	10/25/24 21:01

Client Sample ID: SB-102_4-5 — Lab Sample ID: 410-192708-13

Date Collected: 10/14/24 14:25
Date Received: 10/16/24 16:20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-102_4-5 — Lab Sample ID: 410-192708-13

Date Collected: 10/14/24 14:25
Date Received: 10/16/24 16:20
Matrix: Solid
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	574284	TB8M	ELLE	11/13/24 04:21
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 13:22
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 09:02
Total/NA	Prep	9012B			568032	NLE3	ELLE	10/25/24 16:15 - 10/25/24 18:00 ¹
Total/NA	Analysis	9012B		1	568448	UJE2	ELLE	10/25/24 21:06

Client Sample ID: SB-100_0-1 — Lab Sample ID: 410-192708-14

Date Collected: 10/14/24 15:20
Date Received: 10/16/24 16:20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-100_0-1 — Lab Sample ID: 410-192708-14

Date Collected: 10/14/24 15:20
Date Received: 10/16/24 16:20
Matrix: Solid
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		5	573834	UWHS	ELLE	11/12/24 06:55
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 14:21
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 09:20
Total/NA	Prep	9012B			568032	NLE3	ELLE	10/25/24 16:15 - 10/25/24 18:00 ¹
Total/NA	Analysis	9012B		1	568448	UJE2	ELLE	10/25/24 21:09

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-100_4-5
Date Collected: 10/14/24 15:30
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-100_4-5
Date Collected: 10/14/24 15:30
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-15
Matrix: Solid
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			565309	WJ7F	ELLE	10/19/24 10:59
Total/NA	Analysis	8260D		1	566202	ULCP	ELLE	10/22/24 14:25
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		5	573834	UWHS	ELLE	11/12/24 07:17
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 12:31
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		10	573020	LHF4	ELLE	11/08/24 12:33
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	576325	LHF4	ELLE	11/18/24 10:31
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 08:39
Total/NA	Prep	9012B			568032	NLE3	ELLE	10/25/24 16:15 - 10/25/24 18:00 [1]
Total/NA	Analysis	9012B		1	568448	UJE2	ELLE	10/25/24 21:05

Client Sample ID: SB-100_18-20
Date Collected: 10/14/24 16:40
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-100_18-20
Date Collected: 10/14/24 16:40
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-16
Matrix: Solid
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			565309	WJ7F	ELLE	10/19/24 10:59
Total/NA	Analysis	8260D		1	566202	ULCP	ELLE	10/22/24 18:11
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	575616	N5QU	ELLE	11/15/24 18:54
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 13:59
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		10	573020	LHF4	ELLE	11/08/24 14:01
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	576325	LHF4	ELLE	11/18/24 11:02

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-100_18-20 — Lab Sample ID: 410-192708-16

Date Collected: 10/14/24 16:40 — **Matrix: Solid**
Date Received: 10/16/24 16:20 — **Percent Solids: 83.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 09:13
Total/NA	Prep	9012B			568032	NLE3	ELLE	10/25/24 16:15 - 10/25/24 18:00 [1]
Total/NA	Analysis	9012B		1	568448	UJE2	ELLE	10/25/24 21:09

Client Sample ID: SB-101_4-5 — Lab Sample ID: 410-192708-17

Date Collected: 10/15/24 08:30 — **Matrix: Solid**
Date Received: 10/16/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-101_4-5 — Lab Sample ID: 410-192708-17

Date Collected: 10/15/24 08:30 — **Matrix: Solid**
Date Received: 10/16/24 16:20 — **Percent Solids: 82.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			565309	WJ7F	ELLE	10/19/24 10:59
Total/NA	Analysis	8260D		1	566202	ULCP	ELLE	10/22/24 18:34
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	574284	TB8M	ELLE	11/13/24 05:05
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	573020	LHF4	ELLE	11/08/24 14:17
Total/NA	Prep	3050B			566581	UAMX	ELLE	10/22/24 21:30
Total/NA	Analysis	6020B		2	576325	LHF4	ELLE	11/18/24 11:04
Total/NA	Prep	7471B			566587	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 09:15
Total/NA	Prep	9012B			568032	NLE3	ELLE	10/25/24 16:15 - 10/25/24 18:00 [1]
Total/NA	Analysis	9012B		1	568448	UJE2	ELLE	10/25/24 21:10

Client Sample ID: SB-113_0-1 — Lab Sample ID: 410-192708-18

Date Collected: 10/15/24 12:10 — **Matrix: Solid**
Date Received: 10/16/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	566903	UVJN	ELLE	10/23/24 12:55

Client Sample ID: SB-113_0-1 — Lab Sample ID: 410-192708-18

Date Collected: 10/15/24 12:10 — **Matrix: Solid**
Date Received: 10/16/24 16:20 — **Percent Solids: 84.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	574284	TB8M	ELLE	11/13/24 05:27
Total/NA	Prep	3546			568019	MD4W	ELLE	10/25/24 15:50
Total/NA	Analysis	8082A		1	568748	M6UH	ELLE	10/29/24 05:11

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-113_4-5
Date Collected: 10/15/24 12:20
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565249	USWF	ELLE	10/18/24 22:27

Client Sample ID: SB-113_4-5
Date Collected: 10/15/24 12:20
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-19
Matrix: Solid
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			565308	WJ7F	ELLE	10/19/24 10:59
Total/NA	Analysis	8260D		50	567096	S8BP	ELLE	10/24/24 00:30
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	574284	TB8M	ELLE	11/13/24 05:49
Total/NA	Prep	5035			565308	WJ7F	ELLE	10/19/24 10:59
Total/NA	Analysis	8015D		2000	566098	WJ7F	ELLE	10/22/24 12:37
Total/NA	Prep	3546			566481	MD4W	ELLE	10/22/24 16:45
Total/NA	Analysis	8015D		1	566614	UHEW	ELLE	10/23/24 09:35
Total/NA	Prep	3546			565855	MD4W	ELLE	10/21/24 15:50
Total/NA	Analysis	8082A		1	565961	M6UH	ELLE	10/22/24 03:03

Client Sample ID: SB-114_10-12
Date Collected: 10/15/24 13:45
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565254	USWF	ELLE	10/19/24 00:36

Client Sample ID: SB-114_10-12
Date Collected: 10/15/24 13:45
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-20
Matrix: Solid
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			565309	WJ7F	ELLE	10/19/24 11:15
Total/NA	Analysis	8260D		1	566202	ULCP	ELLE	10/22/24 18:56
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	574284	TB8M	ELLE	11/13/24 06:54
Total/NA	Prep	5035			565308	WJ7F	ELLE	10/19/24 11:15
Total/NA	Analysis	8015D		25	565497	WJ7F	ELLE	10/21/24 13:42
Total/NA	Prep	3546			566481	MD4W	ELLE	10/22/24 16:45
Total/NA	Analysis	8015D		1	566614	UHEW	ELLE	10/23/24 03:39

Client Sample ID: FD-02_20241015
Date Collected: 10/15/24 13:45
Date Received: 10/16/24 16:20

Lab Sample ID: 410-192708-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	565254	USWF	ELLE	10/19/24 00:36

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: FD-02_20241015

Lab Sample ID: 410-192708-21
Date Collected: 10/15/24 13:45
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			565309	WJ7F	ELLE	10/19/24 11:15
Total/NA	Analysis	8260D		1	566202	ULCP	ELLE	10/22/24 19:19
Total/NA	Prep	3546			567882	F8UG	ELLE	10/25/24 11:30
Total/NA	Analysis	8270E		1	574284	TB8M	ELLE	11/13/24 07:16
Total/NA	Prep	5035			565308	WJ7F	ELLE	10/19/24 11:15
Total/NA	Analysis	8015D		25	565497	WJ7F	ELLE	10/21/24 14:15
Total/NA	Prep	3546			566481	MD4W	ELLE	10/22/24 16:45
Total/NA	Analysis	8015D		1	566614	UHEW	ELLE	10/23/24 03:59

Client Sample ID: TB-02_20241015

Lab Sample ID: 410-192708-22
Date Collected: 10/15/24 00:00
Matrix: Water
Date Received: 10/16/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	567210	TQ4J	ELLE	10/24/24 11:11

Client Sample ID: FB-01_20241015

Lab Sample ID: 410-192708-23
Date Collected: 10/15/24 08:15
Matrix: Water
Date Received: 10/16/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	568379	JS6E	ELLE	10/27/24 23:06
Total/NA	Prep	3510C			565284	QKX3	ELLE	10/19/24 07:50
Total/NA	Analysis	8270E		1	570136	W6ZA	ELLE	11/01/24 05:16
Total/NA	Analysis	8015D		1	564334	P5AM	ELLE	10/17/24 13:10
Total/NA	Prep	3510C			565291	D7NA	ELLE	10/19/24 08:04
Total/NA	Analysis	8015D		1	566007	IUSB	ELLE	10/22/24 03:55
Total/NA	Prep	3510C			566467	QJZ6	ELLE	10/22/24 15:26
Total/NA	Analysis	8081B		1	566637	UAMZ	ELLE	10/23/24 07:43
Total/NA	Prep	3510C			565177	QJZ6	ELLE	10/18/24 17:11
Total/NA	Analysis	8082A		1	565557	M6UH	ELLE	10/21/24 10:17
Total/NA	Prep	8151A			565451	UKL2	ELLE	10/20/24 20:03
Total/NA	Analysis	8151A		1	566062	UAMZ	ELLE	10/22/24 13:40
Total Recoverable	Prep	3005A			564941	UJL8	ELLE	10/21/24 06:25
Total Recoverable	Analysis	6020B		1	569096	F7JF	ELLE	10/29/24 09:43
Total Recoverable	Prep	3005A			564941	UJL8	ELLE	10/21/24 06:25
Total Recoverable	Analysis	6020B		1	568417	F7JF	ELLE	10/27/24 12:15
Total/NA	Prep	7470A			564706	UJL8	ELLE	10/21/24 07:35
Total/NA	Analysis	7470A		1	566984	HNC4	ELLE	10/23/24 12:29
Total/NA	Prep	9012B			568144	NLE3	ELLE	10/25/24 19:15 - 10/25/24 21:00 [1]
Total/NA	Analysis	9012B		1	568957	UJE2	ELLE	10/28/24 21:09

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-115_4-5
Date Collected: 10/16/24 09:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: SB-115_4-5
Date Collected: 10/16/24 09:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-24
Matrix: Solid
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			566497	UK3O	ELLE	10/22/24 17:02
Total/NA	Analysis	8260D		1	566761	ULCP	ELLE	10/23/24 19:19
Total/NA	Prep	3546			567544	MD4W	ELLE	10/24/24 16:30
Total/NA	Analysis	8270E		1	573081	W6ZA	ELLE	11/09/24 03:24
Total/NA	Prep	5035			566500	UK3O	ELLE	10/22/24 17:14
Total/NA	Analysis	8015D		25	566681	WJ7F	ELLE	10/23/24 15:44
Total/NA	Prep	3546			566481	MD4W	ELLE	10/22/24 16:45
Total/NA	Analysis	8015D		1	566614	UHEW	ELLE	10/23/24 04:18
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 19:54

Client Sample ID: SB-115_21-23
Date Collected: 10/16/24 09:50
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: SB-115_21-23
Date Collected: 10/16/24 09:50
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-25
Matrix: Solid
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			566500	UK3O	ELLE	10/22/24 17:14
Total/NA	Analysis	8260D		100	569193	S8BP	ELLE	10/30/24 03:00
Total/NA	Prep	3546			567544	MD4W	ELLE	10/24/24 16:30
Total/NA	Analysis	8270E		10	573302	WH7Z	ELLE	11/10/24 14:46
Total/NA	Prep	5035			566500	UK3O	ELLE	10/22/24 17:14
Total/NA	Analysis	8015D		5000	567229	WJ7F	ELLE	10/25/24 01:05
Total/NA	Prep	3546			566481	MD4W	ELLE	10/22/24 16:45
Total/NA	Analysis	8015D		50	568618	IUSB	ELLE	10/28/24 18:22
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 19:57

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-115_29-30
Date Collected: 10/16/24 09:55
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: SB-115_29-30
Date Collected: 10/16/24 09:55
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-26
Matrix: Solid
Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			567128	UK3O	ELLE	10/23/24 19:46
Total/NA	Analysis	8260D		50	569193	S8BP	ELLE	10/30/24 02:38
Total/NA	Prep	3546			567544	MD4W	ELLE	10/24/24 16:30
Total/NA	Analysis	8270E		1	573081	W6ZA	ELLE	11/09/24 04:07
Total/NA	Prep	3546	RE		574197	MD4W	ELLE	11/12/24 16:20
Total/NA	Analysis	8270E	RE	1	574826	SJ89	ELLE	11/14/24 06:50
Total/NA	Prep	5035			566500	UK3O	ELLE	10/22/24 17:14
Total/NA	Analysis	8015D		25	567229	WJ7F	ELLE	10/24/24 16:38
Total/NA	Prep	3546			566481	MD4W	ELLE	10/22/24 16:45
Total/NA	Analysis	8015D		1	566614	UHEW	ELLE	10/23/24 04:38
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 19:57

Client Sample ID: N-3N_0-1
Date Collected: 10/16/24 11:30
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567467	UVJN	ELLE	10/24/24 13:15

Client Sample ID: N-3N_0-1
Date Collected: 10/16/24 11:30
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-27
Matrix: Solid
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			568247	U9KU	ELLE	10/26/24 11:01
Total/NA	Analysis	8081B		50	568804	UAMZ	ELLE	10/29/24 07:42
Total/NA	Prep	3546	DL		568247	U9KU	ELLE	10/26/24 11:01
Total/NA	Analysis	8081B	DL	200	568804	UAMZ	ELLE	10/29/24 12:36
Total/NA	Prep	8151A			566699	XU9L	ELLE	10/23/24 07:35
Total/NA	Analysis	8151A		1	567185	UAMZ	ELLE	10/24/24 18:20
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 18:28
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		10	573133	T8CQ	ELLE	11/08/24 18:30
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:30

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: N-3N_0-1 — Lab Sample ID: 410-192708-27

Date Collected: 10/16/24 11:30 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 87.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 19:58

Client Sample ID: N-3N_1-2 — Lab Sample ID: 410-192708-28

Date Collected: 10/16/24 11:32 — **Matrix: Solid**
Date Received: 10/18/24 15:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567467	UVJN	ELLE	10/24/24 13:15

Client Sample ID: N-3N_1-2 — Lab Sample ID: 410-192708-28

Date Collected: 10/16/24 11:32 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 84.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			568999	UJL8	ELLE	10/30/24 06:10
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 18:02
Total/NA	Prep	3050B			568999	UJL8	ELLE	10/30/24 06:10
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 18:04
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		5	573226	HNC4	ELLE	11/09/24 10:32
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 19:58

Client Sample ID: N-3N_2-3 — Lab Sample ID: 410-192708-29

Date Collected: 10/16/24 11:34 — **Matrix: Solid**
Date Received: 10/18/24 15:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: N-3N_2-3 — Lab Sample ID: 410-192708-29

Date Collected: 10/16/24 11:34 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 78.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			568999	UJL8	ELLE	10/30/24 06:10
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 18:06
Total/NA	Prep	3050B			568999	UJL8	ELLE	10/30/24 06:10
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 18:08
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		2	573226	HNC4	ELLE	11/09/24 10:30
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 19:58

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: N-3S_0-1
Date Collected: 10/16/24 13:40
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567743	UVJN	ELLE	10/25/24 07:02

Client Sample ID: N-3S_0-1
Date Collected: 10/16/24 13:40
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-30
Matrix: Solid
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			568247	U9KU	ELLE	10/26/24 11:01
Total/NA	Analysis	8081B		5	568804	UAMZ	ELLE	10/29/24 07:52
Total/NA	Prep	8151A			566699	XU9L	ELLE	10/23/24 07:35
Total/NA	Analysis	8151A		1	567185	UAMZ	ELLE	10/24/24 18:56
Total/NA	Prep	3050B			575814	UAMX	ELLE	11/15/24 20:00
Total/NA	Analysis	6020B		2	578514	LHF4	ELLE	11/22/24 13:20
Total/NA	Prep	7471B			575852	UAMX	ELLE	11/16/24 07:30
Total/NA	Analysis	7471B		1	576898	HNC4	ELLE	11/19/24 13:37
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:02

Client Sample ID: N-3S_1-2
Date Collected: 10/16/24 13:42
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: N-3S_1-2
Date Collected: 10/16/24 13:42
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-31
Matrix: Solid
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 17:52
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		10	573133	T8CQ	ELLE	11/08/24 17:54
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:53
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:02

Client Sample ID: N-3S_2-3
Date Collected: 10/16/24 13:44
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: N-3S_2-3 — Lab Sample ID: 410-192708-32

Date Collected: 10/16/24 13:44 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 74.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 18:52
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		10	573133	T8CQ	ELLE	11/08/24 18:54
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		100	573133	T8CQ	ELLE	11/08/24 19:28
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:34
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:03

Client Sample ID: N-3W_0-1 — Lab Sample ID: 410-192708-33

Date Collected: 10/16/24 14:35 — **Matrix: Solid**
Date Received: 10/18/24 15:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: N-3W_0-1 — Lab Sample ID: 410-192708-33

Date Collected: 10/16/24 14:35 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 82.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 18:56
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		10	573133	T8CQ	ELLE	11/08/24 18:58
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		2	573226	HNC4	ELLE	11/09/24 09:09
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:05

Client Sample ID: N-3W_1-2 — Lab Sample ID: 410-192708-34

Date Collected: 10/16/24 14:36 — **Matrix: Solid**
Date Received: 10/18/24 15:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: N-3W_1-2 — Lab Sample ID: 410-192708-34

Date Collected: 10/16/24 14:36 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 70.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 18:36

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: N-3W_1-2
Date Collected: 10/16/24 14:36
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-34
Matrix: Solid
Percent Solids: 70.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		10	573133	T8CQ	ELLE	11/08/24 18:38
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		100	573133	T8CQ	ELLE	11/08/24 19:26
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		10	573226	HNC4	ELLE	11/09/24 09:11
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:05

Client Sample ID: N-3W_2-3
Date Collected: 10/16/24 14:37
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: N-3W_2-3
Date Collected: 10/16/24 14:37
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-35
Matrix: Solid
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 19:18
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		10	573133	T8CQ	ELLE	11/08/24 19:20
Total/NA	Prep	7471B			569295	UAMX	ELLE	10/31/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 11:40
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:07

Client Sample ID: N-3E_0-1
Date Collected: 10/16/24 13:55
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: N-3E_0-1
Date Collected: 10/16/24 13:55
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-36
Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 19:22
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		10	573133	T8CQ	ELLE	11/08/24 19:24

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: N-3E_0-1
Date Collected: 10/16/24 13:55
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-36
Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			569295	UAMX	ELLE	10/31/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 11:38
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:09

Client Sample ID: N-3E_1-2
Date Collected: 10/16/24 13:56
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: N-3E_1-2
Date Collected: 10/16/24 13:56
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-37
Matrix: Solid
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 19:00
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		10	573133	T8CQ	ELLE	11/08/24 19:03
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		100	573133	T8CQ	ELLE	11/08/24 19:31
Total/NA	Prep	7471B			569295	UAMX	ELLE	10/31/24 23:20
Total/NA	Analysis	7471B		1	571049	X3ZX	ELLE	11/04/24 11:42
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:10

Client Sample ID: N-3E_2-3
Date Collected: 10/16/24 13:57
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: N-3E_2-3
Date Collected: 10/16/24 13:57
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-38
Matrix: Solid
Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			568999	UJL8	ELLE	10/30/24 06:10
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 18:10
Total/NA	Prep	3050B			568999	UJL8	ELLE	10/30/24 06:10
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 18:12
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:57

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: N-3E_2-3
Date Collected: 10/16/24 13:57
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-38
Matrix: Solid
Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:11

Client Sample ID: C-2N_0-1
Date Collected: 10/16/24 16:30
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567467	UVJN	ELLE	10/24/24 13:15

Client Sample ID: C-2N_0-1
Date Collected: 10/16/24 16:30
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-39
Matrix: Solid
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			568247	U9KU	ELLE	10/26/24 11:01
Total/NA	Analysis	8081B		1	568804	UAMZ	ELLE	10/29/24 08:03
Total/NA	Prep	8151A			566699	XU9L	ELLE	10/23/24 07:35
Total/NA	Analysis	8151A		1	567185	UAMZ	ELLE	10/24/24 19:31
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 18:48
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:47
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:13

Client Sample ID: C-2N_1-2
Date Collected: 10/16/24 16:31
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567467	UVJN	ELLE	10/24/24 13:15

Client Sample ID: C-2N_1-2
Date Collected: 10/16/24 16:31
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-40
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 18:00
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		10	573133	T8CQ	ELLE	11/08/24 18:02
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:32
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:14

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: C-2N_2-3
Date Collected: 10/16/24 16:32
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: C-2N_2-3
Date Collected: 10/16/24 16:32
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-41
Matrix: Solid
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			568999	UJL8	ELLE	10/30/24 06:10
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 17:40
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:05
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:14

Client Sample ID: C-2S_0-1
Date Collected: 10/17/24 08:04
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: C-2S_0-1
Date Collected: 10/17/24 08:04
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-42
Matrix: Solid
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 16:31
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:49
Total/NA	Prep	9012B			569618	NLE3	ELLE	10/30/24 15:45 - 10/30/24 17:30 [1]
Total/NA	Analysis	9012B		1	569851	UJE2	ELLE	10/30/24 20:07

Client Sample ID: C-2S_1-2
Date Collected: 10/17/24 08:05
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: C-2S_1-2
Date Collected: 10/17/24 08:05
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-43
Matrix: Solid
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 18:04
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:22
Total/NA	Prep	9012B			569618	NLE3	ELLE	10/30/24 15:45 - 10/30/24 17:30 [1]
Total/NA	Analysis	9012B		1	569851	UJE2	ELLE	10/30/24 20:09

Client Sample ID: C-2S_2-3
Date Collected: 10/17/24 08:06
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567467	UVJN	ELLE	10/24/24 13:15

Client Sample ID: C-2S_2-3
Date Collected: 10/17/24 08:06
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-44
Matrix: Solid
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			568999	UJL8	ELLE	10/30/24 06:10
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 17:36
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 08:11
Total/NA	Prep	9012B			569618	NLE3	ELLE	10/30/24 15:45 - 10/30/24 17:30 [1]
Total/NA	Analysis	9012B		1	569851	UJE2	ELLE	10/30/24 20:10

Client Sample ID: C-2E_0-1
Date Collected: 10/16/24 15:30
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: C-2E_0-1
Date Collected: 10/16/24 15:30
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-45
Matrix: Solid
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 18:32
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		10	573133	T8CQ	ELLE	11/08/24 18:34
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:24
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:15

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: C-2E_1-2
Date Collected: 10/16/24 15:31
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: C-2E_1-2
Date Collected: 10/16/24 15:31
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-46
Matrix: Solid
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			568999	UJL8	ELLE	10/30/24 06:10
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 17:44
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 08:09
Total/NA	Prep	9012B			569078	NLE3	ELLE	10/29/24 15:00 - 10/29/24 16:45 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 20:15

Client Sample ID: C-2E_2-3
Date Collected: 10/16/24 15:32
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: C-2E_2-3
Date Collected: 10/16/24 15:32
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-47
Matrix: Solid
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			568999	UJL8	ELLE	10/30/24 06:10
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 18:14
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:55
Total/NA	Prep	9012B			569167	NLE3	ELLE	10/29/24 18:00 - 10/29/24 19:45 [1]
Total/NA	Analysis	9012B		1	569851	UJE2	ELLE	10/30/24 20:30

Client Sample ID: C-2W_0-1
Date Collected: 10/17/24 08:50
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: C-2W_0-1 — Lab Sample ID: 410-192708-48

Date Collected: 10/17/24 08:50 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 88.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 17:56
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		10	573133	T8CQ	ELLE	11/08/24 17:58
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:51
Total/NA	Prep	9012B			569618	NLE3	ELLE	10/30/24 15:45 - 10/30/24 17:30 [1]
Total/NA	Analysis	9012B		1	569851	UJE2	ELLE	10/30/24 20:10

Client Sample ID: C-2W_1-2 — Lab Sample ID: 410-192708-49

Date Collected: 10/17/24 08:51 — **Matrix: Solid**
Date Received: 10/18/24 15:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: C-2W_1-2 — Lab Sample ID: 410-192708-49

Date Collected: 10/17/24 08:51 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 89.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			568999	UJL8	ELLE	10/30/24 06:10
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 17:21
Total/NA	Prep	3050B			568999	UJL8	ELLE	10/30/24 06:10
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 17:23
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:26
Total/NA	Prep	9012B			569618	NLE3	ELLE	10/30/24 15:45 - 10/30/24 17:30 [1]
Total/NA	Analysis	9012B		1	569851	UJE2	ELLE	10/30/24 20:11

Client Sample ID: C-2W_2-3 — Lab Sample ID: 410-192708-50

Date Collected: 10/17/24 08:52 — **Matrix: Solid**
Date Received: 10/18/24 15:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: C-2W_2-3 — Lab Sample ID: 410-192708-50

Date Collected: 10/17/24 08:52 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 92.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		2	573133	T8CQ	ELLE	11/08/24 18:24
Total/NA	Prep	3050B			569001	UJL8	ELLE	11/04/24 06:25
Total/NA	Analysis	6020B		10	573133	T8CQ	ELLE	11/08/24 18:26

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: C-2W_2-3
Date Collected: 10/17/24 08:52
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-50
Matrix: Solid
Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			569294	UAMX	ELLE	11/07/24 22:00
Total/NA	Analysis	7471B		1	573226	HNC4	ELLE	11/09/24 07:28
Total/NA	Prep	9012B			569618	NLE3	ELLE	10/30/24 15:45 - 10/30/24 17:30 [1]
Total/NA	Analysis	9012B		1	569851	UJE2	ELLE	10/30/24 20:11

Client Sample ID: SB-110_0-1
Date Collected: 10/17/24 10:10
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: SB-110_0-1
Date Collected: 10/17/24 10:10
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-51
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 13:09
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 20:29
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 20:31
Total/NA	Prep	7471B			568203	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	569987	HNC4	ELLE	10/31/24 07:53
Total/NA	Prep	9012B			569618	NLE3	ELLE	10/30/24 15:45 - 10/30/24 17:30 [1]
Total/NA	Analysis	9012B		1	569851	UJE2	ELLE	10/30/24 20:14

Client Sample ID: SB-110_4-5
Date Collected: 10/17/24 10:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: SB-110_4-5
Date Collected: 10/17/24 10:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-52
Matrix: Solid
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			566497	UK3O	ELLE	10/22/24 17:02
Total/NA	Analysis	8260D		1	566761	ULCP	ELLE	10/23/24 19:41
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 12:17
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 20:15

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-110_4-5
Date Collected: 10/17/24 10:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-52
Matrix: Solid
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 20:17
Total/NA	Prep	7471B			568203	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	569987	HNC4	ELLE	10/31/24 07:51
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:28

Client Sample ID: TB-03_20241017
Date Collected: 10/17/24 00:00
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-53
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	568379	JS6E	ELLE	10/27/24 21:46

Client Sample ID: SB-109_0-1
Date Collected: 10/17/24 10:55
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Client Sample ID: SB-109_0-1
Date Collected: 10/17/24 10:55
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-54
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 16:37
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 20:41
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 20:43
Total/NA	Prep	7471B			568203	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	569987	HNC4	ELLE	10/31/24 07:57
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:28

Client Sample ID: SB-109_4-5
Date Collected: 10/17/24 11:00
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567419	UVJN	ELLE	10/24/24 11:06

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-109_4-5
Date Collected: 10/17/24 11:00
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-55
Matrix: Solid
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035	RA		566497	UK3O	ELLE	10/22/24 17:02
Total/NA	Analysis	8260D	RA	1	567264	ULCP	ELLE	10/24/24 15:47
Total/NA	Prep	5035			566497	UK3O	ELLE	10/22/24 17:02
Total/NA	Analysis	8260D		1	568235	ULCP	ELLE	10/26/24 19:40
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 13:44
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 20:37
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 20:39
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		100	570572	T8CQ	ELLE	11/01/24 21:15
Total/NA	Prep	7471B			568203	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	569987	HNC4	ELLE	10/31/24 07:55
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:29

Client Sample ID: SB-108_0-1
Date Collected: 10/17/24 11:40
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-108_0-1
Date Collected: 10/17/24 11:40
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-56
Matrix: Solid
Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		5	1004745	DAN	EET EDI	11/01/24 17:30
Total/NA	Prep	3050B			568764	UAMX	ELLE	10/28/24 22:00
Total/NA	Analysis	6020B		2	570050	LHF4	ELLE	10/31/24 08:56
Total/NA	Prep	3050B			568764	UAMX	ELLE	10/28/24 22:00
Total/NA	Analysis	6020B		10	570050	LHF4	ELLE	10/31/24 08:58
Total/NA	Prep	7471B			568784	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		1	569527	HNC4	ELLE	10/30/24 08:53
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:31

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-108_4-5
Date Collected: 10/17/24 11:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-108_4-5
Date Collected: 10/17/24 11:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-57
Matrix: Solid
Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			566497	UK3O	ELLE	10/22/24 17:02
Total/NA	Analysis	8260D		1	567264	ULCP	ELLE	10/24/24 16:10
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 12:34
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 21:32
Total/NA	Prep	7471B			568784	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		1	569527	HNC4	ELLE	10/30/24 08:49
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:32

Client Sample ID: SB-108_16-18
Date Collected: 10/17/24 11:50
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-108_16-18
Date Collected: 10/17/24 11:50
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-58
Matrix: Solid
Percent Solids: 71.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		5	1004745	DAN	EET EDI	11/01/24 18:04
Total/NA	Prep	3050B			568775	UJL8	ELLE	10/29/24 06:30
Total/NA	Analysis	6020B		2	572665	T8CQ	ELLE	11/07/24 20:23
Total/NA	Prep	3050B			568775	UJL8	ELLE	10/29/24 06:30
Total/NA	Analysis	6020B		10	572665	T8CQ	ELLE	11/07/24 20:25
Total/NA	Prep	7471B			568784	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		25	569527	HNC4	ELLE	10/30/24 10:26
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:33

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-111_0-1
Date Collected: 10/17/24 13:40
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-111_0-1
Date Collected: 10/17/24 13:40
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-59
Matrix: Solid
Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 15:28
Total/NA	Prep	3546			567521	MD4W	ELLE	10/24/24 15:55
Total/NA	Analysis	8082A		1	568150	M6UH	ELLE	10/25/24 22:44
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 21:07
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 21:09
Total/NA	Prep	7471B			568784	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		1	569527	HNC4	ELLE	10/30/24 08:27
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:35

Client Sample ID: SB-111_4-5
Date Collected: 10/17/24 13:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-111_4-5
Date Collected: 10/17/24 13:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-60
Matrix: Solid
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			566497	UK3O	ELLE	10/22/24 17:02
Total/NA	Analysis	8260D		1	567264	ULCP	ELLE	10/24/24 14:39
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 14:36
Total/NA	Prep	3546			567521	MD4W	ELLE	10/24/24 15:55
Total/NA	Analysis	8082A		1	568150	M6UH	ELLE	10/25/24 22:33
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 19:15
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 19:17
Total/NA	Prep	7471B			568783	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		1	570368	HNC4	ELLE	11/01/24 08:56

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-111_4-5
Date Collected: 10/17/24 13:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-60
Matrix: Solid
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			569618	NLE3	ELLE	10/30/24 15:45 - 10/30/24 17:30 [1]
Total/NA	Analysis	9012B		1	569851	UJE2	ELLE	10/30/24 20:05

Client Sample ID: FB-02_20241017
Date Collected: 10/17/24 12:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-61
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	568379	JS6E	ELLE	10/27/24 23:25
Total/NA	Prep	3510C			566462	QJZ6	ELLE	10/22/24 15:21
Total/NA	Analysis	8270E		1	566985	W6ZA	ELLE	10/24/24 06:50
Total Recoverable	Prep	3005A			565692	UJL8	ELLE	10/22/24 07:25
Total Recoverable	Analysis	6020B		1	569591	F7JF	ELLE	10/30/24 13:06
Total/NA	Prep	7470A			566194	UAMX	ELLE	10/30/24 23:00
Total/NA	Analysis	7470A		1	570203	X3ZX	ELLE	10/31/24 17:57
Total/NA	Prep	9012B			569036	UJE2	ELLE	10/29/24 09:10 - 10/29/24 10:55 [1]
Total/NA	Analysis	9012B		1	569682	UJE2	ELLE	10/29/24 19:49

Client Sample ID: FD-03_20241017
Date Collected: 10/17/24 00:00
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-62
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: FD-03_20241017
Date Collected: 10/17/24 00:00
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-62
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		5	1004745	DAN	EET EDI	11/01/24 17:47
Total/NA	Prep	3546			567521	MD4W	ELLE	10/24/24 15:55
Total/NA	Analysis	8082A		1	568150	M6UH	ELLE	10/25/24 22:55
Total/NA	Prep	3050B			568204	UAMX	ELLE	10/26/24 04:11
Total/NA	Analysis	6020B		2	570169	T8CQ	ELLE	10/31/24 20:33
Total/NA	Prep	3050B			568204	UAMX	ELLE	10/26/24 04:11
Total/NA	Analysis	6020B		10	570169	T8CQ	ELLE	10/31/24 20:35
Total/NA	Prep	7471B			568784	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		1	569527	HNC4	ELLE	10/30/24 08:45
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:36

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-112_0-1
Date Collected: 10/17/24 14:40
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-112_0-1
Date Collected: 10/17/24 14:40
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-63
Matrix: Solid
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 15:45
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 20:45
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 20:47
Total/NA	Prep	7471B			568784	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		1	569527	HNC4	ELLE	10/30/24 08:25
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:36

Client Sample ID: SB-112_4-5
Date Collected: 10/17/24 14:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-112_4-5
Date Collected: 10/17/24 14:45
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-64
Matrix: Solid
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			566497	UK3O	ELLE	10/22/24 17:02
Total/NA	Analysis	8260D		1	567264	ULCP	ELLE	10/24/24 16:33
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 12:52
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 21:28
Total/NA	Prep	7471B			568784	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		1	569527	HNC4	ELLE	10/30/24 08:28
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:36

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-116_0-1
Date Collected: 10/17/24 15:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-65
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-116_0-1
Date Collected: 10/17/24 15:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-65
Matrix: Solid
Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			570112	MD4W	ELLE	10/31/24 16:10
Total/NA	Analysis	8270E		1	583204	SJ89	ELLE	12/07/24 03:03
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 20:59
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 21:01
Total/NA	Prep	7471B			568784	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		1	569527	HNC4	ELLE	10/30/24 08:44
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:40

Client Sample ID: SB-116_4-5
Date Collected: 10/17/24 15:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-66
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	566656	UVJN	ELLE	10/23/24 06:21

Client Sample ID: SB-116_4-5
Date Collected: 10/17/24 15:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-66
Matrix: Solid
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			566497	UK3O	ELLE	10/22/24 17:02
Total/NA	Analysis	8260D		1	567264	ULCP	ELLE	10/24/24 16:55
Total/NA	Prep	5035	RA		566497	UK3O	ELLE	10/22/24 17:02
Total/NA	Analysis	8260D	RA	1	568235	ULCP	ELLE	10/26/24 19:17
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 17:12
Total/NA	Prep	3050B			567320	UAMX	ELLE	10/25/24 20:30
Total/NA	Analysis	6020B		2	570460	LHF4	ELLE	11/01/24 11:32
Total/NA	Prep	7471B			567722	UJL8	ELLE	10/25/24 06:19
Total/NA	Analysis	7471B		1	571483	X3ZX	ELLE	11/05/24 08:13
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:40

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-117_0-1
Date Collected: 10/18/24 08:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-117_0-1
Date Collected: 10/18/24 08:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-67
Matrix: Solid
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 13:27
Total/NA	Prep	5035			566500	UK3O	ELLE	10/22/24 17:14
Total/NA	Analysis	8015D		100	566681	WJ7F	ELLE	10/23/24 19:06
Total/NA	Prep	3546			567582	MD4W	ELLE	10/24/24 17:20
Total/NA	Analysis	8015D		2	568618	IUSB	ELLE	10/28/24 17:02
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570792	LHF4	ELLE	11/03/24 16:31
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 21:11
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 21:13
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		100	570572	T8CQ	ELLE	11/01/24 21:44
Total/NA	Prep	7471B			569238	UAMX	ELLE	10/29/24 21:50
Total/NA	Analysis	7471B		1	570643	HNC4	ELLE	11/02/24 11:51
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:41

Client Sample ID: SB-117_4-5
Date Collected: 10/18/24 08:25
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-68
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-117_4-5
Date Collected: 10/18/24 08:25
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-68
Matrix: Solid
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			566497	UK3O	ELLE	10/22/24 17:02
Total/NA	Analysis	8260D		1	567264	ULCP	ELLE	10/24/24 17:18
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 16:20
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 21:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-117_4-5 — Lab Sample ID: 410-192708-68

Date Collected: 10/18/24 08:25 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 81.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			568203	UAMX	ELLE	10/29/24 23:20
Total/NA	Analysis	7471B		1	569987	HNC4	ELLE	10/31/24 07:59
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:44

Client Sample ID: SB-118_0-1 — Lab Sample ID: 410-192708-69

Date Collected: 10/18/24 09:15 — **Matrix: Solid**
Date Received: 10/18/24 15:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	566656	UVJN	ELLE	10/23/24 06:21

Client Sample ID: SB-118_0-1 — Lab Sample ID: 410-192708-69

Date Collected: 10/18/24 09:15 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 94.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 16:03
Total/NA	Prep	5035			566500	UK3O	ELLE	10/22/24 17:14
Total/NA	Analysis	8015D		100	567229	WJ7F	ELLE	10/24/24 23:26
Total/NA	Prep	3546			567582	MD4W	ELLE	10/24/24 17:20
Total/NA	Analysis	8015D		5	568618	IUSB	ELLE	10/28/24 17:22
Total/NA	Prep	3050B			567714	UAMX	ELLE	10/25/24 20:30
Total/NA	Analysis	6020B		2	569090	F7JF	ELLE	10/29/24 12:28
Total/NA	Prep	7471B			567722	UJL8	ELLE	10/25/24 06:19
Total/NA	Analysis	7471B		1	571483	X3ZX	ELLE	11/05/24 07:28
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:25

Client Sample ID: SB-118_4-5 — Lab Sample ID: 410-192708-70

Date Collected: 10/18/24 09:20 — **Matrix: Solid**
Date Received: 10/18/24 15:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-118_4-5 — Lab Sample ID: 410-192708-70

Date Collected: 10/18/24 09:20 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 83.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			566497	UK3O	ELLE	10/22/24 17:02
Total/NA	Analysis	8260D		1	567264	ULCP	ELLE	10/24/24 17:41
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 14:01

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-118_4-5
Date Collected: 10/18/24 09:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-70
Matrix: Solid
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 21:40
Total/NA	Prep	7471B			568784	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		1	569527	HNC4	ELLE	10/30/24 08:51
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:44

Client Sample ID: SB-119_0-1
Date Collected: 10/18/24 10:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-71
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-119_0-1
Date Collected: 10/18/24 10:15
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-71
Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 20:24
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 16:55
Total/NA	Prep	3050B			568204	UAMX	ELLE	10/26/24 04:11
Total/NA	Analysis	6020B		2	570169	T8CQ	ELLE	10/31/24 20:25
Total/NA	Prep	3050B			568204	UAMX	ELLE	10/26/24 04:11
Total/NA	Analysis	6020B		10	570169	T8CQ	ELLE	10/31/24 20:27
Total/NA	Prep	3050B			568204	UAMX	ELLE	10/26/24 04:11
Total/NA	Analysis	6020B		100	570169	T8CQ	ELLE	10/31/24 20:37
Total/NA	Prep	7471B			568784	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		1	569527	HNC4	ELLE	10/30/24 08:36
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:45

Client Sample ID: SB-119_4-5
Date Collected: 10/18/24 10:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-72
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: SB-119_4-5
Date Collected: 10/18/24 10:20
Date Received: 10/18/24 15:58

Lab Sample ID: 410-192708-72
Matrix: Solid
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			566497	UK3O	ELLE	10/22/24 17:02
Total/NA	Analysis	8260D		1	567264	ULCP	ELLE	10/24/24 18:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SB-119_4-5 — Lab Sample ID: 410-192708-72

Date Collected: 10/18/24 10:20 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 84.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1004662	GXY	EET EDI	10/31/24 21:25
Total/NA	Analysis	8270E		1	1004745	DAN	EET EDI	11/01/24 14:19
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		2	570572	T8CQ	ELLE	11/01/24 21:36
Total/NA	Prep	3050B			568392	UAMX	ELLE	10/27/24 19:16
Total/NA	Analysis	6020B		10	570572	T8CQ	ELLE	11/01/24 21:38
Total/NA	Prep	7471B			568784	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		1	569527	HNC4	ELLE	10/30/24 08:47
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:45

Client Sample ID: FD-04_20241018 — Lab Sample ID: 410-192708-73

Date Collected: 10/18/24 00:00 — **Matrix: Solid**
Date Received: 10/18/24 15:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	567861	UGCW	ELLE	10/25/24 09:49

Client Sample ID: FD-04_20241018 — Lab Sample ID: 410-192708-73

Date Collected: 10/18/24 00:00 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 93.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			568204	UAMX	ELLE	10/26/24 04:11
Total/NA	Analysis	6020B		2	570169	T8CQ	ELLE	10/31/24 20:29
Total/NA	Prep	7471B			568784	UAMX	ELLE	10/28/24 23:00
Total/NA	Analysis	7471B		1	569527	HNC4	ELLE	10/30/24 08:38
Total/NA	Prep	9012B			569664	NLE3	ELLE	10/30/24 18:45 - 10/30/24 20:30 [1]
Total/NA	Analysis	9012B		1	570319	UJE2	ELLE	10/31/24 20:48

Client Sample ID: FB-04_20241018 — Lab Sample ID: 410-192708-74

Date Collected: 10/18/24 11:00 — **Matrix: Water**
Date Received: 10/18/24 15:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			565692	UJL8	ELLE	10/22/24 07:25
Total Recoverable	Analysis	6020B		1	569591	F7JF	ELLE	10/30/24 13:08
Total/NA	Prep	7470A			566196	UJL8	ELLE	10/24/24 04:35
Total/NA	Analysis	7470A		1	569305	X3ZX	ELLE	10/29/24 17:01
Total/NA	Prep	9012B			569508	UJE2	ELLE	10/30/24 10:00 - 10/30/24 11:45 [1]
Total/NA	Analysis	9012B		1	569851	UJE2	ELLE	10/30/24 19:37

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: TB-04_20241018
Lab Sample ID: 410-192708-75

Date Collected: 10/18/24 00:00
Date Received: 10/18/24 15:58
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	568379	JS6E	ELLE	10/27/24 22:06

Client Sample ID: MW-15_20241024
Lab Sample ID: 410-192708-76

Date Collected: 10/24/24 15:40
Date Received: 10/25/24 18:12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	571635	Y6ZN	ELLE	11/06/24 01:16
Total/NA	Prep	3510C			1004671	JMS	EET EDI	10/31/24 19:46
Total/NA	Analysis	8270E		1	1004707	DXD	EET EDI	11/01/24 09:05
Total/NA	Prep	3510C			570251	QJZ6	ELLE	11/01/24 07:26
Total/NA	Analysis	8082A		1	570867	M6UH	ELLE	11/04/24 22:39
Total Recoverable	Prep	3005A			569431	UAMX	ELLE	11/03/24 21:00
Total Recoverable	Analysis	6020B		1	571255	F7JF	ELLE	11/04/24 22:31
Total/NA	Prep	7470A			569501	UJL8	ELLE	10/30/24 10:55
Total/NA	Analysis	7470A		1	572425	X3ZX	ELLE	11/07/24 10:54

Client Sample ID: FB-05_20241024
Lab Sample ID: 410-192708-77

Date Collected: 10/24/24 14:15
Date Received: 10/25/24 18:12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	571635	Y6ZN	ELLE	11/05/24 21:04
Total/NA	Prep	3510C			1004671	JMS	EET EDI	10/31/24 19:46
Total/NA	Analysis	8270E		1	1004707	DXD	EET EDI	11/01/24 09:26
Total/NA	Prep	3510C			570251	QJZ6	ELLE	11/01/24 07:26
Total/NA	Analysis	8082A		1	570867	M6UH	ELLE	11/04/24 22:50
Total Recoverable	Prep	3005A			569414	UAMX	ELLE	10/30/24 21:00
Total Recoverable	Analysis	6020B		1	571257	F7JF	ELLE	11/04/24 23:09
Total/NA	Prep	7470A			569503	UJL8	ELLE	11/07/24 07:50
Total/NA	Analysis	7470A		1	573173	X3ZX	ELLE	11/08/24 15:54

Client Sample ID: TB-05_20241024
Lab Sample ID: 410-192708-78

Date Collected: 10/24/24 00:00
Date Received: 10/25/24 18:12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	571635	Y6ZN	ELLE	11/05/24 21:23

Client Sample ID: EB-01_20241024
Lab Sample ID: 410-192708-79

Date Collected: 10/24/24 16:30
Date Received: 10/25/24 18:12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	571635	Y6ZN	ELLE	11/05/24 21:43

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: EB-01_20241024
Date Collected: 10/24/24 16:30
Date Received: 10/25/24 18:12

Lab Sample ID: 410-192708-79
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			1004671	JMS	EET EDI	10/31/24 19:46
Total/NA	Analysis	8270E		1	1004707	DXD	EET EDI	11/01/24 09:47
Total/NA	Prep	3510C			570251	QJZ6	ELLE	11/01/24 07:26
Total/NA	Analysis	8082A		1	570867	M6UH	ELLE	11/04/24 23:00
Total Recoverable	Prep	3005A			569417	UAMX	ELLE	10/31/24 20:30
Total Recoverable	Analysis	6020B		1	571257	F7JF	ELLE	11/05/24 02:53
Total/NA	Prep	7470A			569503	UJL8	ELLE	11/07/24 07:50
Total/NA	Analysis	7470A		1	573173	X3ZX	ELLE	11/08/24 15:49

Client Sample ID: MW-14_20241025
Date Collected: 10/25/24 09:50
Date Received: 10/25/24 18:12

Lab Sample ID: 410-192708-80
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	571635	Y6ZN	ELLE	11/06/24 01:36
Total/NA	Prep	3510C			1004671	JMS	EET EDI	10/31/24 19:46
Total/NA	Analysis	8270E		1	1004707	DXD	EET EDI	11/01/24 10:08
Total/NA	Prep	3510C			570251	QJZ6	ELLE	11/01/24 07:26
Total/NA	Analysis	8082A		1	570867	M6UH	ELLE	11/04/24 23:11
Total Recoverable	Prep	3005A			569417	UAMX	ELLE	10/31/24 20:30
Total Recoverable	Analysis	6020B		1	571257	F7JF	ELLE	11/05/24 02:51
Total/NA	Prep	7470A			569503	UJL8	ELLE	11/07/24 07:50
Total/NA	Analysis	7470A		1	573173	X3ZX	ELLE	11/08/24 15:56

Client Sample ID: FD-05_20241025
Date Collected: 10/25/24 00:00
Date Received: 10/25/24 18:12

Lab Sample ID: 410-192708-81
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	571635	Y6ZN	ELLE	11/06/24 01:56
Total/NA	Prep	3510C			1004671	JMS	EET EDI	10/31/24 19:46
Total/NA	Analysis	8270E		1	1004707	DXD	EET EDI	11/01/24 10:29
Total/NA	Prep	3510C			570251	QJZ6	ELLE	11/01/24 07:26
Total/NA	Analysis	8082A		1	570867	M6UH	ELLE	11/04/24 23:42
Total Recoverable	Prep	3005A			569417	UAMX	ELLE	10/31/24 20:30
Total Recoverable	Analysis	6020B		1	571257	F7JF	ELLE	11/05/24 02:49
Total/NA	Prep	7470A			569503	UJL8	ELLE	11/07/24 07:50
Total/NA	Analysis	7470A		1	573173	X3ZX	ELLE	11/08/24 15:58

Client Sample ID: MW-10_20241028
Date Collected: 10/28/24 10:20
Date Received: 10/29/24 17:15

Lab Sample ID: 410-192708-82
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	571635	Y6ZN	ELLE	11/06/24 02:15

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-10_20241028
Date Collected: 10/28/24 10:20
Date Received: 10/29/24 17:15

Lab Sample ID: 410-192708-82
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			1004671	JMS	EET EDI	10/31/24 19:46
Total/NA	Analysis	8270E		1	1004707	DXD	EET EDI	11/01/24 10:50
Total/NA	Prep	3510C			570251	QJZ6	ELLE	11/01/24 07:26
Total/NA	Analysis	8082A		1	570867	M6UH	ELLE	11/04/24 23:53
Total Recoverable	Prep	3005A			570686	UJL8	ELLE	11/03/24 04:59
Total Recoverable	Analysis	6020B		1	573416	LHF4	ELLE	11/10/24 13:08
Total Recoverable	Prep	3005A			570686	UJL8	ELLE	11/03/24 04:59
Total Recoverable	Analysis	6020B		1	578220	LHF4	ELLE	11/21/24 15:59
Total Recoverable	Prep	3005A			570686	UJL8	ELLE	11/03/24 04:59
Total Recoverable	Analysis	6020B		10	578220	LHF4	ELLE	11/21/24 16:01
Total/NA	Prep	7470A			571458	UAMX	ELLE	11/05/24 23:00
Total/NA	Analysis	7470A		1	572196	X3ZX	ELLE	11/06/24 16:57

Client Sample ID: MW-08_20241028
Date Collected: 10/28/24 11:30
Date Received: 10/29/24 17:15

Lab Sample ID: 410-192708-83
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	571635	Y6ZN	ELLE	11/05/24 22:22
Total/NA	Prep	3510C			1004671	JMS	EET EDI	10/31/24 19:46
Total/NA	Analysis	8270E		1	1004707	DXD	EET EDI	11/01/24 08:02
Total/NA	Prep	3510C			570251	QJZ6	ELLE	11/01/24 07:26
Total/NA	Analysis	8082A		1	571386	M6UH	ELLE	11/05/24 16:59
Total Recoverable	Prep	3005A			570686	UJL8	ELLE	11/03/24 04:59
Total Recoverable	Analysis	6020B		1	573416	LHF4	ELLE	11/10/24 12:39
Total Recoverable	Prep	3005A			570686	UJL8	ELLE	11/03/24 04:59
Total Recoverable	Analysis	6020B		1	578220	LHF4	ELLE	11/21/24 15:06
Total/NA	Prep	7470A			571453	UJL8	ELLE	11/10/24 05:30
Total/NA	Analysis	7470A		1	573643	HNC4	ELLE	11/11/24 11:31

Client Sample ID: MW-07_20241028
Date Collected: 10/28/24 15:00
Date Received: 10/29/24 17:15

Lab Sample ID: 410-192708-84
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	571635	Y6ZN	ELLE	11/05/24 23:20
Total/NA	Prep	3510C			1004671	JMS	EET EDI	10/31/24 19:46
Total/NA	Analysis	8270E		1	1004707	DXD	EET EDI	11/01/24 11:11
Total/NA	Prep	3510C			570251	QJZ6	ELLE	11/01/24 07:26
Total/NA	Analysis	8082A		1	570867	M6UH	ELLE	11/05/24 00:03
Total Recoverable	Prep	3005A			570686	UJL8	ELLE	11/03/24 04:59
Total Recoverable	Analysis	6020B		1	573416	LHF4	ELLE	11/10/24 13:12
Total Recoverable	Prep	3005A			570686	UJL8	ELLE	11/03/24 04:59
Total Recoverable	Analysis	6020B		1	578220	LHF4	ELLE	11/21/24 16:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-07_20241028
Lab Sample ID: 410-192708-84
Date Collected: 10/28/24 15:00
Matrix: Water
Date Received: 10/29/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			571458	UAMX	ELLE	11/05/24 23:00
Total/NA	Analysis	7470A		1	572196	X3ZX	ELLE	11/06/24 16:50

Client Sample ID: MW-06_20241028
Lab Sample ID: 410-192708-85
Date Collected: 10/28/24 13:30
Matrix: Water
Date Received: 10/29/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	571635	Y6ZN	ELLE	11/06/24 02:35
Total/NA	Prep	3510C			1004671	JMS	EET EDI	10/31/24 19:46
Total/NA	Analysis	8270E		1	1004707	DXD	EET EDI	11/01/24 11:32
Total/NA	Prep	3510C			570251	QJZ6	ELLE	11/01/24 07:26
Total/NA	Analysis	8082A		1	570867	M6UH	ELLE	11/05/24 00:14
Total Recoverable	Prep	3005A			570686	UJL8	ELLE	11/03/24 04:59
Total Recoverable	Analysis	6020B		1	573416	LHF4	ELLE	11/10/24 13:26
Total Recoverable	Prep	3005A			570686	UJL8	ELLE	11/03/24 04:59
Total Recoverable	Analysis	6020B		1	578220	LHF4	ELLE	11/21/24 16:25
Total Recoverable	Prep	3005A			570686	UJL8	ELLE	11/03/24 04:59
Total Recoverable	Analysis	6020B		10	578220	LHF4	ELLE	11/21/24 16:27
Total/NA	Prep	7470A			571458	UAMX	ELLE	11/05/24 23:00
Total/NA	Analysis	7470A		1	572196	X3ZX	ELLE	11/06/24 16:42

Client Sample ID: TB-06_20241028
Lab Sample ID: 410-192708-86
Date Collected: 10/28/24 00:00
Matrix: Water
Date Received: 10/29/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	571635	Y6ZN	ELLE	11/05/24 22:02

Client Sample ID: MW-09_20241029
Lab Sample ID: 410-192708-87
Date Collected: 10/29/24 09:20
Matrix: Water
Date Received: 10/29/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	573975	DVW2	ELLE	11/12/24 15:06
Total/NA	Prep	3510C			571134	QJZ6	ELLE	11/04/24 15:37
Total/NA	Analysis	8270E		1	574891	WH7Z	ELLE	11/14/24 11:50

Client Sample ID: MW-13_20241030
Lab Sample ID: 410-192708-88
Date Collected: 10/30/24 09:15
Matrix: Water
Date Received: 10/31/24 18:07

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574052	DVW2	ELLE	11/12/24 16:20

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-13_20241030 — Lab Sample ID: 410-192708-88

Date Collected: 10/30/24 09:15
Date Received: 10/31/24 18:07
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			1005521	OTS	EET EDI	11/06/24 10:26
Total/NA	Analysis	8270E		1	1005653	MME	EET EDI	11/07/24 02:12
Total/NA	Prep	3510C			572786	QKX3	ELLE	11/08/24 08:00
Total/NA	Analysis	8082A		1	573060	M6UH	ELLE	11/08/24 18:30
Total Recoverable	Prep	3005A			572450	UAMX	ELLE	11/11/24 20:30
Total Recoverable	Analysis	6020B		1	580589	F7JF	ELLE	11/29/24 10:12
Total Recoverable	Prep	3005A			572450	UAMX	ELLE	11/11/24 20:30
Total Recoverable	Analysis	6020B		1	575396	LHF4	ELLE	11/14/24 18:19
Total/NA	Prep	7470A			572804	UJL8	ELLE	11/12/24 07:30
Total/NA	Analysis	7470A		1	575196	HNC4	ELLE	11/14/24 09:49

Client Sample ID: TB-07_20241030 — Lab Sample ID: 410-192708-89

Date Collected: 10/30/24 00:00
Date Received: 10/31/24 18:07
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574052	DVW2	ELLE	11/12/24 14:50

Client Sample ID: MW-03_20241030 — Lab Sample ID: 410-192708-90

Date Collected: 10/30/24 10:45
Date Received: 10/31/24 18:07
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		50	573975	DVW2	ELLE	11/12/24 16:24
Total/NA	Prep	3510C			1005521	OTS	EET EDI	11/06/24 10:49
Total/NA	Analysis	8270E		1	1005653	MME	EET EDI	11/07/24 02:33
Total/NA	Prep	3510C			572786	QKX3	ELLE	11/08/24 08:00
Total/NA	Analysis	8082A		1	573060	M6UH	ELLE	11/08/24 19:05
Total Recoverable	Prep	3005A			572449	UAMX	ELLE	11/11/24 20:30
Total Recoverable	Analysis	6020B		1	576344	F7JF	ELLE	11/18/24 13:29
Total Recoverable	Prep	3005A			572449	UAMX	ELLE	11/11/24 20:30
Total Recoverable	Analysis	6020B		5	576344	F7JF	ELLE	11/18/24 13:31
Total Recoverable	Prep	3005A			572449	UAMX	ELLE	11/11/24 20:30
Total Recoverable	Analysis	6020B		1	575396	LHF4	ELLE	11/14/24 16:51
Total/NA	Prep	7470A			572804	UJL8	ELLE	11/12/24 07:30
Total/NA	Analysis	7470A		1	575196	HNC4	ELLE	11/14/24 11:07

Client Sample ID: MW-11_20241030 — Lab Sample ID: 410-192708-91

Date Collected: 10/30/24 14:25
Date Received: 10/31/24 18:07
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	573975	DVW2	ELLE	11/12/24 15:25
Total/NA	Prep	3510C			1005521	OTS	EET EDI	11/06/24 10:49
Total/NA	Analysis	8270E		1	1005653	MME	EET EDI	11/07/24 02:54

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-11_20241030

Lab Sample ID: 410-192708-91
Date Collected: 10/30/24 14:25
Matrix: Water
Date Received: 10/31/24 18:07

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			572786	QKX3	ELLE	11/08/24 08:00
Total/NA	Analysis	8082A		1	573060	M6UH	ELLE	11/08/24 19:18
Total Recoverable	Prep	3005A			572450	UAMX	ELLE	11/11/24 20:30
Total Recoverable	Analysis	6020B		1	580589	F7JF	ELLE	11/29/24 10:02
Total Recoverable	Prep	3005A			572450	UAMX	ELLE	11/11/24 20:30
Total Recoverable	Analysis	6020B		1	575396	LHF4	ELLE	11/14/24 17:53
Total/NA	Prep	7470A			572804	UJL8	ELLE	11/12/24 07:30
Total/NA	Analysis	7470A		1	575196	HNC4	ELLE	11/14/24 11:25

Client Sample ID: MW-12_20241030

Lab Sample ID: 410-192708-92
Date Collected: 10/30/24 16:20
Matrix: Water
Date Received: 10/31/24 18:07

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	573975	DVW2	ELLE	11/12/24 15:45
Total/NA	Prep	3510C			1005521	OTS	EET EDI	11/06/24 10:49
Total/NA	Analysis	8270E		1	1005653	MME	EET EDI	11/07/24 03:15
Total/NA	Prep	3510C			572786	QKX3	ELLE	11/08/24 08:00
Total/NA	Analysis	8082A		1	573060	M6UH	ELLE	11/08/24 19:30
Total Recoverable	Prep	3005A			572452	UJL8	ELLE	11/08/24 07:00
Total Recoverable	Analysis	6020B		1	575740	F7JF	ELLE	11/15/24 13:04
Total Recoverable	Prep	3005A			572452	UJL8	ELLE	11/08/24 07:00
Total Recoverable	Analysis	6020B		1	578861	F7JF	ELLE	11/24/24 10:20
Total/NA	Prep	7470A			572804	UJL8	ELLE	11/12/24 07:30
Total/NA	Analysis	7470A		1	575196	HNC4	ELLE	11/14/24 11:28

Client Sample ID: MW-04_20241031

Lab Sample ID: 410-192708-93
Date Collected: 10/31/24 12:00
Matrix: Water
Date Received: 10/31/24 18:07

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	574400	TQ4J	ELLE	11/13/24 11:38
Total/NA	Prep	3510C			1005521	OTS	EET EDI	11/06/24 10:49
Total/NA	Analysis	8270E		1	1005653	MME	EET EDI	11/07/24 03:36
Total/NA	Prep	3510C			572786	QKX3	ELLE	11/08/24 08:00
Total/NA	Analysis	8082A		1	573060	M6UH	ELLE	11/08/24 19:42
Total Recoverable	Prep	3005A			572452	UJL8	ELLE	11/08/24 07:00
Total Recoverable	Analysis	6020B		1	575740	F7JF	ELLE	11/15/24 13:08
Total Recoverable	Prep	3005A			572452	UJL8	ELLE	11/08/24 07:00
Total Recoverable	Analysis	6020B		1	578861	F7JF	ELLE	11/24/24 10:22
Total/NA	Prep	7470A			572804	UJL8	ELLE	11/12/24 07:30
Total/NA	Analysis	7470A		1	575196	HNC4	ELLE	11/14/24 11:23

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SED-01_0-1_20241101 — Lab Sample ID: 410-192708-94

Date Collected: 11/01/24 10:15
Date Received: 11/01/24 16:25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			576173	M98K	ELLE	11/18/24 08:28
Soluble	Analysis	9045D		1	576247	M98K	ELLE	11/18/24 10:45
Total/NA	Analysis	Moisture		1	571896	UGCW	ELLE	11/06/24 09:26

Client Sample ID: SED-01_0-1_20241101 — Lab Sample ID: 410-192708-94

Date Collected: 11/01/24 10:15
Date Received: 11/01/24 16:25
Matrix: Solid
Percent Solids: 39.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1005404	GXY	EET EDI	11/05/24 20:15
Total/NA	Analysis	8270E		1	1005444	MDJ	EET EDI	11/06/24 11:33
Total/NA	Prep	3546			573338	JDJ2	ELLE	11/10/24 14:39
Total/NA	Analysis	8082A		1	573654	A2VL	ELLE	11/11/24 15:09
Total/NA	Prep	3050B			571734	UJL8	ELLE	11/10/24 03:39
Total/NA	Analysis	6020B		2	574185	LHF4	ELLE	11/12/24 11:08
Total/NA	Prep	3050B			571734	UJL8	ELLE	11/10/24 03:39
Total/NA	Analysis	6020B		10	574185	LHF4	ELLE	11/12/24 11:11
Total/NA	Prep	7471B			572148	UAMX	ELLE	11/06/24 22:30
Total/NA	Analysis	7471B		1	572902	HNC4	ELLE	11/08/24 06:14
Total/NA	Analysis	Lloyd Kahn		1	574276	P684	ELLE	11/12/24 10:34

Client Sample ID: SED-02_0-1_20241101 — Lab Sample ID: 410-192708-95

Date Collected: 11/01/24 10:50
Date Received: 11/01/24 16:25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			576173	M98K	ELLE	11/18/24 08:28
Soluble	Analysis	9045D		1	576247	M98K	ELLE	11/18/24 10:45
Total/NA	Analysis	Moisture		1	571896	UGCW	ELLE	11/06/24 09:26

Client Sample ID: SED-02_0-1_20241101 — Lab Sample ID: 410-192708-95

Date Collected: 11/01/24 10:50
Date Received: 11/01/24 16:25
Matrix: Solid
Percent Solids: 75.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1005404	GXY	EET EDI	11/05/24 20:15
Total/NA	Analysis	8270E		1	1005444	MDJ	EET EDI	11/06/24 08:05
Total/NA	Prep	3546			573338	JDJ2	ELLE	11/10/24 14:39
Total/NA	Analysis	8082A		1	573654	A2VL	ELLE	11/11/24 15:21
Total/NA	Prep	3050B			576498	UAMX	ELLE	11/18/24 21:00
Total/NA	Analysis	6020B		2	577105	LHF4	ELLE	11/19/24 14:55
Total/NA	Prep	3050B			576498	UAMX	ELLE	11/18/24 21:00
Total/NA	Analysis	6020B		2	577644	LHF4	ELLE	11/20/24 16:46
Total/NA	Prep	7471B			572918	UAMX	ELLE	11/11/24 23:50
Total/NA	Analysis	7471B		1	575021	X3ZX	ELLE	11/14/24 07:03

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SED-02_0-1_20241101 — Lab Sample ID: 410-192708-95

Date Collected: 11/01/24 10:50 — **Matrix: Solid**
Date Received: 11/01/24 16:25 — **Percent Solids: 75.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Lloyd Kahn		1	574276	P684	ELLE	11/12/24 10:45

Client Sample ID: SED-03_0-1_20241101 — Lab Sample ID: 410-192708-96

Date Collected: 11/01/24 12:30 — **Matrix: Solid**
Date Received: 11/01/24 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			576173	M98K	ELLE	11/18/24 08:28
Soluble	Analysis	9045D		1	576247	M98K	ELLE	11/18/24 10:45
Total/NA	Analysis	Moisture		1	571896	UGCW	ELLE	11/06/24 09:26

Client Sample ID: SED-03_0-1_20241101 — Lab Sample ID: 410-192708-96

Date Collected: 11/01/24 12:30 — **Matrix: Solid**
Date Received: 11/01/24 16:25 — **Percent Solids: 67.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1005404	GXY	EET EDI	11/05/24 20:15
Total/NA	Analysis	8270E		1	1005444	MDJ	EET EDI	11/06/24 08:57
Total/NA	Prep	3546			573338	JDJ2	ELLE	11/10/24 14:39
Total/NA	Analysis	8082A		1	573654	A2VL	ELLE	11/11/24 15:33
Total/NA	Prep	3050B			571734	UJL8	ELLE	11/10/24 03:39
Total/NA	Analysis	6020B		2	574185	LHF4	ELLE	11/12/24 12:26
Total/NA	Prep	7471B			572918	UAMX	ELLE	11/11/24 23:50
Total/NA	Analysis	7471B		1	575021	X3ZX	ELLE	11/14/24 07:05
Total/NA	Analysis	Lloyd Kahn		1	574276	P684	ELLE	11/12/24 10:50

Client Sample ID: FD-06_20241101 — Lab Sample ID: 410-192708-97

Date Collected: 11/01/24 00:00 — **Matrix: Solid**
Date Received: 11/01/24 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			576173	M98K	ELLE	11/18/24 08:28
Soluble	Analysis	9045D		1	576247	M98K	ELLE	11/18/24 10:45
Total/NA	Analysis	Moisture		1	571896	UGCW	ELLE	11/06/24 09:26

Client Sample ID: FD-06_20241101 — Lab Sample ID: 410-192708-97

Date Collected: 11/01/24 00:00 — **Matrix: Solid**
Date Received: 11/01/24 16:25 — **Percent Solids: 73.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1005404	GXY	EET EDI	11/05/24 20:15
Total/NA	Analysis	8270E		1	1005444	MDJ	EET EDI	11/06/24 08:40
Total/NA	Prep	3546			573338	JDJ2	ELLE	11/10/24 14:39
Total/NA	Analysis	8082A		1	573654	A2VL	ELLE	11/11/24 15:45

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: FD-06_20241101
Date Collected: 11/01/24 00:00
Date Received: 11/01/24 16:25

Lab Sample ID: 410-192708-97
Matrix: Solid
Percent Solids: 73.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			571734	UJL8	ELLE	11/10/24 03:39
Total/NA	Analysis	6020B		2	574185	LHF4	ELLE	11/12/24 12:22
Total/NA	Prep	7471B			572923	UAMX	ELLE	11/13/24 20:50
Total/NA	Analysis	7471B		1	575609	HNC4	ELLE	11/15/24 08:50
Total/NA	Analysis	Lloyd Kahn		1	574276	P684	ELLE	11/12/24 10:53

Client Sample ID: SW-01_20241101
Date Collected: 11/01/24 10:05
Date Received: 11/01/24 16:25

Lab Sample ID: 410-192708-98
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			1005521	OTS	EET EDI	11/06/24 10:49
Total/NA	Analysis	8270E		1	1005653	MME	EET EDI	11/07/24 04:39
Total Recoverable	Prep	3005A			572452	UJL8	ELLE	11/08/24 07:00
Total Recoverable	Analysis	6020B		1	575740	F7JF	ELLE	11/15/24 12:32
Total Recoverable	Prep	3005A			572452	UJL8	ELLE	11/08/24 07:00
Total Recoverable	Analysis	6020B		1	578861	F7JF	ELLE	11/24/24 09:54
Total/NA	Prep	7470A			572804	UJL8	ELLE	11/12/24 07:30
Total/NA	Analysis	7470A		1	575196	HNC4	ELLE	11/14/24 10:56

Client Sample ID: SW-02_20241101
Date Collected: 11/01/24 10:50
Date Received: 11/01/24 16:25

Lab Sample ID: 410-192708-99
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			1005521	OTS	EET EDI	11/06/24 10:49
Total/NA	Analysis	8270E		1	1005653	MME	EET EDI	11/07/24 05:00
Total Recoverable	Prep	3005A			572452	UJL8	ELLE	11/08/24 07:00
Total Recoverable	Analysis	6020B		1	575740	F7JF	ELLE	11/15/24 12:24
Total Recoverable	Prep	3005A			572452	UJL8	ELLE	11/08/24 07:00
Total Recoverable	Analysis	6020B		1	578861	F7JF	ELLE	11/24/24 09:39
Total/NA	Prep	7470A			572804	UJL8	ELLE	11/12/24 07:30
Total/NA	Analysis	7470A		1	575196	HNC4	ELLE	11/14/24 10:54

Client Sample ID: EB-02_20241101
Date Collected: 11/01/24 09:00
Date Received: 11/01/24 16:25

Lab Sample ID: 410-192708-100
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			1005521	OTS	EET EDI	11/06/24 10:49
Total/NA	Analysis	8270E		1	1005653	MME	EET EDI	11/07/24 03:57
Total/NA	Prep	3510C			572786	QKX3	ELLE	11/08/24 08:00
Total/NA	Analysis	8082A		1	573060	M6UH	ELLE	11/08/24 19:54
Total Recoverable	Prep	3005A			572452	UJL8	ELLE	11/08/24 07:00
Total Recoverable	Analysis	6020B		1	575740	F7JF	ELLE	11/15/24 12:38

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: EB-02_20241101 — Lab Sample ID: 410-192708-100

Date Collected: 11/01/24 09:00
Date Received: 11/01/24 16:25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			572452	UJL8	ELLE	11/08/24 07:00
Total Recoverable	Analysis	6020B		1	578861	F7JF	ELLE	11/24/24 10:02
Total/NA	Prep	7470A			572804	UJL8	ELLE	11/12/24 07:30
Total/NA	Analysis	7470A		1	575196	HNC4	ELLE	11/14/24 10:58

Client Sample ID: FB-06_20241101 — Lab Sample ID: 410-192708-101

Date Collected: 11/01/24 09:10
Date Received: 11/01/24 16:25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			1005521	OTS	EET EDI	11/06/24 10:49
Total/NA	Analysis	8270E		1	1005653	MME	EET EDI	11/07/24 04:18
Total/NA	Prep	3510C			572786	QKX3	ELLE	11/08/24 08:00
Total/NA	Analysis	8082A		1	573060	M6UH	ELLE	11/08/24 20:05
Total Recoverable	Prep	3005A			572452	UJL8	ELLE	11/08/24 07:00
Total Recoverable	Analysis	6020B		1	575740	F7JF	ELLE	11/15/24 12:28
Total Recoverable	Prep	3005A			572452	UJL8	ELLE	11/08/24 07:00
Total Recoverable	Analysis	6020B		1	578861	F7JF	ELLE	11/24/24 09:50
Total/NA	Prep	7470A			572804	UJL8	ELLE	11/12/24 07:30
Total/NA	Analysis	7470A		1	575196	HNC4	ELLE	11/14/24 12:46
Total/NA	Analysis	5310 C-2014		1	571864	P684	ELLE	11/06/24 07:26

Client Sample ID: SED-04_0-1_20241104 — Lab Sample ID: 410-192708-102

Date Collected: 11/04/24 10:15
Date Received: 11/04/24 15:20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	571990	UVJN	ELLE	11/06/24 12:43

Client Sample ID: SED-04_0-1_20241104 — Lab Sample ID: 410-192708-102

Date Collected: 11/04/24 10:15
Date Received: 11/04/24 15:20
Matrix: Solid
Percent Solids: 51.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			576466	MD4W	ELLE	11/18/24 18:20
Total/NA	Analysis	8270E		1	577022	SJ89	ELLE	11/20/24 07:11
Total/NA	Prep	3546			574486	F8UG	ELLE	11/13/24 10:52
Total/NA	Analysis	8082A		1	575118	M6UH	ELLE	11/14/24 15:52
Total/NA	Prep	3050B			572697	UAMX	ELLE	11/08/24 20:00
Total/NA	Analysis	6020B		2	575733	LHF4	ELLE	11/15/24 14:20
Total/NA	Prep	3050B			572697	UAMX	ELLE	11/08/24 20:00
Total/NA	Analysis	6020B		2	576325	LHF4	ELLE	11/18/24 08:27
Total/NA	Prep	7471B			572918	UAMX	ELLE	11/11/24 23:50
Total/NA	Analysis	7471B		1	575021	X3ZX	ELLE	11/14/24 06:52
Total/NA	Analysis	Lloyd Kahn		1	575279	P684	ELLE	11/14/24 16:05

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SED-05_0-1_20241104 — Lab Sample ID: 410-192708-103

Date Collected: 11/04/24 10:00
Date Received: 11/04/24 15:20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	571990	UVJN	ELLE	11/06/24 12:43

Client Sample ID: SED-05_0-1_20241104 — Lab Sample ID: 410-192708-103

Date Collected: 11/04/24 10:00
Date Received: 11/04/24 15:20
Matrix: Solid
Percent Solids: 68.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			576466	MD4W	ELLE	11/18/24 18:20
Total/NA	Analysis	8270E		1	577172	TB8M	ELLE	11/20/24 18:25
Total/NA	Prep	3546			574486	F8UG	ELLE	11/13/24 10:52
Total/NA	Analysis	8082A		1	575118	M6UH	ELLE	11/14/24 16:04
Total/NA	Prep	3050B			572697	UAMX	ELLE	11/08/24 20:00
Total/NA	Analysis	6020B		2	575733	LHF4	ELLE	11/15/24 14:16
Total/NA	Prep	3050B			572697	UAMX	ELLE	11/08/24 20:00
Total/NA	Analysis	6020B		2	576325	LHF4	ELLE	11/18/24 08:25
Total/NA	Prep	7471B			572918	UAMX	ELLE	11/11/24 23:50
Total/NA	Analysis	7471B		1	575021	X3ZX	ELLE	11/14/24 07:01
Total/NA	Analysis	Lloyd Kahn		1	575279	P684	ELLE	11/14/24 16:09

Client Sample ID: SED-06_0-1_20241104 — Lab Sample ID: 410-192708-104

Date Collected: 11/04/24 09:40
Date Received: 11/04/24 15:20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	571990	UVJN	ELLE	11/06/24 12:43

Client Sample ID: SED-06_0-1_20241104 — Lab Sample ID: 410-192708-104

Date Collected: 11/04/24 09:40
Date Received: 11/04/24 15:20
Matrix: Solid
Percent Solids: 63.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			576466	MD4W	ELLE	11/18/24 18:20
Total/NA	Analysis	8270E		1	577172	TB8M	ELLE	11/20/24 18:49
Total/NA	Prep	3546			574486	F8UG	ELLE	11/13/24 10:52
Total/NA	Analysis	8082A		5	575118	M6UH	ELLE	11/14/24 16:15
Total/NA	Prep	3050B			572697	UAMX	ELLE	11/08/24 20:00
Total/NA	Analysis	6020B		2	575733	LHF4	ELLE	11/15/24 14:11
Total/NA	Prep	3050B			572697	UAMX	ELLE	11/08/24 20:00
Total/NA	Analysis	6020B		2	576325	LHF4	ELLE	11/18/24 08:23
Total/NA	Prep	7471B			572918	UAMX	ELLE	11/11/24 23:50
Total/NA	Analysis	7471B		1	575021	X3ZX	ELLE	11/14/24 06:59
Total/NA	Analysis	Lloyd Kahn		1	575279	P684	ELLE	11/14/24 16:14

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: SW-04_20241104
Lab Sample ID: 410-192708-105
Date Collected: 11/04/24 10:15
Matrix: Water
Date Received: 11/04/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			572281	QKX3	ELLE	11/07/24 07:55
Total/NA	Analysis	8270E		1	572736	N5QU	ELLE	11/08/24 12:27
Total Recoverable	Prep	3005A			573314	UAMX	ELLE	11/10/24 20:10
Total Recoverable	Analysis	6020B		1	578048	LHF4	ELLE	11/21/24 12:57
Total Recoverable	Prep	3005A			573314	UAMX	ELLE	11/10/24 20:10
Total Recoverable	Analysis	6020B		1	574902	LHF4	ELLE	11/13/24 17:18
Total/NA	Prep	7470A			573939	UJL8	ELLE	11/12/24 07:32
Total/NA	Analysis	7470A		1	575280	HNC4	ELLE	11/14/24 16:51

Client Sample ID: SW-05_20241104
Lab Sample ID: 410-192708-106
Date Collected: 11/04/24 10:00
Matrix: Water
Date Received: 11/04/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			572281	QKX3	ELLE	11/07/24 07:55
Total/NA	Analysis	8270E		1	573243	WH7Z	ELLE	11/09/24 23:04
Total Recoverable	Prep	3005A			573314	UAMX	ELLE	11/10/24 20:10
Total Recoverable	Analysis	6020B		1	578048	LHF4	ELLE	11/21/24 12:53
Total Recoverable	Prep	3005A			573314	UAMX	ELLE	11/10/24 20:10
Total Recoverable	Analysis	6020B		1	574902	LHF4	ELLE	11/13/24 17:06
Total/NA	Prep	7470A			573939	UJL8	ELLE	11/12/24 07:32
Total/NA	Analysis	7470A		1	575280	HNC4	ELLE	11/14/24 16:48

Client Sample ID: SW-06_20241104
Lab Sample ID: 410-192708-107
Date Collected: 11/04/24 09:40
Matrix: Water
Date Received: 11/04/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			572281	QKX3	ELLE	11/07/24 07:55
Total/NA	Analysis	8270E		1	572736	N5QU	ELLE	11/08/24 12:51
Total Recoverable	Prep	3005A			573314	UAMX	ELLE	11/10/24 20:10
Total Recoverable	Analysis	6020B		1	578048	LHF4	ELLE	11/21/24 12:59
Total Recoverable	Prep	3005A			573314	UAMX	ELLE	11/10/24 20:10
Total Recoverable	Analysis	6020B		1	574902	LHF4	ELLE	11/13/24 17:22
Total/NA	Prep	7470A			573939	UJL8	ELLE	11/12/24 07:32
Total/NA	Analysis	7470A		1	575280	HNC4	ELLE	11/14/24 16:44

Client Sample ID: MW-05_20241104
Lab Sample ID: 410-192708-108
Date Collected: 11/04/24 11:20
Matrix: Water
Date Received: 11/04/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	575794	JS6E	ELLE	11/16/24 02:48
Total/NA	Prep	3510C			572281	QKX3	ELLE	11/07/24 07:55
Total/NA	Analysis	8270E		1	572736	N5QU	ELLE	11/08/24 13:12

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Client Sample ID: MW-05_20241104

Date Collected: 11/04/24 11:20
Date Received: 11/04/24 15:20

Lab Sample ID: 410-192708-108

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			572786	QKX3	ELLE	11/08/24 08:00
Total/NA	Analysis	8082A		1	573060	M6UH	ELLE	11/08/24 20:17
Total Recoverable	Prep	3005A			573314	UAMX	ELLE	11/10/24 20:10
Total Recoverable	Analysis	6020B		1	578048	LHF4	ELLE	11/21/24 12:55
Total Recoverable	Prep	3005A			573314	UAMX	ELLE	11/10/24 20:10
Total Recoverable	Analysis	6020B		1	574902	LHF4	ELLE	11/13/24 17:16
Total/NA	Prep	7470A			573939	UJL8	ELLE	11/12/24 07:32
Total/NA	Analysis	7470A		1	575280	HNC4	ELLE	11/14/24 16:50

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	12-31-24
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

Laboratory: Eurofins Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0818	09-30-26
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	01-02-25
Georgia	State	12028 (NJ)	07-01-25
Massachusetts	State	M-NJ312	07-01-25
New Jersey	NELAP	12028	06-30-25
New York	NELAP	11452	04-01-25
Pennsylvania	NELAP	68-00522	02-28-25
Rhode Island	State	LAO00376	12-31-24
USDA	US Federal Programs	525-24-149-77606	05-21-27

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	ELLE
8015D	Gasoline Range Organics (GRO) (GC)	SW846	ELLE
8015D	Diesel Range Organics (DRO) (GC)	SW846	ELLE
8081B	Organochlorine Pesticides (GC)	SW846	ELLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ELLE
8151A	Herbicides (GC)	SW846	ELLE
6020B	Metals (ICP/MS)	SW846	ELLE
7470A	Mercury (CVAA)	SW846	ELLE
7471B	Mercury (CVAA)	SW846	ELLE
5310 C-2014	Total Organic Carbon/Persulfate - Ultrav	SM	ELLE
9012B	Cyanide, Total andor Amenable	SW846	ELLE
9045D	pH	SW846	ELLE
Lloyd Kahn	Organic Carbon, Total (TOC)	EPA	ELLE
Moisture	Percent Moisture	EPA	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
3050B	Preparation, Metals	SW846	ELLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ELLE
3546	Microwave Extraction	SW846	EET EDI
3546	Microwave Extraction	SW846	ELLE
5030B	Purge and Trap	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
5035	Closed System Purge and Trap	SW846	ELLE
7470A	Preparation, Mercury	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE
8151A	Extraction (Herbicides)	SW846	ELLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	ELLE
DI Leach	Deionized Water Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900
ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-192708-1	SB-105_4-5	Solid	10/14/24 09:00	10/16/24 16:20
410-192708-2	SB-107_0-1	Solid	10/14/24 10:15	10/16/24 16:20
410-192708-3	SB-107_4-5	Solid	10/14/24 10:20	10/16/24 16:20
410-192708-4	SB-104_0-1	Solid	10/14/24 10:45	10/16/24 16:20
410-192708-5	SB-104_4-5	Solid	10/14/24 10:50	10/16/24 16:20
410-192708-6	SB-106_0-1	Solid	10/14/24 11:45	10/16/24 16:20
410-192708-7	SB-106_4-5	Solid	10/14/24 11:50	10/16/24 16:20
410-192708-8	SB-103_0-1	Solid	10/14/24 13:30	10/16/24 16:20
410-192708-9	SB-103_4-5	Solid	10/14/24 13:35	10/16/24 16:20
410-192708-10	FD-01_20241014	Solid	10/14/24 13:40	10/16/24 16:20
410-192708-11	TB-01_20241014	Water	10/14/24 00:00	10/16/24 16:20
410-192708-12	SB-102_0-1	Solid	10/14/24 14:20	10/16/24 16:20
410-192708-13	SB-102_4-5	Solid	10/14/24 14:25	10/16/24 16:20
410-192708-14	SB-100_0-1	Solid	10/14/24 15:20	10/16/24 16:20
410-192708-15	SB-100_4-5	Solid	10/14/24 15:30	10/16/24 16:20
410-192708-16	SB-100_18-20	Solid	10/14/24 16:40	10/16/24 16:20
410-192708-17	SB-101_4-5	Solid	10/15/24 08:30	10/16/24 16:20
410-192708-18	SB-113_0-1	Solid	10/15/24 12:10	10/16/24 16:20
410-192708-19	SB-113_4-5	Solid	10/15/24 12:20	10/16/24 16:20
410-192708-20	SB-114_10-12	Solid	10/15/24 13:45	10/16/24 16:20
410-192708-21	FD-02_20241015	Solid	10/15/24 13:45	10/16/24 16:20
410-192708-22	TB-02_20241015	Water	10/15/24 00:00	10/16/24 16:20
410-192708-23	FB-01_20241015	Water	10/15/24 08:15	10/16/24 16:20
410-192708-24	SB-115_4-5	Solid	10/16/24 09:45	10/18/24 15:58
410-192708-25	SB-115_21-23	Solid	10/16/24 09:50	10/18/24 15:58
410-192708-26	SB-115_29-30	Solid	10/16/24 09:55	10/18/24 15:58
410-192708-27	N-3N_0-1	Solid	10/16/24 11:30	10/18/24 15:58
410-192708-28	N-3N_1-2	Solid	10/16/24 11:32	10/18/24 15:58
410-192708-29	N-3N_2-3	Solid	10/16/24 11:34	10/18/24 15:58
410-192708-30	N-3S_0-1	Solid	10/16/24 13:40	10/18/24 15:58
410-192708-31	N-3S_1-2	Solid	10/16/24 13:42	10/18/24 15:58
410-192708-32	N-3S_2-3	Solid	10/16/24 13:44	10/18/24 15:58
410-192708-33	N-3W_0-1	Solid	10/16/24 14:35	10/18/24 15:58
410-192708-34	N-3W_1-2	Solid	10/16/24 14:36	10/18/24 15:58
410-192708-35	N-3W_2-3	Solid	10/16/24 14:37	10/18/24 15:58
410-192708-36	N-3E_0-1	Solid	10/16/24 13:55	10/18/24 15:58
410-192708-37	N-3E_1-2	Solid	10/16/24 13:56	10/18/24 15:58
410-192708-38	N-3E_2-3	Solid	10/16/24 13:57	10/18/24 15:58
410-192708-39	C-2N_0-1	Solid	10/16/24 16:30	10/18/24 15:58
410-192708-40	C-2N_1-2	Solid	10/16/24 16:31	10/18/24 15:58
410-192708-41	C-2N_2-3	Solid	10/16/24 16:32	10/18/24 15:58
410-192708-42	C-2S_0-1	Solid	10/17/24 08:04	10/18/24 15:58
410-192708-43	C-2S_1-2	Solid	10/17/24 08:05	10/18/24 15:58
410-192708-44	C-2S_2-3	Solid	10/17/24 08:06	10/18/24 15:58
410-192708-45	C-2E_0-1	Solid	10/16/24 15:30	10/18/24 15:58
410-192708-46	C-2E_1-2	Solid	10/16/24 15:31	10/18/24 15:58
410-192708-47	C-2E_2-3	Solid	10/16/24 15:32	10/18/24 15:58
410-192708-48	C-2W_0-1	Solid	10/17/24 08:50	10/18/24 15:58
410-192708-49	C-2W_1-2	Solid	10/17/24 08:51	10/18/24 15:58
410-192708-50	C-2W_2-3	Solid	10/17/24 08:52	10/18/24 15:58
410-192708-51	SB-110_0-1	Solid	10/17/24 10:10	10/18/24 15:58
410-192708-52	SB-110_4-5	Solid	10/17/24 10:15	10/18/24 15:58
410-192708-53	TB-03_20241017	Water	10/17/24 00:00	10/18/24 15:58
410-192708-54	SB-109_0-1	Solid	10/17/24 10:55	10/18/24 15:58

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-192708-55	SB-109_4-5	Solid	10/17/24 11:00	10/18/24 15:58
410-192708-56	SB-108_0-1	Solid	10/17/24 11:40	10/18/24 15:58
410-192708-57	SB-108_4-5	Solid	10/17/24 11:45	10/18/24 15:58
410-192708-58	SB-108_16-18	Solid	10/17/24 11:50	10/18/24 15:58
410-192708-59	SB-111_0-1	Solid	10/17/24 13:40	10/18/24 15:58
410-192708-60	SB-111_4-5	Solid	10/17/24 13:45	10/18/24 15:58
410-192708-61	FB-02_20241017	Water	10/17/24 12:45	10/18/24 15:58
410-192708-62	FD-03_20241017	Solid	10/17/24 00:00	10/18/24 15:58
410-192708-63	SB-112_0-1	Solid	10/17/24 14:40	10/18/24 15:58
410-192708-64	SB-112_4-5	Solid	10/17/24 14:45	10/18/24 15:58
410-192708-65	SB-116_0-1	Solid	10/17/24 15:15	10/18/24 15:58
410-192708-66	SB-116_4-5	Solid	10/17/24 15:20	10/18/24 15:58
410-192708-67	SB-117_0-1	Solid	10/18/24 08:20	10/18/24 15:58
410-192708-68	SB-117_4-5	Solid	10/18/24 08:25	10/18/24 15:58
410-192708-69	SB-118_0-1	Solid	10/18/24 09:15	10/18/24 15:58
410-192708-70	SB-118_4-5	Solid	10/18/24 09:20	10/18/24 15:58
410-192708-71	SB-119_0-1	Solid	10/18/24 10:15	10/18/24 15:58
410-192708-72	SB-119_4-5	Solid	10/18/24 10:20	10/18/24 15:58
410-192708-73	FD-04_20241018	Solid	10/18/24 00:00	10/18/24 15:58
410-192708-74	FB-04_20241018	Water	10/18/24 11:00	10/18/24 15:58
410-192708-75	TB-04_20241018	Water	10/18/24 00:00	10/18/24 15:58
410-192708-76	MW-15_20241024	Water	10/24/24 15:40	10/25/24 18:12
410-192708-77	FB-05_20241024	Water	10/24/24 14:15	10/25/24 18:12
410-192708-78	TB-05_20241024	Water	10/24/24 00:00	10/25/24 18:12
410-192708-79	EB-01_20241024	Water	10/24/24 16:30	10/25/24 18:12
410-192708-80	MW-14_20241025	Water	10/25/24 09:50	10/25/24 18:12
410-192708-81	FD-05_20241025	Water	10/25/24 00:00	10/25/24 18:12
410-192708-82	MW-10_20241028	Water	10/28/24 10:20	10/29/24 17:15
410-192708-83	MW-08_20241028	Water	10/28/24 11:30	10/29/24 17:15
410-192708-84	MW-07_20241028	Water	10/28/24 15:00	10/29/24 17:15
410-192708-85	MW-06_20241028	Water	10/28/24 13:30	10/29/24 17:15
410-192708-86	TB-06_20241028	Water	10/28/24 00:00	10/29/24 17:15
410-192708-87	MW-09_20241029	Water	10/29/24 09:20	10/29/24 17:15
410-192708-88	MW-13_20241030	Water	10/30/24 09:15	10/31/24 18:07
410-192708-89	TB-07_20241030	Water	10/30/24 00:00	10/31/24 18:07
410-192708-90	MW-03_20241030	Water	10/30/24 10:45	10/31/24 18:07
410-192708-91	MW-11_20241030	Water	10/30/24 14:25	10/31/24 18:07
410-192708-92	MW-12_20241030	Water	10/30/24 16:20	10/31/24 18:07
410-192708-93	MW-04_20241031	Water	10/31/24 12:00	10/31/24 18:07
410-192708-94	SED-01_0-1_20241101	Solid	11/01/24 10:15	11/01/24 16:25
410-192708-95	SED-02_0-1_20241101	Solid	11/01/24 10:50	11/01/24 16:25
410-192708-96	SED-03_0-1_20241101	Solid	11/01/24 12:30	11/01/24 16:25
410-192708-97	FD-06_20241101	Solid	11/01/24 00:00	11/01/24 16:25
410-192708-98	SW-01_20241101	Water	11/01/24 10:05	11/01/24 16:25
410-192708-99	SW-02_20241101	Water	11/01/24 10:50	11/01/24 16:25
410-192708-100	EB-02_20241101	Water	11/01/24 09:00	11/01/24 16:25
410-192708-101	FB-06_20241101	Water	11/01/24 09:10	11/01/24 16:25
410-192708-102	SED-04_0-1_20241104	Solid	11/04/24 10:15	11/04/24 15:20
410-192708-103	SED-05_0-1_20241104	Solid	11/04/24 10:00	11/04/24 15:20
410-192708-104	SED-06_0-1_20241104	Solid	11/04/24 09:40	11/04/24 15:20
410-192708-105	SW-04_20241104	Water	11/04/24 10:15	11/04/24 15:20
410-192708-106	SW-05_20241104	Water	11/04/24 10:00	11/04/24 15:20
410-192708-107	SW-06_20241104	Water	11/04/24 09:40	11/04/24 15:20
410-192708-108	MW-05_20241104	Water	11/04/24 11:20	11/04/24 15:20

Eurofins
2425 New
Lancaster
Phone (71

410-192708 Chain of Custody

Chain of Custody Record

eurofins | Environment Testing America

Client In	Sampler: JRM, MR, EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s): —	COC No:
Client Contact: Molly Rudrow	Phone: Same	E-Mail: Same	State of Origin: Maryland	Page: 1 of 3
Company: Haley&Aldrich	PWSID: —			Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): Standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #: 209099-02-001-02			
Email: Mrudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
Site: Same	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	MS/MSD (Yes or No)	VOCs - 8260	SVOCs - 8270	PCBs - 8082	PPL Metals - 6020 Mercury	TPH DRO - 8015	TPH GRO - 8015	PAHs - 8270	Cyanide - 9012						Total Number of containers	Special Instructions/Note:
			Preservation Code:				H	H	P	H	H	P	P	H							
SB-105_4-5	10/14/24	900	G	S			✓	✓	✓	✓	✓	✓		✓						8	
SB-107_0-1		1015							✓	✓			✓	✓						3	
SB-107_4-5		1020							✓	✓			✓	✓						3	
SB-104_0-1		1045						✓		✓				✓						1	
SB-104_4-5		1050					✓	✓		✓				✓						5	
SB-106_0-1		1145						✓		✓				✓						1	
SB-106_4-5		1150					✓	✓		✓				✓						5	
SB-103_0-1		1330						✓		✓				✓						1	
SB-103_4-5		1335					✓	✓		✓				✓						5	
FD-01_20241014		13:40					✓	✓		✓				✓						5	
TB-01-20241014	10/14/24	—	G	W			[redacted]	[redacted]	SM	[redacted]	SM	[redacted]	[redacted]	[redacted]	SM					2	

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 TBD Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Retain sample for potential addtl. analysis

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J. Martins	10/16/24 8:00	H+A	[illegible]	10/16/24 800	H+A
M. Rudrow	10/16/24 1025	H+A	[illegible]	10/16/24 1025	ELLE
[illegible]	10/16/24 1620	ELLE	[illegible]	10/16/24 16:20	ELLET

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 008154, 008155

Cooler Temperature(s) °C and Other Remarks: Rec. 1.6-5.0 cor. 1.4-4.8

KF

.ins Lancaster Laboratories Env, LLC
5 New Holland Pike
.ancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: JRM / EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s): —	COC No:
Client Contact: Molly Rudrow	Phone: Same	E-Mail: Same	State of Origin: Maryland	Page: 2 of 3
Company: Haley&Aldrich	PWSID: —			Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): Standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #: 209099-02-001-02			
Email: Mrudrow@haleyaldrich.com	WO #: —			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
Site: Same	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PAHs - 8270	PAL Metals 6020 + mercury	Cyanide - 9012	SVOCs - 8270	VOCs - 8260	PCBs - 8082	TPH DRO - 8015	TPH GRO - 8015	Total Number of containers	Special Instructions/Note:
			Preservation Code:				P	I	I	I	F	I	I	F		
SB-102_0-1	10/14/24	1420	G	S			✓	✓	✓						2	
SB-102_4-5	10/14/24	1425	G	S			✓	✓	✓						2	
SB-100_0-1	10/14/24	1520	G	S				✓	✓	✓					1	
SB-100_4-5	10/14/24	1530	G	S		✓		✓	✓	✓	✓				5	MS/MSD
SB-100_18-20	10/14/24	1640	G	S				✓	✓	✓	✓				5	
SB-104_4-5	10/15/24	0830	G	S				✓	✓	✓	✓				5	
SB-113_0-1	10/15/24	1210	G	S			✓					✓			2	
SB-113_4-5	10/15/24	1220	G	S		✓	✓				✓	✓	✓	✓	8	MS/MSD
SB-114_10-12	10/15/24	1345	G	S			✓				✓		✓	✓	7	
FD-02_20241015	10/15/24	1345	G	S			✓				✓		✓	✓	7	
TB-02-20241015	10/15/24	—	G	W							✓				2	

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 TBD Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: * RETAIN SAMPLES FOR POT. ADDTL. * Ana

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
J. Martins	10/16/24 8:00	H+A	[illegible]	10/16/24 800	H+A
[illegible]	10/16/24 1025	H+A	[illegible]	10/16/24 1025	ELLE
[illegible]	10/16/24 1620	ELLE	[illegible]	10/16/24 16:20	ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 008154, 008155	Cooler Temperature(s) °C and Other Remarks: Tem 1.6-5.0 cor. 1.4-4.8

Ver: 01/16/2019

12/9/2024 (Rev. 1)

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JM / MR / KR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No:
Client Contact: Molly Rudrow	Phone: same	E-Mail: same	State of Origin: Maryland	Page: 3 of 3
Company: Haley&Aldrich	PWSID:			Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #: 209099-08-0001-0			
Email: Mrudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
Site: same	SSOW#:			

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 MOD PPL	7470 Mercury	9012 Local method	8260 VOCs TCLP + TRG	8270 TCL SVOCs + TIC	8270 PAHs	8082 PCBs	8081 Pesticides	8015 DRO	8015 GRO	8151 Herbicides			Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	H	A	I	I	I	I	A	A	I				
FB-01_20241015	10/15/24	815	G	W			X	X	X	X	X	X	X	X	X	X	X			15	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

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 TBD Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Retain samples for potential addtl. analysis

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
J Martins	10/16/24 8:00	H+A	[illegible]	10/16/24 800	H&A
JM. Rudrow	10/16/24 1025	H&A	[illegible]	10/16/24 1025	ELLE
[illegible]	10/16/24 1620	ELLE	[illegible]	10/16/24 16:20	ELLET

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 008154, 008155 | Cooler Temperature(s) °C and Other Remarks: 1.6-5.0 cor 1.4-4.8

Ver: 01/16/2019

Eurofins Lan
2425 New Hollan
Lancaster, PA 1
Phone (717) 656

410-192708 Chain of Custody

Chain of Custody Record

eurofins | Environment Testing America

JRM, EMR

Client Inform	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: 410-192708-1
Client Contact: Molly Rudrow	E-Mail:	State of Origin: Maryland	Page:
Company: Haley&Aldrich	PWSID:		Job #:
Address: 60 West Street, Suite 215	Due Date Requested:		
City: Annapolis, MD	TAT Requested (days):		
State, Zip: 21401	Compliance Project: Δ Yes Δ No		
Phone:	PO #:		
Email: Mrudrow@haleyaldrich.com	WO #:		
Project Name: Spa Road Property Annapolis MD	Project #: 41021905		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	VOCs - 8260	PAHs - 8270	TPH DRO - 8015	TPH GRO - 8015	Cyanide - 9012	PPL Metals - 6020 + mercury	Pesticides - 8081	Herbicides - 8151	Total Number of containers	Special Instructions/Note:
			Preservation Code:													
SB-115_4-5	10/16/24	945	G	S			✓	✓	✓	✓	✓				7	
SB-115_21-23	10/16/24	950	G	S			✓	✓	✓	✓	✓				7	
SB-115_29-30	10/16/24	955	G	S			✓	✓	✓	✓	✓				7	
N-3N-0-1	10/16/24	1130	G	S							✓	✓	✓	✓	2	
N-3N-1-2	10/16/24	1132	G	S							✓	✓			1	
N-3N-2-3	10/16/24	1134	G	S							✓	✓			1	
N-3S_0-1	10/16/24	1340	G	S							✓	✓	✓	✓	2	
N-3S_1-2	10/16/24	1342	G	S							✓	✓			1	
N-3S_2-3	10/16/24	1344	G	S							✓	✓			1	
N-3W-0-1	10/16/24	1435	G	S							✓	✓			1	
N-3W_1-2	10/16/24	1436	G	S							✓	✓			1	

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
J. Martins	10/18/24	H+A	[signature]	10/18/24 12:00	ELLE
[signature]	10/18/24 1558	ELLE			
			[signature]	10/18/24 1558	ELLE

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 008156, 008154, 008158

Cooler Temperature(s) °C and Other Remarks: R 0.9-2.2 C 0.9-2.2

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JRM, EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: 440-192708-1
Client Contact: Molly Rudrow	Phone: Same	E-Mail: Same	State of Origin: Maryland	Page:
Company: Haley&Aldrich	PWSID:	Analysis Requested		Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			Preservation Codes:
City: Annapolis, MD	TAT Requested (days): Standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #:			
Email: Mrudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 209099-002-001-02			
Site: Same	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PPL Metals - 6020 + Mercury	Cyanide - 9012	Pesticides - 8081	Herbicides - 8151	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
N-3W_2-3	10/16/24	1437	G	S			✓	✓			1	
N-3E_0-1	10/16/24	1355	G	S			✓	✓			1	
N-3E_1-2	10/16/24	1356	G	S			✓	✓			1	
N-3E_2-3	10/16/24	1357	G	S			✓	✓			1	
C-2N_0-1	10/16/24	1630	G	S			✓	✓	✓	✓	2	
C-2N_1-2	10/16/24	1631	G	S			✓	✓			1	
C-2N_2-3	10/16/24	1632	G	S			✓	✓			1	
C-2S_0-1	10/17/24	0809	G	S			✓	✓			1	
C-2S_1-2	10/17/24	0805	G	S			✓	✓			1	
C-2S_2-3	10/17/24	0806	G	S			✓	✓			1	
C-2E_0-1	10/16/24	1530	G	S			✓	✓			1	

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: **Hold soil samples for potential additional analysis**

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
J. Martins	10/18/24	H&A	[signature]	10/18/24 1222	ELLE
[signature]	10/18/24 1558	ELLE			
			[signature]	10/18/24 1558	ELLE

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: C 0.9-2.2 C 0.9-2.2

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: JRM / EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: 410 - 192708-1
Client Contact: Molly Rudrow	Phone: Same	E-Mail: Same	State of Origin: Maryland	Page:
Company: Haley&Aldrich	PWSID:			Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): Standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #:			
Email: Mrudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 209099-002-001-02			
Site: Same	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PPL Metals-6020 + Mercury	Cyanide-9012	SVOCs - 8270	VOCs - 8260	TCDD + TCDF - 8290	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
C-2E_1-2	10/16/24	1531	G	S			✓	✓				1	
C-2E_2-3	10/16/24	1532	G	S			✓	✓				1	
C-2W_0-1	10/17/24	850	G	S			✓	✓				1	
C-2W-1-2	10/17/24	851	G	S			✓	✓				1	
C-2W_2-3	10/17/24	852	G	S			✓	✓				1	
SB-110_0-1	10/17/24	1010	G	S			✓	✓	✓			1	
SB-110_4-5	10/17/24	1015	G	S			✓	✓	✓	✓		5	
TB-03-20241017	10/17/24									✓		4	
SB-109_0-1	10/17/24	1055	G	S			✓	✓	✓			1	
SB-109_4-5	10/17/24	1100	G	S			✓	✓	✓	✓		5	Caution, glass in soil
SB-108_0-1	10/17/24	1140	G	S			✓	✓	✓			1	

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: **Hold soil samples for potential additional analysis**

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
J. Martins	10/18/24	H&A	[signature]	10/18/24 1212	ELLE
[signature]	10/18/24 1558	ELLE			
			[signature]	10/18/24 1558	ellet

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R 0.9-2.2 C 0.9-2.2

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JRM EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: 46-192708-1
Client Contact: Molly Rudrow	Phone: Same	E-Mail: Same	State of Origin: Maryland	Page:
Company: Haley&Aldrich	PWSID:			Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): Standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #:			
Email: Mrudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 209099-002-001-02			
Site: Same	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PPL Metals - 6020 + Mercury	Cyanide - 9012	SVOCs - 8270	VOCs - 8260	PCBs - 8082	TCDD + TCDF - 8290	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SB-108_4-5	10/17/24	11 45	G	S			✓	✓	✓	✓			5	
SB-108_16-18	10/17/24	11 50	G	S			✓	✓	✓				1	
SB-111-0-1	10/17/24	1340	G	S			✓	✓	✓		✓	✓	3	
SB-111_4-5	10/17/24	13 45	G	S		Y	✓	✓	✓	✓	✓	✓	21	MS/MSD
FB-02-20241017	10/17/24	12 45	G	W			✓	✓	✓	✓			7	
FD-03-20241017	10/17/24		G	S			✓	✓	✓		✓	✓	3	
SB-112_0-1	10/17/24	14:40	G	S			✓	✓	✓				1	
SB-112_4-5	10/17/24	1445	G	S			✓	✓	✓	✓		✓	6	
SB-116_0-1	10/17/24	1515	G	S			✓	✓	✓				1	
SB-116_4-5	10/17/24	1520	G	S			✓	✓	✓	✓		✓	6	

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: **Hold soil samples for potential additional analysis**

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
J. Martins	10/18/24	H+A	[signature]	10/18/24 1212	ECLE
[signature]	10/18/24 1558	ECLE			
			[signature]	10/18/24 1558	ECLE

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: R 0.9-2.2 < 0.9-2.2

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JRM/EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: 410-192708-1
Client Contact: Molly Rudrow	Phone: Same	E-Mail: Same	State of Origin: Maryland	Page:
Company: Haley&Aldrich	PWSID:			Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): Standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #:			
Email: Mrudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 209099-002-001-02			
Site: Same	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PPL Metals - 6020 +Mercury	Cyanide - 9012	SVOCs - 8270	VOCs - 8260	TCDD+TCDF - 8290	TPH DRO - 8015	TPH GRO - 8015	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SB-117_0-1	10/18/24	8 20	G	S			✓	✓	✓			✓	✓	3	
SB-117_4-5	10/18/24	8 25	G	S			✓	✓	✓	✓	✓			6	
SB-118_0-1	10/18/24	9 15	G	S		Y	✓	✓	✓			✓	✓	4	MS/MSD
SB-118_4-5	10/18/24	9 20	G	S			✓	✓	✓	✓				5	
SB-119_0-1	10/18/24	1015	G	S			✓	✓	✓		✓			2	
SB-119_4-5	10/18/24	1020	G	S			✓	✓	✓	✓	✓			6	
FD-04-20241018	10/18/24		G	S			✓	✓	✓	✓				1	Only 6020, 9012 BM
FB-04-20241018	10/18/24	11:00	G	W			✓	✓							
TB-04-20241018	10/18/24									✓					

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: **Hold soil samples for potential additional analysis**

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
J. Martins	10/18/24	H+A	[signature]	10/18/24 1212	ELLE
[signature]	10/18/24 1558	ELLE			
			Stan Fuhrer	10/18/24 1558	Ellet

Custody Seals Intact: ☒ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: R 0.9-2.2 C 0.9-2.2

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster, PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of C

410-192708 Chain of Custody

eurofins | Environment Testing

Client Information	Sampler: JRM/EMR	Carrier Tracking No(s):	COC No: 4[redacted]-3 410-192708-1
Client Contact: Molly Rudrow	Phone:	State of Origin: MD	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:		Job #
Address: 60 West St. Suite 215	Due Date Requested:		
City: Annapolis	TAT Requested (days): Standard, 2-week		
State, Zip: MD, 21401	Compliance Project: Δ Yes ☑ No		
Phone:	PO #: Purchase Order Requested		
Email: MRudrow@haleyaldrich.com	WO #:		
Project Name: Spa Road Property Annapolis MD	Project #: 41021905		
Site: Spa Road	SSOW#:		

Analysis Requested

Preservation Codes:
A - HCL
N - None
D - HNO3
HB - AscbAcd&NaOH

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - (MOD) TCL VOCs 4.3	8082A - Standard PCB List	8270E - (MOD) TCL 4.3 SVOCs	6020B, 7470A	[redacted]	8270E - 16 PAHs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	D	HB	N		
MW-15_20241024	10/24/24	15:40	G	Water	N		✓	✓	✓	✓			8	
FB-05_20241024	10/24/24	14:15	G	Water	N		✓	✓	✓	✓			8	These samples are
TB-05_20241024	10/24/24		G	Water	N		✓						2	to be appended to
EB-01_20241024	10/24/24	16:30	G	Water	N		✓	✓	✓	✓			8	Job 410-192708-1,
MW-14_20241025	10/25/24	9:50	G	Water	N		✓	✓	✓	✓			8	submitted on
FD-05_20241025	10/25/24		G	Water	N		✓	✓	✓	✓			8	10/18/2024
~~MW-13_20241025~~	~~10/25/24~~		~~G~~	~~Water~~	~~N~~		~~✓~~	~~✓~~	~~✓~~	~~✓~~			~~8~~	
				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: J. Martins	Date/Time: 10/25/24 1405	Company: H+A	Received by:	Date/Time: 10/25/24 1405	Company: ELCE	
Relinquished by:	Date/Time: 10/25/24 1812	Company: ELCE	Received by:	Date/Time:	Company:	
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: 10/25/24 1812	Company:	

Custody Seals Intact: ☑ Yes Δ No
Custody Seal No.: 008474
Cooler Temperature(s) °C and Other Remarks: 2.5-(2.)

410-192708 Chain of Custody

es Environme

Chain of Custody Record

eurofins | Environment Testing

	Sampler: JRM/EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: ~~410-433240-37342~~ 410-192708-
Client Contact: Molly Rudrow	Phone:	E-Mail: Vanessa.Badman@et.eurofinsus.com	State of Origin: MD	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:			Job #:
Address: 60 West St. Suite 215	Due Date Requested:			
City: Annapolis	TAT Requested (days):			
State, Zip: MD, 21401	Compliance Project: Δ Yes ☒ No			
Phone:	PO #: Purchase Order Requested			
Email: MRudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
Site:	SSOW#:			

Preservation Codes:
A - HCL
N - None
D - HNO3
HB - AscbAcd&NaOH

Other:

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - (MOD) TCL VOCs 4.3	8082A - Standard PCB List	8270E - (MOD) TCL 4.3 SVOCs	6020B, 7470A	[redacted]	8270E - 16 PAHs	Total Number of containers	Special Instructions/Note:
				Preservation Code:			A	N	N	D	HB	N		
MW-10_20241028	10/28/24	10:20	G	Water	N		✓	✓	✓	✓			3	These samples are
MW-08-20241028	10/28/24	11:30	G	Water	N	Y	✓	✓	✓	✓			24	to be appended to
MW-07-20241028	10/28/24	15:00	G	Water	N		✓	✓	✓	✓			8	Job 410-192708-1,
MW-06_20241028	10/28/24	13:30	G	Water	N		✓	✓	✓	✓			8	Submitted on
TB-06_20241028	10/28/24		G	Water	N		✓						2	10/18/2024
MW-09_20241029	10/29/24	09:20	G	Water	N		✓					✓	5	
				Water										MS/MSD on MW-08
				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: [signature]	Date/Time: 10/29/24 @ 1300	Company: HtA	Received by: [signature]		Date/Time: 10/29/24 1300	Company: ELLE	
Relinquished by: [signature]	Date/Time: 10/29/24 1715	Company: ELLE	Received by:		Date/Time:	Company:	
Relinquished by:	Date/Time:	Company:	Received by: [signature]		Date/Time: 10/29/24 1715	Company: Elliot	
Custody Seals Intact: ☒ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		9.0.9-3.6	cor 0.7-3.4	

Ver 05/06/2024

12/9/2024 (Rev. 1)

410-192708 Chain of Custody

s Environme

Chain of Custody Record

eurofins | Environment Testing

Molly Rudrow	Sampler: JRM/EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: 410-192708-1
	Phone:	E-Mail: Vanessa.Badman@et.eurofinsus.com	State of Origin: MD	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:			Job #:
Address: 60 West St. Suite 215	Due Date Requested:			
City: Annapolis	TAT Requested (days):			
State, Zip: MD, 21401	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 209099-002			
Email: MRudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
Site:	SSOW#:			

Preservation Codes:
N - None
D - HNO3
A - HCL
Other:

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E - (MOD) TCL 4.3 SVOCs	8082A - Standard PCB List	6020B, 7470A	8260D - (MOD) TCL VOCs 4.3	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	D	A		
MW-13_20241030	10/30/24	9:15	G	Water	N		✓	✓	✓	✓	8	These samples are
TB-07_20241030	10/30/24	[redacted]	[redacted]	Water						✓	2	to be appended to
MW-03_20241030	10/30/24	10:45	G	water	N		✓	✓	✓	✓	8	#410-192709-1,
MW-11_20241030	10/30/24	14:25	G	water	N		✓	✓	✓	✓	8	Submitted on 10/18/24
MW-12-20241030	10/30/24	16:20	G	water	N		✓	✓	✓	✓	8	
MW-04_20241031	10/31/24	12:00	G	water	N		✓	✓	✓	✓	8	

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
[signature]	10/25/24 1425	ECLE	[signature]	10/25/24 14:05	H+A
[signature]	10/31/24 1435	H+A	[signature]	10/31/24 1435	ECLE
[signature]	10/31/24 1807	ECLE	[signature]	10/31/24 1807	ECLE

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: R: 0.9 C: 0.3

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster, PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of C

410-192708 Chain of Custody

eurofins | Environment Testing

Client Information	Sampler: JRM, EMR	Carrier Tracking No(s):	COC No: ~~410-135002-38162.2~~ 410-192708-1
Client Contact: Molly Rudrow	Phone: Vanessa.Badman@et.eurofinsus.com	State of Origin: MD	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:		Job #:
Address: 60 West St. Suite 215	Due Date Requested:		Preservation Codes: F - MeOH, N - None, D- HNO_3, A-Phophoric
City: Annapolis	TAT Requested (days): Standard 2-week		
State, Zip: MD, 21401	Compliance Project: Δ Yes ☒ No		
Phone:	PO #: 209099-002		
Email: MRudrow@haleyaldrich.com	WO #:		
Project Name: Spa Road Property Annapolis MD	Project #: 41021905		Other:
Site: Spa Road	SSOW#:		

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	~~8260_HPOA_PCB/PAH~~	~~8270D_GRO_Gasoline_Range_Organics~~	~~Percent Moisture~~	8270 - SVOCs	6020 + 7470 - Metals	8082 - PCBs	Lloyd Kahn Mod. TOC	S310C - Total Organic Carbon	pH				Total Number of containers	Special Instructions/Note:
			Preservation Code:							N	D	N	N	A	N					
SED-01_0-1_20241101	11/01/2024	10:15	G	Solid		Y				✓	✓	✓	✓		✓				6	MS/MSD
SED-02_0-1_20241101		10:50		Solid						✓	✓	✓	✓		✓				2	
SED-03_0-1_20241101		12:30		Solid						✓	✓	✓	✓		✓				2	
FD-08-20241101		–		Solid						✓	✓	✓	✓		✓				2	
SW-01-20241101		10:05		~~Solid~~ water						✓	✓								3	
SW-02-20241101		10:50		~~Solid~~ water						✓	✓								3	
EB-02-20241101		9:00		~~Solid~~ water						✓	✓	✓							5	
FB-06_20241101		9:10		~~Solid~~ water						✓	✓	✓		✓					7	
				Solid																Please add to Job
				Solid																410-192708-1, submitted
				Solid																on 10/18/2024

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
J. Martins	11/01/2024 13:53	H+A	[signature]	11/1/24 1353	ELLE
[signature]	11/1/24 1625	ELLE			
			[signature]	11/1/24 16:25	ELLE T

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.0/0.6

410-192708 Chain of Custody

onme

Chain of Custody Record

eurofins | Environment Testing

Sampler: EMR, SHS	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: ~~[illegible]~~ 410-192708-1
Molly Rudrow	Phone:	E-Mail: Vanessa.Badman@et.eurofinsus.com	State of Origin: MD	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:		Job #:
Address: 60 West St. Suite 215	Due Date Requested:		
City: Annapolis	TAT Requested (days):		
State, Zip: MD, 21401	Compliance Project: Δ Yes Δ No		
Phone:	PO #: 209099-002		
Email: MRudrow@haleyaldrich.com	WO #:		
Project Name: Spa Road Property Annapolis MD	Project #: 41021905		
Site: SPA Road	SSOW#:		

Preservation Codes: F - MeOH; N - None; D - HNO_3; A - Phosphoric; A - HCL; Other:

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	[redacted]	[redacted]	[redacted]	8270 - SVOCs	6020 + 7470 - Metals	8082 - PCBs	Lloyd Khan Mod. - TOC	8260D - (MOD) TCL VOCs 4.3	8082A - Standard PCB List	8270E - (MOD) TCL 4.3 SVOCs	6020B, 7470A			Total Number of containers	Special Instructions/Note:
			Preservation Code:				F	F	N	N	D	N	N								
SED-04_0-1_20241104	11/04/24	1015	G	Solid						✓	✓	✓	✓							2	
SED-05_0-1_20241104	↓	1000	↓	Solid						✓	✓	✓	✓							2	Please add to
SED-06_0-1_20241104		0940		Solid						✓	✓	✓	✓							2	Job #
SW-04_20241104		1015		~~Solid~~ water						✓	✓									3	410-192708-1,
SW-05_20241104		1000		~~Solid~~ water						✓	✓									3	submitted on
SW-06_20241104		0940		~~Solid~~ water																3	10/18/2024
TB-08_20241104	↓	—	↓	~~Solid~~ water										✓						2	
MW-05_20241104		1120		~~Solid~~ water										✓	✓	✓	✓			8	
				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
[signature]	11/04/2024 1155	HA	[signature]	11/4/24 1155	ELE
[signature]	11/4/24 1520	ELE	[signature]		
			[signature]	11/4/24 15:20	ELE

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.3/0.9

Ver. 06/06/2024

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Badman Vanessa	Carrier Tracking No(s): N/A	COC No: 410-3213643.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Vanessa Badman@et.eurofinsus.com	State of Origin: Maryland	Page: Page 1 of 4
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): N/A		Job #: 410-192708-1
Address: 777 New Durham Road	Due Date Requested: 11/11/2024			Preservation Codes: N None
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
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)	8270E/3546 (MOD) TCL 4.3 SVOCs	8270E/3510C_LVI (MOD) TCL 4.3 SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SB-110_0-1 (410-192708-51)	10/17/24	10:10 Eastern	G	Solid			X		1	
SB-110_4-5 (410-192708-52)	10/17/24	10:15 Eastern	G	Solid			X		1	
SB-109_0-1 (410-192708-54)	10/17/24	10:55 Eastern	G	Solid			X		1	
SB-109_4-5 (410-192708-55)	10/17/24	11.00 Eastern	G	Solid			X		1	
SB-108_0-1 (410-192708-56)	10/17/24	11.40 Eastern	G	Solid			X		1	
SB-108 4-5 (410-192708-57)	10/17/24	11.45 Eastern	G	Solid			X		1	
SB-108_16-18 (410-192708-58)	10/17/24	11:50 Eastern	G	Solid			X		1	
SB-111_0-1 (410-192708-59)	10/17/24	13.40 Eastern	G	Solid			X		1	
SB-111_4-5 (410-192708-60)	10/17/24	13:45 Eastern	G	Solid			X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Lancaster Laboratories Environment Testing, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody 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 Lancaster Laboratories Environment Testing LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Lancaster Laboratories Environment Testing LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Lancaster Laboratories Environment Testing, 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]	10/30/24 2230	EUET	[signature]	10/31/24 0730	EUE
[signature]	10/31/24 0945	EUE	[signature]	10/31/24 945	EUE

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 1.8 1.3/1.5 1.0/1.2 1.4/1.6 °C

V 1 024

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Badman, Vanessa	Carrier Tracking No(s): N/A	COC No: 410-3213643.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Vanessa.Badman@et.eurofinsus.com	State of Origin: Maryland	Page: Page 2 of 4
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): N/A		Job #: 410-192708-1
Address: 777 New Durham Road	Due Date Requested: 11/11/2024			Preservation Codes. N None
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
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)	8270E/3546 (MOD) TCL 4.3 SVOCs	8270E/3510C_LVI (MOD) TCL 4.3 SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SB-111_4-5 (410-192708-60MS)	10/17/24	13:45 Eastern	G	Solid			X		1	
SB-111_4-5 (410-192708-60MSD)	10/17/24	13:45 Eastern	G	Solid			X		1	
FD-03_20241017 (410-192708-62)	10/17/24	Eastern	G	Solid			X		1	
SB-112_0-1 (410-192708-63)	10/17/24	14.40 Eastern	G	Solid			X		1	
SB-112_4-5 (410-192708-64)	10/17/24	14.45 Eastern	G	Solid			X		1	
SB-116_0-1 (410-192708-65)	10/17/24	15:15 Eastern	G	Solid			X		1	
SB-116_4-5 (410-192708-66)	10/17/24	15:20 Eastern	G	Solid			X		1	
SB-117_0-1 (410-192708-67)	10/18/24	08:20 Eastern	G	Solid			X		1	
SB-117_4-5 (410-192708-68)	10/18/24	08:25 Eastern	G	Solid			X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Lancaster Laboratories Environment Testing LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody 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 Lancaster Laboratories Environment Testing, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Lancaster Laboratories Environment Testing, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Lancaster Laboratories Environment Testing, 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: 10/30/24 2230	Company: EUET	Received by:	Date/Time: 10/31/24 0730	Company: EUE
Relinquished by:	Date/Time: 10/31/24 0945	Company: EUE	Received by:	Date/Time: 10/31/24 945	Company: EETE
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.

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Badman, Vanessa	Carrier Tracking No(s): N/A	COC No: 410-3213643.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Vanessa.Badman@et.eurofinsus.com	State of Origin: Maryland	Page: Page 3 of 4
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): N/A		Job #: 410-192708-1
Address: 777 New Durham Road	Due Date Requested: 11/11/2024			Preservation Codes: N None
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
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)	8270E/3546 (MOD) TCL 4.3 SVOCs	8270E/3510C_LVI (MOD) TCL 4.3 SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SB-118_0-1 (410-192708-69)	10/18/24	09:15 Eastern	G	Solid			X		1	
SB-118_0-1 (410-192708-69MS)	10/18/24	09:15 Eastern	G	Solid			X		1	
SB-118_0-1 (410-192708-69MSD)	10/18/24	09:15 Eastern	G	Solid			X		1	
SB-119_0-1 (410-192708-71)	10/18/24	10:15 Eastern	G	Solid			X		1	
SB-119 4-5 (410-192708-72)	10/18/24	10:20 Eastern	G	Solid			X		1	
MW-15_20241024 (410-192708-76)	10/24/24	15:40 Eastern	G	Water				X	1	
FB-05_20241024 (410-192708-77)	10/24/24	14.15 Eastern	G	Water				X	1	
EB-01_20241024 (410-192708-79)	10/24/24	16.30 Eastern	G	Water				X	1	
MW-14_20241025 (410-192708-80)	10/25/24	09:50 Eastern	G	Water				X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Lancaster Laboratories Environment Testing, 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 Lancaster Laboratories Environment Testing, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Lancaster Laboratories Environment Testing, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Lancaster Laboratories Environment Testing, 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: 10/30/24 2230	Company: EUET	Received by:	Date/Time: 10/31/24 0720	Company: EUET	
Relinquished by:	Date/Time: 10/31/24 0945	Company: EUET	Received by:	Date/Time: 10/31/24 0945	Company: EUET	
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:

V 1 024

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Badman, Vanessa	Carrier Tracking No(s): N/A	COC No: 410-3213643.4
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Vanessa.Badman@et.eurofinsus.com	State of Origin: Maryland	Page: Page 4 of 4
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): N/A		Job #: 410-192708-1
Address: 777 New Durham Road,	Due Date Requested: 11/11/2024			Preservation Codes: N None
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
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)	8270E/3546 (MOD) TCL 4.3 SVOCs	8270E/3510C_LVI (MOD) TCL 4.3 SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
FD-05_20241025 (410-192708-81)	10/25/24	Eastern	G	Water				X	1	
MW-10_20241028 (410-192708-82)	10/28/24	10:20 Eastern	G	Water				X	1	
MW-08_20241028 (410-192708-83)	10/28/24	11:30 Eastern	G	Water				X	1	
MW-08_20241028 (410-192708-83MS)	10/28/24	11:30 Eastern	G	Water				X	1	
MW-08_20241028 (410-192708-83MSD)	10/28/24	11 30 Eastern	G	Water				X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Lancaster Laboratories Environment Testing, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chai -of-custody 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 Lancaster Laboratories Environment Testing, LLC laboratory or other instructions wi be provided Any changes to accreditation status should be brought to Eurofins Lancaster Laboratories Environment Testing, LLC attention immediately If al requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Lancaster Laboratories Environment Testing, 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: 10/30/24 2230	Company: EWET	Received by:	Date/Time: 10/31/24 0730	Company: EWE
Relinquished by:	Date/Time: 10/31/24 0945	Company: EWE	Received by:	Date/Time: 10/31/24 945	Company: EWE
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:

Ver: 24

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Badman Vanessa	Carrier Tracking No(s): N/A	COC No: 410-3213660.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Vanessa.Badman@et.eurofinsus.com	State of Origin: Maryland	Page: Page 1 of 1
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): N/A		Job #: 410-192708-1
Address: 777 New Durham Road	Due Date Requested: 11/11/2024			Preservation Codes: N None
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
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)	8270E/3510C_LVI (MOD) TCL 4.3 SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
MW-07_20241028 (410-192708-84)	10/28/24	15:00 Eastern	G	Water			X	1	
MW-06_20241028 (410-192708-85)	10/28/24	13.30 Eastern	G	Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Lancaster Laboratories Environment Testing, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody 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 Lancaster Laboratories Environment Testing, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Lancaster Laboratories Environment Testing, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Lancaster Laboratories Environment Testing, 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]	10/30/24 2230	EWET	[signature]	10/31/24 0720	EWET
[signature]	10/31/24 0945	EWET	[signature]	10/31/24 0945	EWET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: TR9 1.3/1.5 1.0/1.2 1.4/1.6 °C

V 2024

Eurofins Lancaster Laboratories Environm
2425 New Holland Pike
Lancaster PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Badman, Vanessa	Carrier Tracking No(s): N/A	COC No: 410-3221778.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Vanessa.Badman@et.eurofinsus.com	State of Origin: Maryland	Page: Page 1 of 2
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): N/A		Job #: 410-192708-1
Address: 777 New Durham Road,	Due Date Requested: 11/14/2024			Preservation Codes. N None
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
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)	8270E/3510C_LVI (MOD) TCL 4.3 SVOCs	8270E/3546 (MOD) TCL 4.3 SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
MW-13_20241030 (410-192708-88)	10/30/24	09 15 Eastern	G	Water			X		1	
MW-03_20241030 (410-192708-90)	10/30/24	10:45 Eastern	G	Water			X		1	
MW-11_20241030 (410-192708-91)	10/30/24	14:25 Eastern	G	Water			X		1	
MW-12_20241030 (410-192708-92)	10/30/24	16:20 Eastern	G	Water			X		1	
MW-04_20241031 (410-192708-93)	10/31/24	12:00 Eastern	G	Water			X		1	
SED-01_0-1_20241101 (410-192708-94)	11/1/24	10.15 Eastern	G	Solid				X	1	
SED-01_0-1_20241101 (410-192708-94MS)	11/1/24	10 15 Eastern	G	Solid				X	1	
SED-01_0-1_20241101 (410-192708-94MSD)	11/1/24	10 15 Eastern	G	Solid				X	1	
SED-02_0-1_20241101 (410-192708-95)	11/1/24	10.50 Eastern	G	Solid				X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Lancaster Laboratories Environment Testing, 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 Lancaster Laboratories Environment Testing, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Lancaster Laboratories Environment Testing, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Lancaster Laboratories Environment Testing, 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]	11/4/24 1436	Eurofins	[signature]	11/5/24 1035	[signature]
[signature]	11/5/24 1550	[signature]	[signature]	11/5/24 1550	[signature]
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: 1.1/1.3°; 4.8/5.0°C IR9

Ver: 10 1 24

Eurofins Lancaster Laboratories Environm
2425 New Holland Pike
Lancaster PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Badman Vanessa	Carrier Tracking No(s): N/A	COC No: 410-3221778.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Vanessa Badman@et.eurofinsus.com	State of Origin: Maryland	Page: Page 2 of 2
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): N/A		Job #: 410-192708-1
Address: 777 New Durham Road,	Due Date Requested: 11/14/2024			Preservation Codes: N None
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
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)	8270E/3510C_LVI (MOD) TCL 4.3 SVOCs	8270E/3546 (MOD) TCL 4.3 SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	X	
SED-03_0-1_20241101 (410-192708-96)	11/1/24	12:30 Eastern	G	Solid				X	1	
FD-06_20241101 (410-192708-97)	11/1/24	Eastern	G	Solid				X	1	
SW-01_20241101 (410-192708-98)	11/1/24	10 05 Eastern	G	Water			X		1	
SW-02_20241101 (410-192708-99)	11/1/24	10 50 Eastern	G	Water			X		1	
EB-02_20241101 (410-192708-100)	11/1/24	09:00 Eastern	G	Water			X		1	
FB-06_20241101 (410-192708-101)	11/1/24	09.10 Eastern	G	Water			X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Lancaster Laboratories Environment Testing, 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 Lancaster Laboratories Environment Testing, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Lancaster Laboratories Environment Testing, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Lancaster Laboratories Environment Testing, 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
	11/4/24 1436	Eurofins		11/5/24 1035	Eurofins
	11/5/24 1550	Eurofins		11/5/24 1550	Eurofins

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks.

Ver 10/1 2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-1

Login Number: 192708
List Number: 1
Creator: Foreman, Kai

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-1

Login Number: 192708
List Number: 2
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	False	Container preservation not listed on COC.
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.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-1

Login Number: 192708
List Number: 3
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	False	No date or time on COC or containers.
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.	False	No date or time on COC or sample containers.
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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-1

Login Number: 192708
List Number: 4
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-1

Login Number: 192708
List Number: 6
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-1

Login Number: 192708
List Number: 7
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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.	True	
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	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-1

Login Number: 192708
List Number: 8
Creator: Jeremiah, Cory T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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.	False	Analysis listed on COC; individual sample not designated for specific analyses.
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.	True	
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)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-1

Login Number: 192708
List Number: 5
Creator: Armbruster, Chris

List Source: Eurofins Edison
List Creation: 10/31/24 11:19 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	1.3/1.5, 1.0/1.2, 1.4/1.6°C IR9
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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-1

Login Number: 192708
List Number: 9
Creator: Armbruster, Chris

List Source: Eurofins Edison
List Creation: 11/05/24 04:01 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	1.1/1.3°, 4.8/5.0°C IR9
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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Molly Rudrow
Haley & Aldrich, Inc.
60 West St.
Suite 215
Annapolis, Maryland 21401

Generated 11/29/2024 9:24:07 AM

JOB DESCRIPTION

Spa Road Property Annapolis MD

JOB NUMBER

410-192708-2

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

my EOL

Eurofins Lancaster Laboratories Environment Testing, LLC

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
11/29/2024 9:24:07 AM

Authorized for release by
Vanessa Badman, Project Manager
Vanessa.Badman@et.eurofinsus.com
(717)556-9762

Eurofins Lancaster Laboratories Environment Testing, LLC

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Vanessa M. Badman

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Qualifiers

Dioxin

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
I	Value is EMPC (estimated maximum possible concentration).
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 Narrative
410-192708-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/16/2024 4:20 PM, 10/18/2024 3:58 PM, 10/25/2024 6:12 PM, 10/29/2024 5:15 PM, 10/31/2024 6:07 PM, 11/1/2024 4:25 PM and 11/4/2024 3:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 12 coolers at receipt time were 0.3°C, 0.6°C, 0.7°C, 0.9°C, 0.9°C, 1.4°C, 1.4°C, 1.6°C, 2.2°C, 2.7°C, 3.4°C and 4.8°C.

Receipt Exceptions
Samples 410-192708-24 through -75 were received on 10/18/24.

The Chain-of-Custody (COC) for samples received on 10/18/24 was incomplete as received. The COC is missing Sample Preservation. This does not meet regulatory requirements. Per the client, the number of containers received by the laboratory is correct. Client provided the below information:
For sample preservation, the following preservatives were applied in the appropriate laboratory-provided containers:
Soil:
VOCs 8260: MeOH, Ice
SVOCs 8270, PCBs 8082, PPL Metals 6020 (including mercury 7470), TPH DRO 8015, PAHs 8270, Cyanide 9012: Ice
TPH GRO 8015: MeOH, Ice

Water (Field and Trip Blanks):
PPL Metals 6020 and Mercury 7470: Nitric Acid, Ice
Cyanide 9012: Ascorbic Acid, NaOH, Ice
VOCs 8260, DRO 8015, GRO 8015: HCL, Ice
SVOCs 8270, PAHs 8270, PCBs 8082, Pesticides 8081, Herbicides 8151: Ice

The following sample(s) was listed on the Chain of Custody (COC); however, no sample(s) was received: TB-08_20241104 (11/04/24)

Dioxin
Method 8290A: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: SB-111_0-1 (410-192708-59) and SB-117_4-5 (410-192708-68). 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: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-2

Client Sample ID: SB-111_0-1 — Lab Sample ID: 410-192708-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.50	J I	1.3	0.26	ng/Kg	1	☼	8290A	Total/NA

Client Sample ID: SB-111_4-5 — Lab Sample ID: 410-192708-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDF	0.89	J I	1.2	0.23	ng/Kg	1	☼	8290A	Total/NA

Client Sample ID: FD-03_20241017 — Lab Sample ID: 410-192708-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDD	0.26	J I	1.1	0.22	ng/Kg	1	☼	8290A	Total/NA

Client Sample ID: SB-112_4-5 — Lab Sample ID: 410-192708-64

No Detections.

Client Sample ID: SB-116_4-5 — Lab Sample ID: 410-192708-66

No Detections.

Client Sample ID: SB-117_4-5 — Lab Sample ID: 410-192708-68

No Detections.

Client Sample ID: SB-119_0-1 — Lab Sample ID: 410-192708-71

No Detections.

Client Sample ID: SB-119_4-5 — Lab Sample ID: 410-192708-72

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-111_0-1
Lab Sample ID: 410-192708-59

Date Collected: 10/17/24 13:40
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 91.3

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	**0.50**	**J I**	1.3	0.26	ng/Kg	☼	11/22/24 21:36	11/26/24 04:49	1
2,3,7,8-TCDF	ND		1.3	0.26	ng/Kg	☼	11/22/24 21:36	11/26/24 04:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*56*		*40 - 135*	*11/22/24 21:36*	*11/26/24 04:49*	*1*
13C-2,3,7,8-TCDF	*62*		*40 - 135*	*11/22/24 21:36*	*11/26/24 04:49*	*1*

Client Sample ID: SB-111_4-5
Lab Sample ID: 410-192708-60

Date Collected: 10/17/24 13:45
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 85.4

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND	F1	1.2	0.23	ng/Kg	☼	11/22/24 21:36	11/26/24 05:42	1
2,3,7,8-TCDF	**0.89**	**J I**	1.2	0.23	ng/Kg	☼	11/22/24 21:36	11/26/24 05:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*73*		*40 - 135*	*11/22/24 21:36*	*11/26/24 05:42*	*1*
13C-2,3,7,8-TCDF	*77*		*40 - 135*	*11/22/24 21:36*	*11/26/24 05:42*	*1*

Client Sample ID: FD-03_20241017
Lab Sample ID: 410-192708-62

Date Collected: 10/17/24 00:00
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 90.4

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	**0.26**	**J I**	1.1	0.22	ng/Kg	☼	11/22/24 21:36	11/26/24 03:03	1
2,3,7,8-TCDF	ND		1.1	0.22	ng/Kg	☼	11/22/24 21:36	11/26/24 03:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*67*		*40 - 135*	*11/22/24 21:36*	*11/26/24 03:03*	*1*
13C-2,3,7,8-TCDF	*69*		*40 - 135*	*11/22/24 21:36*	*11/26/24 03:03*	*1*

Client Sample ID: SB-112_4-5
Lab Sample ID: 410-192708-64

Date Collected: 10/17/24 14:45
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 93.3

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		1.1	0.21	ng/Kg	☼	11/22/24 21:36	11/26/24 18:46	1
2,3,7,8-TCDF	ND		1.1	0.21	ng/Kg	☼	11/22/24 21:36	11/26/24 18:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*75*		*40 - 135*	*11/22/24 21:36*	*11/26/24 18:46*	*1*
13C-2,3,7,8-TCDF	*75*		*40 - 135*	*11/22/24 21:36*	*11/26/24 18:46*	*1*

Client Sample ID: SB-116_4-5
Lab Sample ID: 410-192708-66

Date Collected: 10/17/24 15:20
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 87.7

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		1.1	0.22	ng/Kg	☼	11/22/24 21:36	11/26/24 17:00	1
2,3,7,8-TCDF	ND		1.1	0.22	ng/Kg	☼	11/22/24 21:36	11/26/24 17:00	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-2

Client Sample ID: SB-116_4-5

Lab Sample ID: 410-192708-66
Date Collected: 10/17/24 15:20
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 87.7

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*57*		*40 - 135*	*11/22/24 21:36*	*11/26/24 17:00*	*1*
13C-2,3,7,8-TCDF	*61*		*40 - 135*	*11/22/24 21:36*	*11/26/24 17:00*	*1*

Client Sample ID: SB-117_4-5

Lab Sample ID: 410-192708-68
Date Collected: 10/18/24 08:25
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 81.7

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		12	2.3	ng/Kg	☼	11/22/24 21:36	11/26/24 17:53	1
2,3,7,8-TCDF	ND		12	2.3	ng/Kg	☼	11/22/24 21:36	11/26/24 17:53	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*62*		*40 - 135*	*11/22/24 21:36*	*11/26/24 17:53*	*1*
13C-2,3,7,8-TCDF	*66*		*40 - 135*	*11/22/24 21:36*	*11/26/24 17:53*	*1*

Client Sample ID: SB-119_0-1

Lab Sample ID: 410-192708-71
Date Collected: 10/18/24 10:15
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 94.0

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		1.1	0.21	ng/Kg	☼	11/22/24 21:36	11/26/24 19:39	1
2,3,7,8-TCDF	ND		1.1	0.21	ng/Kg	☼	11/22/24 21:36	11/26/24 19:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*54*		*40 - 135*	*11/22/24 21:36*	*11/26/24 19:39*	*1*
13C-2,3,7,8-TCDF	*56*		*40 - 135*	*11/22/24 21:36*	*11/26/24 19:39*	*1*

Client Sample ID: SB-119_4-5

Lab Sample ID: 410-192708-72
Date Collected: 10/18/24 10:20
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 84.6

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		1.2	0.23	ng/Kg	☼	11/22/24 21:36	11/26/24 03:56	1
2,3,7,8-TCDF	ND		1.2	0.23	ng/Kg	☼	11/22/24 21:36	11/26/24 03:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*57*		*40 - 135*	*11/22/24 21:36*	*11/26/24 03:56*	*1*
13C-2,3,7,8-TCDF	*65*		*40 - 135*	*11/22/24 21:36*	*11/26/24 03:56*	*1*

Isotope Dilution Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-2

Method: 8290A - Dioxins and Furans (HRGC/HRMS)

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

		Percent Isotope Dilution Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCDD (40-135)	TCDF (40-135)								
410-192708-59	SB-111_0-1	56	62								
410-192708-60	SB-111_4-5	73	77								
410-192708-60 MS	SB-111_4-5	68	71								
410-192708-60 MSD	SB-111_4-5	58	62								
410-192708-62	FD-03_20241017	67	69								
410-192708-64	SB-112_4-5	75	75								
410-192708-66	SB-116_4-5	57	61								
410-192708-68	SB-117_4-5	62	66								
410-192708-71	SB-119_0-1	54	56								
410-192708-72	SB-119_4-5	57	65								
LCS 410-578623/2-A	Lab Control Sample	78	79								
LCSD 410-578623/3-A	Lab Control Sample Dup	63	66								
MB 410-578623/1-A	Method Blank	63	66								

Surrogate Legend

TCDD = 13C-2,3,7,8-TCDD
TCDF = 13C-2,3,7,8-TCDF

Method: 8290A - Dioxins and Furans (HRGC/HRMS)

Lab Sample ID: MB 410-578623/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 578693 — **Prep Batch: 578623**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		1.0	0.20	ng/Kg		11/22/24 21:36	11/26/24 00:24	1
2,3,7,8-TCDF	ND		1.0	0.20	ng/Kg		11/22/24 21:36	11/26/24 00:24	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-2,3,7,8-TCDD	*63*		*40 - 135*	*11/22/24 21:36*	*11/26/24 00:24*	*1*
13C-2,3,7,8-TCDF	*66*		*40 - 135*	*11/22/24 21:36*	*11/26/24 00:24*	*1*

Lab Sample ID: LCS 410-578623/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 578693 — **Prep Batch: 578623**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,3,7,8-TCDD	20.0	22.6		ng/Kg		113	66 - 120
2,3,7,8-TCDF	20.0	22.2		ng/Kg		111	69 - 127

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*78*		*40 - 135*
13C-2,3,7,8-TCDF	*79*		*40 - 135*

Lab Sample ID: LCSD 410-578623/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 578693 — **Prep Batch: 578623**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,3,7,8-TCDD	20.0	23.7		ng/Kg		119	66 - 120	5	25
2,3,7,8-TCDF	20.0	21.2		ng/Kg		106	69 - 127	5	25

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*63*		*40 - 135*
13C-2,3,7,8-TCDF	*66*		*40 - 135*

Lab Sample ID: 410-192708-60 MS — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 578693 — **Prep Batch: 578623**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,3,7,8-TCDD	ND	F1	22.5	27.2	F1	ng/Kg	☼	121	66 - 120
2,3,7,8-TCDF	0.89	J I	22.5	26.1		ng/Kg	☼	112	69 - 127

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*68*		*40 - 135*
13C-2,3,7,8-TCDF	*71*		*40 - 135*

Lab Sample ID: 410-192708-60 MSD — **Client Sample ID: SB-111_4-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 578693 — **Prep Batch: 578623**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,3,7,8-TCDD	ND	F1	23.1	27.9	F1	ng/Kg	☼	121	66 - 120	3	25

Method: 8290A - Dioxins and Furans (HRGC/HRMS) (Continued)

Lab Sample ID: 410-192708-60 MSD
Client Sample ID: SB-111_4-5
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 578693
Prep Batch: 578623

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,3,7,8-TCDF	0.89	J I	23.1	24.7		ng/Kg	☼	103	69 - 127	6	25

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C-2,3,7,8-TCDD	*58*		*40 - 135*
13C-2,3,7,8-TCDF	*62*		*40 - 135*

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-2

Specialty Organics

Prep Batch: 578623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-59	SB-111_0-1	Total/NA	Solid	8290A	
410-192708-60	SB-111_4-5	Total/NA	Solid	8290A	
410-192708-62	FD-03_20241017	Total/NA	Solid	8290A	
410-192708-64	SB-112_4-5	Total/NA	Solid	8290A	
410-192708-66	SB-116_4-5	Total/NA	Solid	8290A	
410-192708-68	SB-117_4-5	Total/NA	Solid	8290A	
410-192708-71	SB-119_0-1	Total/NA	Solid	8290A	
410-192708-72	SB-119_4-5	Total/NA	Solid	8290A	
MB 410-578623/1-A	Method Blank	Total/NA	Solid	8290A	
LCS 410-578623/2-A	Lab Control Sample	Total/NA	Solid	8290A	
LCSD 410-578623/3-A	Lab Control Sample Dup	Total/NA	Solid	8290A	
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	8290A	
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	8290A	

Analysis Batch: 578693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-59	SB-111_0-1	Total/NA	Solid	8290A	578623
410-192708-60	SB-111_4-5	Total/NA	Solid	8290A	578623
410-192708-62	FD-03_20241017	Total/NA	Solid	8290A	578623
410-192708-72	SB-119_4-5	Total/NA	Solid	8290A	578623
MB 410-578623/1-A	Method Blank	Total/NA	Solid	8290A	578623
LCS 410-578623/2-A	Lab Control Sample	Total/NA	Solid	8290A	578623
LCSD 410-578623/3-A	Lab Control Sample Dup	Total/NA	Solid	8290A	578623
410-192708-60 MS	SB-111_4-5	Total/NA	Solid	8290A	578623
410-192708-60 MSD	SB-111_4-5	Total/NA	Solid	8290A	578623

Analysis Batch: 579742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-64	SB-112_4-5	Total/NA	Solid	8290A	578623
410-192708-66	SB-116_4-5	Total/NA	Solid	8290A	578623
410-192708-68	SB-117_4-5	Total/NA	Solid	8290A	578623
410-192708-71	SB-119_0-1	Total/NA	Solid	8290A	578623

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-2

Client Sample ID: SB-111_0-1 — Lab Sample ID: 410-192708-59

Date Collected: 10/17/24 13:40 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 91.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8290A			578623	SA8Q	ELLE	11/22/24 21:36
Total/NA	Analysis	8290A		1	578693	AQ46	ELLE	11/26/24 04:49

Client Sample ID: SB-111_4-5 — Lab Sample ID: 410-192708-60

Date Collected: 10/17/24 13:45 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 85.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8290A			578623	SA8Q	ELLE	11/22/24 21:36
Total/NA	Analysis	8290A		1	578693	AQ46	ELLE	11/26/24 05:42

Client Sample ID: FD-03_20241017 — Lab Sample ID: 410-192708-62

Date Collected: 10/17/24 00:00 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 90.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8290A			578623	SA8Q	ELLE	11/22/24 21:36
Total/NA	Analysis	8290A		1	578693	AQ46	ELLE	11/26/24 03:03

Client Sample ID: SB-112_4-5 — Lab Sample ID: 410-192708-64

Date Collected: 10/17/24 14:45 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 93.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8290A			578623	SA8Q	ELLE	11/22/24 21:36
Total/NA	Analysis	8290A		1	579742	ABB4	ELLE	11/26/24 18:46

Client Sample ID: SB-116_4-5 — Lab Sample ID: 410-192708-66

Date Collected: 10/17/24 15:20 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 87.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8290A			578623	SA8Q	ELLE	11/22/24 21:36
Total/NA	Analysis	8290A		1	579742	ABB4	ELLE	11/26/24 17:00

Client Sample ID: SB-117_4-5 — Lab Sample ID: 410-192708-68

Date Collected: 10/18/24 08:25 — **Matrix: Solid**
Date Received: 10/18/24 15:58 — **Percent Solids: 81.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8290A			578623	SA8Q	ELLE	11/22/24 21:36
Total/NA	Analysis	8290A		1	579742	ABB4	ELLE	11/26/24 17:53

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-2

Client Sample ID: SB-119_0-1

Lab Sample ID: 410-192708-71

Date Collected: 10/18/24 10:15
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8290A			578623	SA8Q	ELLE	11/22/24 21:36
Total/NA	Analysis	8290A		1	579742	ABB4	ELLE	11/26/24 19:39

Client Sample ID: SB-119_4-5

Lab Sample ID: 410-192708-72

Date Collected: 10/18/24 10:20
Date Received: 10/18/24 15:58

Matrix: Solid
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8290A			578623	SA8Q	ELLE	11/22/24 21:36
Total/NA	Analysis	8290A		1	578693	AQ46	ELLE	11/26/24 03:56

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-2

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 410-192708-2
Project/Site: Spa Road Property Annapolis MD

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-2

Method	Method Description	Protocol	Laboratory
8290A	Dioxins and Furans (HRGC/HRMS)	SW846	ELLE
8290A	Soxhlet Extraction of Dioxins and Furans	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-192708-59	SB-111_0-1	Solid	10/17/24 13:40	10/18/24 15:58
410-192708-60	SB-111_4-5	Solid	10/17/24 13:45	10/18/24 15:58
410-192708-62	FD-03_20241017	Solid	10/17/24 00:00	10/18/24 15:58
410-192708-64	SB-112_4-5	Solid	10/17/24 14:45	10/18/24 15:58
410-192708-66	SB-116_4-5	Solid	10/17/24 15:20	10/18/24 15:58
410-192708-68	SB-117_4-5	Solid	10/18/24 08:25	10/18/24 15:58
410-192708-71	SB-119_0-1	Solid	10/18/24 10:15	10/18/24 15:58
410-192708-72	SB-119_4-5	Solid	10/18/24 10:20	10/18/24 15:58

Eurofins
2425 New
Lancaster
Phone (71

410-192708 Chain of Custody

Chain of Custody Record

eurofins | Environment Testing America

Client In	Sampler: JRM, MR, EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s): —	COC No:
Client Contact: Molly Rudrow	Phone: Same	E-Mail: Same	State of Origin: Maryland	Page: 1 of 3
Company: Haley&Aldrich	PWSID: —			Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): Standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #: 209099-02-001-02			
Email: Mrudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
Site: Same	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	MS/MSD (Yes or No)	VOCs - 8260	SVOCs - 8270	PCBs - 8082	PPL Metals - 6020 Mercury	TPH DRO - 8015	TPH GRO - 8015	PAHs - 8270	Cyanide - 9012						Total Number of containers	Special Instructions/Note:
			Preservation Code:				H	H	H	H	H	H	H	H							
SB-105_4-5	10/14/24	900	G	S			✓	✓	✓	✓	✓	✓		✓						8	
SB-107_0-1		1015							✓	✓			✓	✓						3	
SB-107_4-5		1020							✓	✓			✓	✓						3	
SB-104_0-1		1045						✓		✓				✓						1	
SB-104_4-5		1050					✓	✓		✓				✓						5	
SB-106_0-1		1145						✓		✓				✓						1	
SB-106_4-5		1150					✓	✓		✓				✓						5	
SB-103_0-1		1330						✓		✓				✓						1	
SB-103_4-5		1335					✓	✓		✓				✓						5	
FD-01_20241014		13:40					✓	✓		✓				✓						5	
TB-01-20241014	10/14/24	—	G	W			[redacted]	[redacted]	SM	[redacted]	SM	[redacted]	[redacted]	SM	[redacted]					2	

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 TBD Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Retain samples for potential addtl. analysis

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J. Martins	10/16/24 8:00	H+A	[illegible]	10/16/24 800	H+A
M. Rudrow	10/16/24 1025	H+A	[illegible]	10/16/24 1025	ELLE
[illegible]	10/16/24 1620	ELLE	[illegible]	10/16/24 16:20	ELLET

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 008154, 008155

Cooler Temperature(s) °C and Other Remarks: Ra: 1.6-5.0 cor: 1.4-4.8

KF

Ver: 01/16/2019

11/29/2024

.ins Lancaster Laboratories Env, LLC
5 New Holland Pike
.ancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: JRM / EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s): —	COC No:
Client Contact: Molly Rudrow	Phone: Same	E-Mail: Same	State of Origin: Maryland	Page: 2 of 3
Company: Haley&Aldrich	PWSID: —			Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #: 209099-02-001-02			
Email: Mrudrow@haleyaldrich.com	WO #: —			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
Site: Same	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PAHs - 8270	PAL Metals 6020 + mercury	Cyanide - 9012	SVOCs - 8270	VOCs - 8260	PCBs - 8082	TPH DRO - 8015	TPH GRO - 8015	Total Number of containers	Special Instructions/Note:
			Preservation Code:				P	P	I	I	F	I	I	F		
SB-102_0-1	10/14/24	1420	G	S			✓	✓	✓						2	
SB-102_4-5	10/14/24	1425	G	S			✓	✓	✓						2	
SB-100_0-1	10/14/24	1520	G	S				✓	✓	✓					1	
SB-100_4-5	10/14/24	1530	G	S		✓		✓	✓	✓	✓				5	MS/MSD
SB-100_18-20	10/14/24	1640	G	S				✓	✓	✓	✓				5	
SB-104_4-5	10/15/24	0830	G	S				✓	✓	✓	✓				5	
SB-113_0-1	10/15/24	1210	G	S			✓					✓			2	
SB-113_4-5	10/15/24	1220	G	S		✓	✓				✓	✓	✓	✓	8	MS/MSD
SB-114_10-12	10/15/24	1345	G	S			✓				✓		✓	✓	7	
FD-02_20241015	10/15/24	1345	G	S			✓				✓		✓	✓	7	
TB-02-20241015	10/15/24	—	G	W							✓				2	

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 TBD Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: * RETAIN SAMPLES FOR POT. ADDTL. * Aina

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
J. Martins	10/16/24 8:00	H+A	[illegible]	10/16/24 800	H+A
[illegible]	10/16/24 1025	H+A	[illegible]	10/16/24 1025	ELLE
[illegible]	10/16/24 1620	ELLE	[illegible]	10/16/24 16:20	ELLET

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.: 008154, 008155
Cooler Temperature(s) °C and Other Remarks: Tem 1.6-5.0 cor. 1.4-4.8

Ver: 01/16/2019

11/29/2024

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JM / MR / KR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No:
Client Contact: Molly Rudrow	Phone: same	E-Mail: same	State of Origin: Maryland	Page: 3 of 3
Company: Haley&Aldrich	PWSID:			Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #: 209099-08-0001-0			
Email: Mrudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
Site: same	SSOW#:			

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020 MOD PPL	7470 Mercury	9012 Local method	8260 VOCs TICs + TPH	8270 TCL SVOCs + TICs	8270 PAHs	8082 PCBs	8081 Pesticides	8015 DRO	8015 GRO	8151 Herbicides			Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	H	A	I	I	I	I	A	A	I				
FB-01_20241015	10/15/24	815	G	W			X	X	X	X	X	X	X	X	X	X	X			15	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

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 TBD Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Retain samples for potential addtl. analysis

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
J Martins	10/16/24 8:00	H+A	[illegible]	10/16/24 800	H&A
JM. Rudrow	10/16/24 1025	H&A	[illegible]	10/16/24 1025	ELLE
[illegible]	10/16/24 1620	ELLE	[illegible]	10/16/24 16:20	ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 008154, 008155	Cooler Temperature(s) °C and Other Remarks: 1a.1.6-5.0 cor 1.4-4.8

Ver: 01/16/2019

11/29/2024

Eurofins Lan
2425 New Hollan
Lancaster, PA 1
Phone (717) 656

410-192708 Chain of Custody

Chain of Custody Record

eurofins | Environment Testing America

JRM, EMR

Client Inform	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: 410-192708-1
Client Contact: Molly Rudrow	E-Mail:	State of Origin: Maryland	Page:
Company: Haley&Aldrich	PWSID:		Job #:
Address: 60 West Street, Suite 215	Due Date Requested:		
City: Annapolis, MD	TAT Requested (days):		
State, Zip: 21401	Compliance Project: Δ Yes Δ No		
Phone:	PO #:		
Email: Mrudrow@haleyaldrich.com	WO #:		
Project Name: Spa Road Property Annapolis MD	Project #: 41021905		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	VOCs - 8260	PAHs - 8270	TPH DRO - 8015	TPH GRO - 8015	Cyanide - 9012	PPL Metals - 6020 + mercury	Pesticides - 8081	Herbicides - 8151	Total Number of containers	Special Instructions/Note:
			Preservation Code:													
SB-115_4-5	10/16/24	945	G	S			✓	✓	✓	✓	✓				7	
SB-115_21-23	10/16/24	950	G	S			✓	✓	✓	✓	✓				7	
SB-115_29-30	10/16/24	955	G	S			✓	✓	✓	✓	✓				7	
N-3N-0-1	10/16/24	1130	G	S							✓	✓	✓	✓	2	
N-3N-1-2	10/16/24	1132	G	S							✓	✓			1	
N-3N-2-3	10/16/24	1134	G	S							✓	✓			1	
N-3S_0-1	10/16/24	1340	G	S							✓	✓	✓	✓	2	
N-3S_1-2	10/16/24	1342	G	S							✓	✓			1	
N-3S_2-3	10/16/24	1344	G	S							✓	✓			1	
N-3W-0-1	10/16/24	1435	G	S							✓	✓			1	
N-3W_1-2	10/16/24	1436	G	S							✓	✓			1	

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
J. Martins	10/18/24	H+A	[signature]	10/18/24 12:00	ELLE
[signature]	10/18/24 1558	ELLE			
			[signature]	10/18/24 1558	ELLE

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 008156, 008154, 008158

Cooler Temperature(s) °C and Other Remarks: R 0.9-2.2 C 0.9-2.2

Ver: 01/16/2019

11/29/2024

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JRM, EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: 440-192708-1
Client Contact: Molly Rudrow	Phone: Same	E-Mail: Same	State of Origin: Maryland	Page:
Company: Haley&Aldrich	PWSID:	Analysis Requested		Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): Standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #:			
Email: Mrudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 209099-002-001-02			
Site: Same	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PPL Metals - 6020 + Mercury	Cyanide - 9012	Pesticides - 8081	Herbicides - 8151	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
N-3W-2-3	10/16/24	1437	G	S			✓	✓			1	
N-3E-0-1	10/16/24	1355	G	S			✓	✓			1	
N-3E-1-2	10/16/24	1356	G	S			✓	✓			1	
N-3E-2-3	10/16/24	1357	G	S			✓	✓			1	
C-2N-0-1	10/16/24	1630	G	S			✓	✓	✓	✓	2	
C-2N-1-2	10/16/24	1631	G	S			✓	✓			1	
C-2N-2-3	10/16/24	1632	G	S			✓	✓			1	
C-2S-0-1	10/17/24 [redacted]	0809	G	S			✓	✓			1	
C-2S-1-2	10/17/24 [redacted]	0805	G	S			✓	✓			1	
C-2S-2-3	10/17/24 [redacted]	0806	G	S			✓	✓			1	
C-2E-0-1	10/16/24	1530	G	S			✓	✓			1	

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: **Hold soil samples for potential additional analysis**

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
J. Martins	10/18/24	H&A	[signature]	10/18/24 1222	ELLE
[signature]	10/18/24 1558	ELLE			
			[signature]	10/18/24 1558	ELLE

Custody Seals Intact: ✓ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: C 0.9-2.2 C 0.9-2.2

Ver: 01/16/2019

11/29/2024

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: JRM / EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: 410-192708-1
Client Contact: Molly Rudrow	Phone: Same	E-Mail: Same	State of Origin: Maryland	Page:
Company: Haley&Aldrich	PWSID:			Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): Standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #:			
Email: Mrudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 209099-002-001-02			
Site: Same	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PPL Metals-6020 + Mercury	Cyanide-9012	SVOCs - 8270	VOCs - 8260	TCDD + TCDF - 8290	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
C-2E_1-2	10/16/24	1531	G	S			✓	✓				1	
C-2E_2-3	10/16/24	1532	G	S			✓	✓				1	
C-2W_0-1	10/17/24	850	G	S			✓	✓				1	
C-2W-1-2	10/17/24	851	G	S			✓	✓				1	
C-2W_2-3	10/17/24	852	G	S			✓	✓				1	
SB-110_0-1	10/17/24	1010	G	S			✓	✓	✓			1	
SB-110_4-5	10/17/24	1015	G	S			✓	✓	✓	✓		5	
TB-03-20241017	10/17/24									✓		4	
SB-109_0-1	10/17/24	1055	G	S			✓	✓	✓			1	
SB-109_4-5	10/17/24	1100	G	S			✓	✓	✓	✓		5	Caution, glass in soil
SB-108_0-1	10/17/24	1140	G	S			✓	✓	✓			1	

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: **Hold soil samples for potential additional analysis**

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
J. Martins	10/18/24	H&A	[signature]	10/18/24 1212	ELLE
[signature]	10/18/24 1558	ELLE			
			[signature]	10/18/24 1558	ellet

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R 0.9-2.2 C 0.9-2.2

Ver: 01/16/2019

11/29/2024

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JRM EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: 46-192708-1
Client Contact: Molly Rudrow	Phone: Same	E-Mail: Same	State of Origin: Maryland	Page:
Company: Haley&Aldrich	PWSID:			Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): Standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #:			
Email: Mrudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 209099-002-001-02			
Site: Same	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PPL Metals - 6020 + Mercury	Cyanide - 9012	SVOCs - 8270	VOCs - 8260	PCBs - 8082	TCDD + TCDF - 8290	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SB-108_4-5	10/17/24	11 45	G	S			✓	✓	✓	✓			5	
SB-108_16-18	10/17/24	11 50	G	S			✓	✓	✓				1	
SB-111-0-1	10/17/24	1340	G	S			✓	✓	✓		✓	✓	3	
SB-111_4-5	10/17/24	13 45	G	S		Y	✓	✓	✓	✓	✓	✓	21	MS/MSD
FB-02-20241017	10/17/24	12 45	G	W			✓	✓	✓	✓			7	
FD-03-20241017	10/17/24		G	S			✓	✓	✓		✓	✓	3	
SB-112_0-1	10/17/24	14:40	G	S			✓	✓	✓				1	
SB-112_4-5	10/17/24	1445	G	S			✓	✓	✓	✓		✓	6	
SB-116_0-1	10/17/24	1515	G	S			✓	✓	✓				1	
SB-116_4-5	10/17/24	1520	G	S			✓	✓	✓	✓		✓	6	

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: **Hold soil samples for potential additional analysis**

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
J. Martins	10/18/24	H+A	[signature]	10/18/24 1212	ECLE
[signature]	10/18/24 1558	ECLE			
			[signature]	10/18/24 1558	ECLE

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R 0.9-2.2 < 0.9-2.2

Ver: 01/16/2019

11/29/2024

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: JRM/EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: 410-192708-1
Client Contact: Molly Rudrow	Phone: Same	E-Mail: Same	State of Origin: Maryland	Page:
Company: Haley&Aldrich	PWSID:			Job #:
Address: 60 West Street, Suite 215	Due Date Requested:			
City: Annapolis, MD	TAT Requested (days): Standard			
State, Zip: 21401	Compliance Project: Δ Yes Δ No			
Phone: 443-955-0875	PO #:			
Email: Mrudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 209099-002-001-02			
Site: Same	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PPL Metals - 6020 +Mercury	Cyanide - 9012	SVOCs - 8270	VOCs - 8260	TCDD+TCDF - 8290	TPH DRO - 8015	TPH GRO - 8015	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SB-117_0-1	10/18/24	8 20	G	S			✓	✓	✓			✓	✓	3	
SB-117_4-5	10/18/24	8 25	G	S			✓	✓	✓	✓	✓			6	
SB-118_0-1	10/18/24	9 15	G	S		Y	✓	✓	✓			✓	✓	4	MS/MSD
SB-118_4-5	10/18/24	9 20	G	S			✓	✓	✓	✓				5	
SB-119_0-1	10/18/24	1015	G	S			✓	✓	✓		✓			2	
SB-119_4-5	10/18/24	1020	G	S			✓	✓	✓	✓	✓			6	
FD-04-20241018	10/18/24		G	S			✓	✓	✓	✓				1	Only 6020, 9012 BM
FB-04-20241018	10/18/24	11:00	G	W			✓	✓							
TB-04-20241018	10/18/24									✓					

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: **Hold soil samples for potential additional analysis**

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
J. Martins	10/18/24	H&A	[illegible]	10/18/24 1212	ELLE
[illegible]	10/18/24 1558	ELLE			
			Stan Fuhrer	10/18/24 1558	Ellet

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R 0.9-2.2 C 0.9-2.2

Ver: 01/16/2019

11/29/2024

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster, PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of C

410-192708 Chain of Custody

eurofins | Environment Testing

Client Information	Sampler: JRM/EMR	Carrier Tracking No(s):	COC No: 4[redacted]-3 410-192708-1
Client Contact: Molly Rudrow	Phone:	State of Origin: MD	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:		Job #
Address: 60 West St. Suite 215	Due Date Requested:		
City: Annapolis	TAT Requested (days): Standard, 2-week		
State, Zip: MD, 21401	Compliance Project: Δ Yes ☑ No		
Phone:	PO #: Purchase Order Requested		
Email: MRudrow@haleyaldrich.com	WO #:		
Project Name: Spa Road Property Annapolis MD	Project #: 41021905		
Site: Spa Road	SSOW#:		

Analysis Requested

Preservation Codes:
A - HCL
N - None
D - HNO3
HB - AscbAcd&NaOH
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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - (MOD) TCL VOCs 4.3	8082A - Standard PCB List	8270E - (MOD) TCL 4.3 SVOCs	6020B, 7470A	[redacted]	8270E - 16 PAHs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	D	HB	N		
MW-15_20241024	10/24/24	15:40	G	Water	N		✓	✓	✓	✓			8	
FB-05_20241024	10/24/24	14:15	G	Water	N		✓	✓	✓	✓			8	These samples are
TB-05_20241024	10/24/24		G	Water	N		✓						2	to be appended to
EB-01_20241024	10/24/24	16:30	G	Water	N		✓	✓	✓	✓			8	Job 410-192708-1,
MW-14_20241025	10/25/24	9:50	G	Water	N		✓	✓	✓	✓			8	submitted on
FD-05_20241025	10/25/24		G	Water	N		✓	✓	✓	✓			8	10/18/2024
~~MW-13_20241025~~	~~10/25/24~~		~~G~~	~~Water~~	~~N~~		~~✓~~	~~✓~~	~~✓~~	~~✓~~			~~8~~	
				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: J. Martins	Date/Time: 10/25/24 1405	Company: H+A	Received by:	Date/Time: 10/25/24 1405	Company: ELCE	
Relinquished by:	Date/Time: 10/25/24 1812	Company: ELCE	Received by:	Date/Time:	Company:	
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: 10/25/24 1812	Company:	

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.: 008474
Cooler Temperature(s) °C and Other Remarks: 2.5-(2.)

410-192708 Chain of Custody

es Environme

Chain of Custody Record

eurofins | Environment Testing

	Sampler: JRM/EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: ~~410-433240-37942.1~~ 410-192708-
Client Contact: Molly Rudrow	Phone:	E-Mail: Vanessa.Badman@et.eurofinsus.com	State of Origin: MD	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:			Job #:
Address: 60 West St. Suite 215	Due Date Requested:			
City: Annapolis	TAT Requested (days):			
State, Zip: MD, 21401	Compliance Project: Δ Yes ☒ No			
Phone:	PO #: Purchase Order Requested			
Email: MRudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL
N - None
D - HNO3
HB - AscbAcd&NaOH

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - (MOD) TCL VOCs 4.3	8082A - Standard PCB List	8270E - (MOD) TCL 4.3 SVOCs	6020B, 7470A	[redacted]	8270E - 16 PAHs								Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	D	HB	N									
MW-10_20241028	10/28/24	10:20	G	Water	N		✓	✓	✓	✓										3	These samples are
MW-08-20241028	10/28/24	11:30	G	Water	N	Y	✓	✓	✓	✓										24	to be appended to
MW-07-20241028	10/28/24	15:00	G	Water	N		✓	✓	✓	✓										8	Job 410-192708-1,
MW-06_20241028	10/28/24	13:30	G	Water	N		✓	✓	✓	✓										8	Submitted on
TB-06_20241028	10/28/24		G	Water	N		✓													2	10/18/2024
MW-09_20241029	10/29/24	09:20	G	Water	N		✓					✓								5	
				Water																	MS/MSD on MW-08
				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: 10/29/24 @ 1300	Company: H+A	Received by:		Date/Time: 10/29/24 1300	Company: ELLE	
Relinquished by:	Date/Time: 10/29/24 1715	Company: ELLE	Received by:		Date/Time:	Company:	
Relinquished by:	Date/Time:	Company:	Received by:		Date/Time: 10/29/24 1715	Company: Elliot	
Custody Seals Intact: ☒ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		9.0.9-3.6	cor 0.7-3.4	

Ver 05/06/2024

11/29/2024

410-192708 Chain of Custody

s Environme

Chain of Custody Record

eurofins | Environment Testing

Molly Rudrow	Sampler: JRM/EMR	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: 410-192708-1
	Phone:	E-Mail: Vanessa.Badman@et.eurofinsus.com	State of Origin: MD	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:			Job #:
Address: 60 West St. Suite 215	Due Date Requested:			
City: Annapolis	TAT Requested (days):			
State, Zip: MD, 21401	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 209099-002			
Email: MRudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
Site:	SSOW#:			

Preservation Codes:
N - None
D - HNO3
A - HCL

Other:

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E - (MOD) TCL 4.3 SVOCs	8082A - Standard PCB List	6020B, 7470A	8260D - (MOD) TCL VOCs 4.3	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	D	A		
MW-13_20241030	10/30/24	9:15	G	Water	N		✓	✓	✓	✓	8	These samples are
TB-07_20241030	10/30/24	[redacted]	[redacted]	Water						✓	2	to be appended to
MW-03_20241030	10/30/24	10:45	G	water	N		✓	✓	✓	✓	8	#410-192709-1,
MW-11_20241030	10/30/24	14:25	G	water	N		✓	✓	✓	✓	8	Submitted on 10/18/24
MW-12-20241030	10/30/24	16:20	G	water	N		✓	✓	✓	✓	8	
MW-04_20241031	10/31/24	12:00	G	water	N		✓	✓	✓	✓	8	

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
[signature]	10/25/24 1425	ECLE	[signature]	10/25/24 14:05	H+A
[signature]	10/31/24 1435	H+A	[signature]	10/31/24 1435	ECLE
[signature]	10/31/24 1807	ECLE	[signature]	10/31/24 1807	ECLE

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: R: 0.9 C: 0.3

HAA

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster, PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of C

410-192708 Chain of Custody

eurofins | Environment Testing

Client Information	Sampler: JRM, EMR	Carrier Tracking No(s):	COC No: ~~410-135002-38162.2~~ 410-192708-1
Client Contact: Molly Rudrow	Phone: Vanessa.Badman@et.eurofinsus.com	State of Origin: MD	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:		Job #:
Address: 60 West St. Suite 215	Due Date Requested:		Preservation Codes: F - MeOH, N - None, D- HNO_3, A-Phophoric
City: Annapolis	TAT Requested (days): Standard 2-week		
State, Zip: MD, 21401	Compliance Project: Δ Yes ☒ No		
Phone:	PO #: 209099-002		
Email: MRudrow@haleyaldrich.com	WO #:		
Project Name: Spa Road Property Annapolis MD	Project #: 41021905		Other:
Site: Spa Road	SSOW#:		

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	~~8260B (MOD) 10 VOC~~	~~8015D_GRO - Gasoline Range Organics~~	~~Percent Moisture~~	8270 - SVOCs	6020 + 7470 - Metals	8082 - PCBs	Lloyd Kahn Mod. TOC	5310C - Total Organic Carbon	pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:							N	D	N	N	A	N		
SED-01_0-1_20241101	11/01/2024	10:15	G	Solid		Y				✓	✓	✓	✓		✓	6	MS/MSD
SED-02_0-1_20241101		10:50		Solid						✓	✓	✓	✓		✓	2	
SED-03_0-1_20241101		12:30		Solid						✓	✓	✓	✓		✓	2	
FD-08-20241101		–		Solid						✓	✓	✓	✓		✓	2	
SW-01-20241101		10:05		~~Solid~~ water						✓	✓					3	
SW-02-20241101		10:50		~~Solid~~ water						✓	✓					3	
EB-02-20241101		9:00		~~Solid~~ water						✓	✓	✓				5	
FB-06_20241101		9:10		~~Solid~~ water						✓	✓	✓		✓		7	
				Solid													Please add to Job
				Solid													410-192708-1, submitted
				Solid													on 10/18/2024

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
J. Martins	11/01/2024 13:53	H+A	[signature]	11/1/24 1353	ELLE
[signature]	11/1/24 1625	ELLE			
			[signature]	11/1/24 16:25	ELLE T

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.0/0.6

Ver 05/06/2021

410-192708 Chain of Custody

onme

Chain of Custody Record

eurofins | Environment Testing

Sampler: EMR, SHS	Lab PM: Badman, Vanessa	Carrier Tracking No(s):	COC No: ~~[illegible]~~ 410-192708-1
Molly Rudrow	Phone:	E-Mail: Vanessa.Badman@et.eurofinsus.com	State of Origin: MD	Page: Page 1 of 1
Company: Haley & Aldrich, Inc.	PWSID:		Job #:
Address: 60 West St. Suite 215	Due Date Requested:		
City: Annapolis	TAT Requested (days):		
State, Zip: MD, 21401	Compliance Project: Δ Yes Δ No		
Phone:	PO #: 209099-002		
Email: MRudrow@haleyaldrich.com	WO #:		
Project Name: Spa Road Property Annapolis MD	Project #: 41021905		
Site: SPA Road	SSOW#:		

Preservation Codes: F - MeOH; N - None; D - HNO_3; A - Phosphoric; A - HCL; Other:

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	[redacted]	[redacted]	[redacted]	8270 - SVOCs	6020 + 7470 - Metals	8082 - PCBs	Lloyd Khan Mod. - TOC	8260D - (MOD) TCL VOCs 4.3	8082A - Standard PCB List	8270E - (MOD) TCL 4.3 SVOCs	6020B, 7470A			Total Number of containers	Special Instructions/Note:
			Preservation Code:				F	F	N	N	D	N	N								
SED-04_0-1_20241104	11/04/24	1015	G	Solid						✓	✓	✓	✓							2	
SED-05_0-1_20241104	↓	1000	↓	Solid						✓	✓	✓	✓							2	Please add to
SED-06_0-1_20241104		0940		Solid						✓	✓	✓	✓							2	Job #
SW-04_20241104		1015		~~Soil~~ water						✓	✓									3	410-192708-1,
SW-05_20241104		1000		~~Soil~~ water						✓	✓									3	submitted on
SW-06_20241104		0940		~~Soil~~ water																3	10/18/2024
TB-08_20241104	↓	—	↓	~~Soil~~ water										✓						2	
MW-05_20241104		1120		~~Soil~~ water										✓	✓	✓	✓			8	
				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
[signature]	11/04/2024 1155	HA	[signature]	11/4/24 1155	ELE
[signature]	11/4/24 1520	ELE			
			[signature]	11/4/24 15:20	ELE

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.3/0.9

Ver: 05/06/2024

11/29/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-2

Login Number: 192708
List Number: 1
Creator: Foreman, Kai

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-2

Login Number: 192708
List Number: 2
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	False	Container preservation not listed on COC.
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.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-2

Login Number: 192708
List Number: 3
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	False	No date or time on COC or containers.
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.	False	No date or time on COC or sample containers.
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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-2

Login Number: 192708
List Number: 4
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-2

Login Number: 192708
List Number: 6
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-2

Login Number: 192708
List Number: 7
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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.	True	
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	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-2

Login Number: 192708
List Number: 8
Creator: Jeremiah, Cory T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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.	False	Analysis listed on COC; individual sample not designated for specific analyses.
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.	True	
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)?	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Molly Rudrow
Haley & Aldrich, Inc.
60 West St.
Suite 215
Annapolis, Maryland 21401

Generated 12/10/2024 8:39:23 PM

JOB DESCRIPTION

Spa Road Property Annapolis MD

JOB NUMBER

410-192708-3

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

my EOL

Eurofins Lancaster Laboratories Environment Testing, LLC

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
12/10/2024 8:39:23 PM

Authorized for release by
Vanessa Badman, Project Manager
Vanessa.Badman@et.eurofinsus.com
(717)556-9762

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Vanessa M. Badman

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Qualifiers

HPLC/IC

Qualifier	Qualifier Description
cn	Refer to Case Narrative for further detail
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
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
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
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
410-192708-3

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/16/2024 4:20 PM, 10/18/2024 3:58 PM, 10/25/2024 6:12 PM, 10/29/2024 5:15 PM, 10/31/2024 6:07 PM, 11/1/2024 4:25 PM and 11/4/2024 3:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 12 coolers at receipt time were 0.3°C, 0.6°C, 0.7°C, 0.9°C, 0.9°C, 1.4°C, 1.4°C, 1.6°C, 2.2°C, 2.7°C, 3.4°C and 4.8°C.

Receipt Exceptions
Samples 410-192708-24 through -75 were received on 10/18/24.

The Chain-of-Custody (COC) for samples received on 10/18/24 was incomplete as received. The COC is missing Sample Preservation. This does not meet regulatory requirements. Per the client, the number of containers received by the laboratory is correct. Client provided the below information:
For sample preservation, the following preservatives were applied in the appropriate laboratory-provided containers:
Soil:
VOCs 8260: MeOH, Ice
SVOCs 8270, PCBs 8082, PPL Metals 6020 (including mercury 7470), TPH DRO 8015, PAHs 8270, Cyanide 9012: Ice
TPH GRO 8015: MeOH, Ice

Water (Field and Trip Blanks):
PPL Metals 6020 and Mercury 7470: Nitric Acid, Ice
Cyanide 9012: Ascorbic Acid, NaOH, Ice
VOCs 8260, DRO 8015, GRO 8015: HCL, Ice
SVOCs 8270, PAHs 8270, PCBs 8082, Pesticides 8081, Herbicides 8151: Ice

The following sample(s) was listed on the Chain of Custody (COC); however, no sample(s) was received: TB-08_20241104 (11/04/24)

HPLC/IC
Method 7199_ORGFM: The following sample(s) was analyzed outside of analytical holding time due to the analysis being added after the holding time expired. SB-105_4-5 (410-192708-1), C-2E_0-1 (410-192708-45) and SB-117_0-1 (410-192708-67).

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

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-3

Client Sample ID: SB-105_4-5 — Lab Sample ID: 410-192708-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	1.6	H cn	0.49	0.17	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: N-3W_1-2 — Lab Sample ID: 410-192708-34

No Detections.

Client Sample ID: C-2E_0-1 — Lab Sample ID: 410-192708-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.44	H cn	0.43	0.15	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: SB-108_16-18 — Lab Sample ID: 410-192708-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Elemental Mercury	0.49	J B	5.6	0.19	ng/g	100	☼	1631B	Total/NA

Client Sample ID: SB-117_0-1 — Lab Sample ID: 410-192708-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.22	J H cn	0.43	0.15	mg/Kg	1	☼	7199	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-3

Client Sample ID: SB-105_4-5

Lab Sample ID: 410-192708-1
Date Collected: 10/14/24 09:00
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 83.4

Method: SW846 7199 - Chromium, Hexavalent (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.6	H cn	0.49	0.17	mg/Kg	☼	12/05/24 00:50	12/10/24 04:17	1

Client Sample ID: N-3W_1-2

Lab Sample ID: 410-192708-34
Date Collected: 10/16/24 14:36
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 70.5

Method: EPA 1631B - Mercury, Low Level (CVAFS)
Lab: Eurofins Seattle Specialty Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Elemental Mercury	ND		5.6	0.19	ng/g	☼	12/09/24 11:43	12/10/24 13:22	100

Client Sample ID: C-2E_0-1

Lab Sample ID: 410-192708-45
Date Collected: 10/16/24 15:30
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 94.4

Method: SW846 7199 - Chromium, Hexavalent (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.44	H cn	0.43	0.15	mg/Kg	☼	12/04/24 23:43	12/09/24 19:30	1

Client Sample ID: SB-108_16-18

Lab Sample ID: 410-192708-58
Date Collected: 10/17/24 11:50
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 71.7

Method: EPA 1631B - Mercury, Low Level (CVAFS)
Lab: Eurofins Seattle Specialty Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Elemental Mercury	0.49	J B	5.6	0.19	ng/g	☼	12/09/24 11:43	12/10/24 13:26	100

Client Sample ID: SB-117_0-1

Lab Sample ID: 410-192708-67
Date Collected: 10/18/24 08:20
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 93.1

Method: SW846 7199 - Chromium, Hexavalent (IC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.22	J H cn	0.43	0.15	mg/Kg	☼	12/04/24 23:51	12/09/24 19:47	1

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-3

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 410-581243/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 584073 — **Prep Batch: 581243**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.40	0.14	mg/Kg		12/03/24 05:42	12/09/24 11:51	1

Lab Sample ID: LCS 410-581243/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 584073 — **Prep Batch: 581243**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.65		mg/Kg		93	80 - 120

Lab Sample ID: LCSI 410-581243/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 584073 — **Prep Batch: 581243**

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	650	537		mg/Kg		83	80 - 120

Lab Sample ID: MB 410-582261/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 584073 — **Prep Batch: 582261**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.40	0.14	mg/Kg		12/05/24 00:50	12/09/24 20:04	1

Lab Sample ID: LCS 410-582261/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 584073 — **Prep Batch: 582261**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.62		mg/Kg		92	80 - 120

Lab Sample ID: LCSI 410-582261/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 584073 — **Prep Batch: 582261**

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	836	838		mg/Kg		100	80 - 120

Method: 1631B - Mercury, Low Level (CVAFS)

Lab Sample ID: MB 350-3758/1-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 3803 — **Prep Batch: 3758**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Elemental Mercury	0.174	J	4.0	0.14	ng/g		12/09/24 11:43	12/10/24 12:36	100

Method: 1631B - Mercury, Low Level (CVAFS) (Continued)

Lab Sample ID: MB 350-3758/2-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 3803 — **Prep Batch: 3758**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Elemental Mercury	0.236	J	4.0	0.14	ng/g		12/09/24 11:43	12/10/24 12:41	100

Lab Sample ID: MB 350-3758/3-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 3803 — **Prep Batch: 3758**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Elemental Mercury	0.168	J	4.0	0.14	ng/g		12/09/24 11:43	12/10/24 12:53	100

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-3

HPLC/IC

Prep Batch: 581243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-45	C-2E_0-1	Total/NA	Solid	3060A	
410-192708-67	SB-117_0-1	Total/NA	Solid	3060A	
MB 410-581243/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-581243/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-581243/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Prep Batch: 582261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	3060A	
MB 410-582261/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-582261/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-582261/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 584073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-1	SB-105_4-5	Total/NA	Solid	7199	582261
410-192708-1	SB-105_4-5	Total/NA	Solid	7199	582261
410-192708-45	C-2E_0-1	Total/NA	Solid	7199	581243
410-192708-45	C-2E_0-1	Total/NA	Solid	7199	581243
410-192708-67	SB-117_0-1	Total/NA	Solid	7199	581243
410-192708-67	SB-117_0-1	Total/NA	Solid	7199	581243
MB 410-581243/1-A	Method Blank	Total/NA	Solid	7199	581243
MB 410-581243/1-A	Method Blank	Total/NA	Solid	7199	581243
MB 410-582261/1-A	Method Blank	Total/NA	Solid	7199	582261
MB 410-582261/1-A	Method Blank	Total/NA	Solid	7199	582261
LCS 410-581243/2-A	Lab Control Sample	Total/NA	Solid	7199	581243
LCS 410-581243/2-A	Lab Control Sample	Total/NA	Solid	7199	581243
LCS 410-582261/2-A	Lab Control Sample	Total/NA	Solid	7199	582261
LCS 410-582261/2-A	Lab Control Sample	Total/NA	Solid	7199	582261
LCSI 410-581243/3-A	Lab Control Sample	Total/NA	Solid	7199	581243
LCSI 410-581243/3-A	Lab Control Sample	Total/NA	Solid	7199	581243
LCSI 410-582261/3-A	Lab Control Sample	Total/NA	Solid	7199	582261
LCSI 410-582261/3-A	Lab Control Sample	Total/NA	Solid	7199	582261

Metals

Prep Batch: 3758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-34	N-3W_1-2	Total/NA	Solid	PEG Prep	
410-192708-58	SB-108_16-18	Total/NA	Solid	PEG Prep	
MB 350-3758/1-B	Method Blank	Total/NA	Solid	PEG Prep	
MB 350-3758/2-B	Method Blank	Total/NA	Solid	PEG Prep	
MB 350-3758/3-B	Method Blank	Total/NA	Solid	PEG Prep	

Prep Batch: 3772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-34	N-3W_1-2	Total/NA	Solid	30B	3758
410-192708-58	SB-108_16-18	Total/NA	Solid	30B	3758
MB 350-3758/1-B	Method Blank	Total/NA	Solid	30B	3758
MB 350-3758/2-B	Method Blank	Total/NA	Solid	30B	3758
MB 350-3758/3-B	Method Blank	Total/NA	Solid	30B	3758

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-3

Metals

Analysis Batch: 3803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-34	N-3W_1-2	Total/NA	Solid	1631B	3772
410-192708-58	SB-108_16-18	Total/NA	Solid	1631B	3772
MB 350-3758/1-B	Method Blank	Total/NA	Solid	1631B	3772
MB 350-3758/2-B	Method Blank	Total/NA	Solid	1631B	3772
MB 350-3758/3-B	Method Blank	Total/NA	Solid	1631B	3772

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-3

Client Sample ID: SB-105_4-5

Lab Sample ID: 410-192708-1
Date Collected: 10/14/24 09:00
Matrix: Solid
Date Received: 10/16/24 16:20
Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			582261	PQ9E	ELLE	12/05/24 00:50 - 12/05/24 20:45 [1]
Total/NA	Analysis	7199		1	584073	UJE2	ELLE	12/10/24 04:17
Total/NA	Prep	3060A			582261	PQ9E	ELLE	12/05/24 00:50 - 12/05/24 20:45 [1]
Total/NA	Analysis	7199		1	584073	UJE2	ELLE	12/10/24 04:25

Client Sample ID: N-3W_1-2

Lab Sample ID: 410-192708-34
Date Collected: 10/16/24 14:36
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 70.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PEG Prep			3758	AJD	EET SSM	12/09/24 11:43
Total/NA	Prep	30B			3772	AJD	EET SSM	12/09/24 15:28
Total/NA	Analysis	1631B		100	3803	CL	EET SSM	12/10/24 13:22

Client Sample ID: C-2E_0-1

Lab Sample ID: 410-192708-45
Date Collected: 10/16/24 15:30
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			581243	PQ9E	ELLE	12/04/24 23:43 - 12/05/24 19:00 [1]
Total/NA	Analysis	7199		1	584073	UJE2	ELLE	12/09/24 19:30
Total/NA	Prep	3060A			581243	PQ9E	ELLE	12/04/24 23:43 - 12/05/24 19:00 [1]
Total/NA	Analysis	7199		1	584073	UJE2	ELLE	12/09/24 19:39

Client Sample ID: SB-108_16-18

Lab Sample ID: 410-192708-58
Date Collected: 10/17/24 11:50
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 71.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PEG Prep			3758	AJD	EET SSM	12/09/24 11:43
Total/NA	Prep	30B			3772	AJD	EET SSM	12/09/24 15:28
Total/NA	Analysis	1631B		100	3803	CL	EET SSM	12/10/24 13:26

Client Sample ID: SB-117_0-1

Lab Sample ID: 410-192708-67
Date Collected: 10/18/24 08:20
Matrix: Solid
Date Received: 10/18/24 15:58
Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			581243	PQ9E	ELLE	12/04/24 23:51 - 12/05/24 19:00 [1]
Total/NA	Analysis	7199		1	584073	UJE2	ELLE	12/09/24 19:47
Total/NA	Prep	3060A			581243	PQ9E	ELLE	12/04/24 23:51 - 12/05/24 19:00 [1]
Total/NA	Analysis	7199		1	584073	UJE2	ELLE	12/09/24 19:56

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-3

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	12-31-24
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 410-192708-3
Project/Site: Spa Road Property Annapolis MD

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

Laboratory: Eurofins Seattle Specialty Metals

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	12-18-24
ANAB	Dept. of Defense ELAP	L2236	01-19-25
ANAB	Dept. of Energy	L2236.01	12-18-24
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-25
Florida	NELAP	E87575	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167-008	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
Washington	State	C788-23a	07-13-25
Wisconsin	State	399133460	12-18-24

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-3

Method	Method Description	Protocol	Laboratory
7199	Chromium, Hexavalent (IC)	SW846	ELLE
1631B	Mercury, Low Level (CVAFS)	EPA	EET SSM
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
30B	Preparation, Mercury (Carbon Sorbent Traps)	EPA	EET SSM
PEG Prep	Purge and Trap	EPA	EET SSM

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 SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-192708-1	SB-105_4-5	Solid	10/14/24 09:00	10/16/24 16:20
410-192708-34	N-3W_1-2	Solid	10/16/24 14:36	10/18/24 15:58
410-192708-45	C-2E_0-1	Solid	10/16/24 15:30	10/18/24 15:58
410-192708-58	SB-108_16-18	Solid	10/17/24 11:50	10/18/24 15:58
410-192708-67	SB-117_0-1	Solid	10/18/24 08:20	10/18/24 15:58

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster, PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Badman, Vanessa	Carrier Tracking No(s): N/A	COC No: 410-3272086.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Vanessa.Badman@et.eurofinsus.com	State of Origin: Maryland	Page: Page 1 of 1
Company: Eurofins Environment Testing Northwest,		Accreditations Required (See note): N/A		Job #: 410-192708-3
Address: 5755 8th Street East, ,	Due Date Requested: 12/6/2024			Preservation Codes: N - None
City: Tacoma	TAT Requested (days): N/A			
State, Zip: WA, 98424				
Phone: 253-922-2310(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			
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)	1631B/1631B_CAR_Prep Mercury, Elemental	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
N-3W_1-2 (410-192708-34)	10/16/24	14:36 Eastern	G	Solid			X	1	
SB-108_16-18 (410-192708-58)	10/17/24	11:50 Eastern	G	Solid			X	1	

Sm Blue

Therm. ID: SC03 Cust. Seal: Y / N
Uncorr./Corr. Temp: 4.2/4.3 °C
Delivery: UPS / FedEx / Other:
Ice Type: Blue / Dry / Wet / None
Label Ver.: Packing:

Note: Since laboratory accreditations are subject to change, Eurofins Lancaster Laboratories Environment Testing, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample... 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 Lancaster Laboratories Environment Testing, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Lancaster Laboratories Environment Testing, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Lancaster Laboratories Environment Testing, LLC.

Possible Hazard Identification 4211 7338 4020 *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]	11/25/24 14:21	EUET	[signature]	11/26/24 10:00	ECTN
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:

Ver: 10/10/2024

12/10/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-3

Login Number: 192708
List Number: 1
Creator: Foreman, Kai

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-3

Login Number: 192708
List Number: 2
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	False	Container preservation not listed on COC.
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.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-3

Login Number: 192708
List Number: 3
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	False	No date or time on COC or containers.
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.	False	No date or time on COC or sample containers.
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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-3

Login Number: 192708
List Number: 4
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-3

Login Number: 192708
List Number: 6
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-3

Login Number: 192708
List Number: 7
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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.	True	
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	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-3

Login Number: 192708
List Number: 8
Creator: Jeremiah, Cory T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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.	False	Analysis listed on COC; individual sample not designated for specific analyses.
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.	True	
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)?	True	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-3

Login Number: 192708
List Number: 10
Creator: Miller, Darren R

List Source: Eurofins Seattle Specialty Metals
List Creation: 11/26/24 03:43 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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	
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 containers received 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Molly Rudrow
Haley & Aldrich, Inc.
60 West St.
Suite 215
Annapolis, Maryland 21401

Generated 12/12/2024 4:41:34 PM

JOB DESCRIPTION

Spa Road Property Annapolis MD

JOB NUMBER

410-198023-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

my EOL

Eurofins Lancaster Laboratories Environment Testing, LLC

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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Authorized for release by
Vanessa Badman, Project Manager
Vanessa.Badman@et.eurofinsus.com
(717)556-9762

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Vanessa M. Badman

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
cn	Refer to Case Narrative for further detail

GC/MS Semi VOA

Qualifier	Qualifier Description
cn	Refer to Case Narrative for further detail

GC/MS Semi VOA TICs

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

Metals

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.

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 Narrative
410-198023-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/22/2024 8:50 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 time was 1.2°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 410-581786 recovered outside acceptance criteria, low biased, for 2-Butanone, 2-Hexanone and 4-Methyl-2-pentanone. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

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 410-585018 recovered above the upper control limit for Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate and N-Nitrosodiphenylamine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: SW-03_20241121 (410-198023-2).

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 410-585018 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane]. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

Client Sample ID: TB-09_20241121 — Lab Sample ID: 410-198023-1

No Detections.

Client Sample ID: SW-03_20241121 — Lab Sample ID: 410-198023-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	26		20	0.70	ug/L	1		8260D	Total/NA
Aluminum	350		25	12	ug/L	1		6020B	Total Recoverable
Antimony	0.26	J	1.0	0.20	ug/L	1		6020B	Total Recoverable
Arsenic	2.2		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	11		2.0	0.75	ug/L	1		6020B	Total Recoverable
Cadmium	0.27	J	0.50	0.15	ug/L	1		6020B	Total Recoverable
Chromium	1.4	J	2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	0.44	J	0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	14		1.0	0.36	ug/L	1		6020B	Total Recoverable
Lead	1.2		0.50	0.12	ug/L	1		6020B	Total Recoverable
Manganese	22		2.0	0.95	ug/L	1		6020B	Total Recoverable
Nickel	1.8		1.0	0.40	ug/L	1		6020B	Total Recoverable
Silver	0.15	J	0.50	0.10	ug/L	1		6020B	Total Recoverable
Zinc	73		10	4.0	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

Client Sample ID: TB-09_20241121

Lab Sample ID: 410-198023-1

Date Collected: 11/21/24 00:00
Matrix: Water
Date Received: 11/22/24 20:50

Method: SW846 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	0.30	ug/L			12/04/24 11:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			12/04/24 11:23	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/04/24 11:23	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			12/04/24 11:23	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			12/04/24 11:23	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			12/04/24 11:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			12/04/24 11:23	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			12/04/24 11:23	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			12/04/24 11:23	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			12/04/24 11:23	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			12/04/24 11:23	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			12/04/24 11:23	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			12/04/24 11:23	1
2-Butanone	ND	cn	10	0.50	ug/L			12/04/24 11:23	1
2-Hexanone	ND	cn	10	0.85	ug/L			12/04/24 11:23	1
4-Methyl-2-pentanone	ND	cn	10	0.50	ug/L			12/04/24 11:23	1
Acetone	ND		20	0.70	ug/L			12/04/24 11:23	1
Benzene	ND		1.0	0.30	ug/L			12/04/24 11:23	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/04/24 11:23	1
Bromoform	ND		4.0	1.0	ug/L			12/04/24 11:23	1
Bromomethane	ND		1.0	0.30	ug/L			12/04/24 11:23	1
Carbon disulfide	ND		5.0	0.30	ug/L			12/04/24 11:23	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			12/04/24 11:23	1
Chlorobenzene	ND		1.0	0.30	ug/L			12/04/24 11:23	1
Chloroethane	ND		1.0	0.30	ug/L			12/04/24 11:23	1
Chloroform	ND		1.0	0.30	ug/L			12/04/24 11:23	1
Chloromethane	ND		2.0	0.55	ug/L			12/04/24 11:23	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			12/04/24 11:23	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/04/24 11:23	1
Cyclohexane	ND		5.0	1.0	ug/L			12/04/24 11:23	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/04/24 11:23	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			12/04/24 11:23	1
Ethylbenzene	ND		1.0	0.40	ug/L			12/04/24 11:23	1
Freon 113	ND		10	0.30	ug/L			12/04/24 11:23	1
Isopropylbenzene	ND	*+	5.0	0.30	ug/L			12/04/24 11:23	1
Methyl acetate	ND		5.0	0.30	ug/L			12/04/24 11:23	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			12/04/24 11:23	1
Methylcyclohexane	ND		5.0	0.50	ug/L			12/04/24 11:23	1
Methylene Chloride	ND		1.0	0.30	ug/L			12/04/24 11:23	1
Styrene	ND		5.0	0.30	ug/L			12/04/24 11:23	1
Tetrachloroethene	ND		1.0	0.30	ug/L			12/04/24 11:23	1
Toluene	ND		1.0	0.30	ug/L			12/04/24 11:23	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			12/04/24 11:23	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/04/24 11:23	1
Trichloroethene	ND		1.0	0.30	ug/L			12/04/24 11:23	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			12/04/24 11:23	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/04/24 11:23	1
Xylenes, Total	ND		1.0	0.40	ug/L			12/04/24 11:23	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

Client Sample ID: TB-09_20241121

Lab Sample ID: 410-198023-1

Date Collected: 11/21/24 00:00
Matrix: Water
Date Received: 11/22/24 20:50

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		12/04/24 11:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		12/04/24 11:23	1
4-Bromofluorobenzene (Surr)	98		80 - 120		12/04/24 11:23	1
Dibromofluoromethane (Surr)	97		80 - 120		12/04/24 11:23	1
Toluene-d8 (Surr)	107		80 - 120		12/04/24 11:23	1

Client Sample ID: SW-03_20241121

Lab Sample ID: 410-198023-2

Date Collected: 11/21/24 13:50
Matrix: Water
Date Received: 11/22/24 20:50

Method: SW846 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	0.30	ug/L			12/04/24 11:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			12/04/24 11:46	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/04/24 11:46	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			12/04/24 11:46	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			12/04/24 11:46	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			12/04/24 11:46	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			12/04/24 11:46	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			12/04/24 11:46	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			12/04/24 11:46	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			12/04/24 11:46	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			12/04/24 11:46	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			12/04/24 11:46	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			12/04/24 11:46	1
2-Butanone	ND	cn	10	0.50	ug/L			12/04/24 11:46	1
2-Hexanone	ND	cn	10	0.85	ug/L			12/04/24 11:46	1
4-Methyl-2-pentanone	ND	cn	10	0.50	ug/L			12/04/24 11:46	1
Acetone	**26**		20	0.70	ug/L			12/04/24 11:46	1
Benzene	ND		1.0	0.30	ug/L			12/04/24 11:46	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/04/24 11:46	1
Bromoform	ND		4.0	1.0	ug/L			12/04/24 11:46	1
Bromomethane	ND		1.0	0.30	ug/L			12/04/24 11:46	1
Carbon disulfide	ND		5.0	0.30	ug/L			12/04/24 11:46	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			12/04/24 11:46	1
Chlorobenzene	ND		1.0	0.30	ug/L			12/04/24 11:46	1
Chloroethane	ND		1.0	0.30	ug/L			12/04/24 11:46	1
Chloroform	ND		1.0	0.30	ug/L			12/04/24 11:46	1
Chloromethane	ND		2.0	0.55	ug/L			12/04/24 11:46	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			12/04/24 11:46	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/04/24 11:46	1
Cyclohexane	ND		5.0	1.0	ug/L			12/04/24 11:46	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/04/24 11:46	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			12/04/24 11:46	1
Ethylbenzene	ND		1.0	0.40	ug/L			12/04/24 11:46	1
Freon 113	ND		10	0.30	ug/L			12/04/24 11:46	1
Isopropylbenzene	ND	*+	5.0	0.30	ug/L			12/04/24 11:46	1
Methyl acetate	ND		5.0	0.30	ug/L			12/04/24 11:46	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			12/04/24 11:46	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

Client Sample ID: SW-03_20241121

Lab Sample ID: 410-198023-2

Date Collected: 11/21/24 13:50
Date Received: 11/22/24 20:50

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		5.0	0.50	ug/L			12/04/24 11:46	1
Methylene Chloride	ND		1.0	0.30	ug/L			12/04/24 11:46	1
Styrene	ND		5.0	0.30	ug/L			12/04/24 11:46	1
Tetrachloroethene	ND		1.0	0.30	ug/L			12/04/24 11:46	1
Toluene	ND		1.0	0.30	ug/L			12/04/24 11:46	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			12/04/24 11:46	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/04/24 11:46	1
Trichloroethene	ND		1.0	0.30	ug/L			12/04/24 11:46	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			12/04/24 11:46	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/04/24 11:46	1
Xylenes, Total	ND		1.0	0.40	ug/L			12/04/24 11:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*12/04/24 11:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*12/04/24 11:46*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/04/24 11:46*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/04/24 11:46*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/04/24 11:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
2,2'-oxybis[1-chloropropane]	ND	cn	2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
2,4,5-Trichlorophenol	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
2,4,6-Trichlorophenol	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
2,4-Dichlorophenol	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
2,4-Dimethylphenol	ND		10	3.1	ug/L		11/27/24 15:19	12/12/24 07:18	1
2,4-Dinitrophenol	ND		31	14	ug/L		11/27/24 15:19	12/12/24 07:18	1
2,4-Dinitrotoluene	ND		5.1	1.0	ug/L		11/27/24 15:19	12/12/24 07:18	1
2,6-Dinitrotoluene	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
2-Chloronaphthalene	ND		1.0	0.41	ug/L		11/27/24 15:19	12/12/24 07:18	1
2-Chlorophenol	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
2-Methylnaphthalene	ND		0.51	0.10	ug/L		11/27/24 15:19	12/12/24 07:18	1
2-Methylphenol	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
2-Nitroaniline	ND		5.1	1.0	ug/L		11/27/24 15:19	12/12/24 07:18	1
2-Nitrophenol	ND		5.1	1.0	ug/L		11/27/24 15:19	12/12/24 07:18	1
3,3'-Dichlorobenzidine	ND		10	4.1	ug/L		11/27/24 15:19	12/12/24 07:18	1
3-Nitroaniline	ND		5.1	2.1	ug/L		11/27/24 15:19	12/12/24 07:18	1
4,6-Dinitro-2-methylphenol	ND		22	8.2	ug/L		11/27/24 15:19	12/12/24 07:18	1
4-Bromophenyl phenyl ether	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
4-Chloro-3-methylphenol	ND		5.1	1.0	ug/L		11/27/24 15:19	12/12/24 07:18	1
4-Chloroaniline	ND		10	4.1	ug/L		11/27/24 15:19	12/12/24 07:18	1
4-Chlorophenyl phenyl ether	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
4-Methylphenol	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
4-Nitroaniline	ND		3.1	0.92	ug/L		11/27/24 15:19	12/12/24 07:18	1
4-Nitrophenol	ND		31	10	ug/L		11/27/24 15:19	12/12/24 07:18	1
Acenaphthene	ND		0.51	0.10	ug/L		11/27/24 15:19	12/12/24 07:18	1
Acenaphthylene	ND		0.51	0.10	ug/L		11/27/24 15:19	12/12/24 07:18	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

Client Sample ID: SW-03_20241121

Lab Sample ID: 410-198023-2

Date Collected: 11/21/24 13:50
Date Received: 11/22/24 20:50

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		5.1	1.0	ug/L		11/27/24 15:19	12/12/24 07:18	1
Anthracene	ND		0.51	0.10	ug/L		11/27/24 15:19	12/12/24 07:18	1
Atrazine	ND		5.1	1.0	ug/L		11/27/24 15:19	12/12/24 07:18	1
Benzaldehyde	ND		5.1	1.0	ug/L		11/27/24 15:19	12/12/24 07:18	1
Benzo[a]anthracene	ND		0.51	0.10	ug/L		11/27/24 15:19	12/12/24 07:18	1
Benzo[a]pyrene	ND		0.51	0.11	ug/L		11/27/24 15:19	12/12/24 07:18	1
Benzo[b]fluoranthene	ND		0.51	0.10	ug/L		11/27/24 15:19	12/12/24 07:18	1
Benzo[g,h,i]perylene	ND		0.51	0.10	ug/L		11/27/24 15:19	12/12/24 07:18	1
Benzo[k]fluoranthene	ND		0.51	0.10	ug/L		11/27/24 15:19	12/12/24 07:18	1
Bis(2-chloroethoxy)methane	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
Bis(2-chloroethyl)ether	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
Bis(2-ethylhexyl) phthalate	ND	cn	5.1	2.1	ug/L		11/27/24 15:19	12/12/24 07:18	1
Butyl benzyl phthalate	ND	cn	5.1	2.1	ug/L		11/27/24 15:19	12/12/24 07:18	1
Caprolactam	ND		7.2	3.1	ug/L		11/27/24 15:19	12/12/24 07:18	1
Carbazole	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
Chrysene	ND		0.51	0.10	ug/L		11/27/24 15:19	12/12/24 07:18	1
Di-n-butyl phthalate	ND	cn	5.1	2.1	ug/L		11/27/24 15:19	12/12/24 07:18	1
Di-n-octyl phthalate	ND	cn	11	5.1	ug/L		11/27/24 15:19	12/12/24 07:18	1
Dibenz(a,h)anthracene	ND		0.51	0.10	ug/L		11/27/24 15:19	12/12/24 07:18	1
Dibenzofuran	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
Diethyl phthalate	ND		5.1	2.1	ug/L		11/27/24 15:19	12/12/24 07:18	1
Dimethyl phthalate	ND		5.1	2.1	ug/L		11/27/24 15:19	12/12/24 07:18	1
Fluoranthene	ND		0.51	0.10	ug/L		11/27/24 15:19	12/12/24 07:18	1
Fluorene	ND		0.51	0.12	ug/L		11/27/24 15:19	12/12/24 07:18	1
Hexachlorobenzene	ND		0.51	0.11	ug/L		11/27/24 15:19	12/12/24 07:18	1
Hexachlorobutadiene	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
Hexachlorocyclopentadiene	ND		11	5.1	ug/L		11/27/24 15:19	12/12/24 07:18	1
Hexachloroethane	ND		5.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
Indeno[1,2,3-cd]pyrene	ND		0.51	0.11	ug/L		11/27/24 15:19	12/12/24 07:18	1
Isophorone	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
N-Nitrosodi-n-propylamine	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
N-Nitrosodiphenylamine	ND	cn	2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
Naphthalene	ND		0.51	0.27	ug/L		11/27/24 15:19	12/12/24 07:18	1
Nitrobenzene	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
Pentachlorophenol	ND		5.1	2.7	ug/L		11/27/24 15:19	12/12/24 07:18	1
Phenanthrene	ND		0.51	0.11	ug/L		11/27/24 15:19	12/12/24 07:18	1
Phenol	ND		2.1	0.51	ug/L		11/27/24 15:19	12/12/24 07:18	1
Pyrene	ND		0.51	0.10	ug/L		11/27/24 15:19	12/12/24 07:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5.7*	*T J*	*ug/L*		*12.89*	*N/A*	*11/27/24 15:19*	*12/12/24 07:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*28 - 120*	*11/27/24 15:19*	*12/12/24 07:18*	*1*
2-Fluorophenol (Surr)	*28*		*10 - 120*	*11/27/24 15:19*	*12/12/24 07:18*	*1*
Nitrobenzene-d5 (Surr)	*67*		*18 - 120*	*11/27/24 15:19*	*12/12/24 07:18*	*1*
p-Terphenyl-d14 (Surr)	*67*		*22 - 120*	*11/27/24 15:19*	*12/12/24 07:18*	*1*
2,4,6-Tribromophenol (Surr)	*50*		*16 - 120*	*11/27/24 15:19*	*12/12/24 07:18*	*1*
Phenol-d5 (Surr)	*22*		*10 - 120*	*11/27/24 15:19*	*12/12/24 07:18*	*1*

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

Client Sample ID: SW-03_20241121

Date Collected: 11/21/24 13:50
Date Received: 11/22/24 20:50

Lab Sample ID: 410-198023-2

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	350		25	12	ug/L		12/05/24 22:00	12/06/24 11:14	1
Antimony	0.26	J	1.0	0.20	ug/L		12/05/24 22:00	12/06/24 11:14	1
Arsenic	2.2		2.0	0.68	ug/L		12/05/24 22:00	12/06/24 11:14	1
Barium	11		2.0	0.75	ug/L		12/05/24 22:00	12/06/24 11:14	1
Beryllium	ND		0.50	0.12	ug/L		12/05/24 22:00	12/06/24 11:14	1
Cadmium	0.27	J	0.50	0.15	ug/L		12/05/24 22:00	12/06/24 11:14	1
Chromium	1.4	J	2.0	0.55	ug/L		12/05/24 22:00	12/06/24 11:14	1
Cobalt	0.44	J	0.50	0.16	ug/L		12/05/24 22:00	12/06/24 11:14	1
Copper	14		1.0	0.36	ug/L		12/05/24 22:00	12/06/24 11:14	1
Lead	1.2		0.50	0.12	ug/L		12/05/24 22:00	12/06/24 11:14	1
Manganese	22		2.0	0.95	ug/L		12/05/24 22:00	12/06/24 11:14	1
Nickel	1.8		1.0	0.40	ug/L		12/05/24 22:00	12/06/24 11:14	1
Silver	0.15	J	0.50	0.10	ug/L		12/05/24 22:00	12/06/24 11:14	1
Thallium	ND		0.50	0.13	ug/L		12/05/24 22:00	12/06/24 11:14	1
Zinc	73		10	4.0	ug/L		12/05/24 22:00	12/06/24 11:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		12/03/24 23:15	12/04/24 14:26	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
410-198023-1	TB-09_20241121	101	98	97	107
410-198023-2	SW-03_20241121	99	97	98	107
LCS 410-581786/4	Lab Control Sample	100	97	96	107
LCSD 410-581786/5	Lab Control Sample Dup	97	96	96	107
MB 410-581786/7	Method Blank	98	98	96	106

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	TPHd14	TBP	PHL
Lab Sample ID	Client Sample ID	(28-120)	(10-120)	(18-120)	(22-120)	(16-120)	(10-120)
410-198023-2	SW-03_20241121	78	28	67	67	50	22
LCS 410-580371/2-A	Lab Control Sample	89	44	81	83	90	37
MB 410-580371/1-A	Method Blank	87	34	77	91	82	25

Surrogate Legend

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

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

Lab Sample ID: MB 410-581786/7
Matrix: Water
Analysis Batch: 581786

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	0.30	ug/L			12/04/24 10:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			12/04/24 10:09	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/04/24 10:09	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			12/04/24 10:09	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			12/04/24 10:09	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			12/04/24 10:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			12/04/24 10:09	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			12/04/24 10:09	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			12/04/24 10:09	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			12/04/24 10:09	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			12/04/24 10:09	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			12/04/24 10:09	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			12/04/24 10:09	1
2-Butanone	ND		10	0.50	ug/L			12/04/24 10:09	1
2-Hexanone	ND		10	0.85	ug/L			12/04/24 10:09	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			12/04/24 10:09	1
Acetone	ND		20	0.70	ug/L			12/04/24 10:09	1
Benzene	ND		1.0	0.30	ug/L			12/04/24 10:09	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/04/24 10:09	1
Bromoform	ND		4.0	1.0	ug/L			12/04/24 10:09	1
Bromomethane	ND		1.0	0.30	ug/L			12/04/24 10:09	1
Carbon disulfide	ND		5.0	0.30	ug/L			12/04/24 10:09	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			12/04/24 10:09	1
Chlorobenzene	ND		1.0	0.30	ug/L			12/04/24 10:09	1
Chloroethane	ND		1.0	0.30	ug/L			12/04/24 10:09	1
Chloroform	ND		1.0	0.30	ug/L			12/04/24 10:09	1
Chloromethane	ND		2.0	0.55	ug/L			12/04/24 10:09	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			12/04/24 10:09	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/04/24 10:09	1
Cyclohexane	ND		5.0	1.0	ug/L			12/04/24 10:09	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/04/24 10:09	1
Dichlorodifluoromethane	ND		1.0	0.30	ug/L			12/04/24 10:09	1
Ethylbenzene	ND		1.0	0.40	ug/L			12/04/24 10:09	1
Freon 113	ND		10	0.30	ug/L			12/04/24 10:09	1
Isopropylbenzene	ND		5.0	0.30	ug/L			12/04/24 10:09	1
Methyl acetate	ND		5.0	0.30	ug/L			12/04/24 10:09	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			12/04/24 10:09	1
Methylcyclohexane	ND		5.0	0.50	ug/L			12/04/24 10:09	1
Methylene Chloride	ND		1.0	0.30	ug/L			12/04/24 10:09	1
Styrene	ND		5.0	0.30	ug/L			12/04/24 10:09	1
Tetrachloroethene	ND		1.0	0.30	ug/L			12/04/24 10:09	1
Toluene	ND		1.0	0.30	ug/L			12/04/24 10:09	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			12/04/24 10:09	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/04/24 10:09	1
Trichloroethene	ND		1.0	0.30	ug/L			12/04/24 10:09	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			12/04/24 10:09	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/04/24 10:09	1
Xylenes, Total	ND		1.0	0.40	ug/L			12/04/24 10:09	1

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

Lab Sample ID: MB 410-581786/7
Matrix: Water
Analysis Batch: 581786

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		12/04/24 10:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		12/04/24 10:09	1
4-Bromofluorobenzene (Surr)	98		80 - 120		12/04/24 10:09	1
Dibromofluoromethane (Surr)	96		80 - 120		12/04/24 10:09	1
Toluene-d8 (Surr)	106		80 - 120		12/04/24 10:09	1

Lab Sample ID: LCS 410-581786/4
Matrix: Water
Analysis Batch: 581786

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	20.0	19.2		ug/L		96	73 - 120
1,1,2,2-Tetrachloroethane	20.0	22.9		ug/L		115	72 - 120
1,1,2-Trichloroethane	20.0	22.9		ug/L		114	80 - 120
1,1-Dichloroethane	20.0	21.9		ug/L		110	80 - 120
1,1-Dichloroethene	20.0	21.5		ug/L		108	80 - 131
1,2,4-Trichlorobenzene	20.0	23.2		ug/L		116	63 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.5		ug/L		93	60 - 120
1,2-Dibromoethane	20.0	21.6		ug/L		108	77 - 120
1,2-Dichlorobenzene	20.0	22.8		ug/L		114	80 - 120
1,2-Dichloroethane	20.0	18.7		ug/L		94	73 - 124
1,2-Dichloropropane	20.0	21.7		ug/L		108	80 - 120
1,3-Dichlorobenzene	20.0	23.1		ug/L		115	80 - 120
1,4-Dichlorobenzene	20.0	22.7		ug/L		113	80 - 120
2-Butanone	250	212		ug/L		85	59 - 135
2-Hexanone	250	227		ug/L		91	56 - 135
4-Methyl-2-pentanone	250	196		ug/L		78	62 - 133
Acetone	250	308		ug/L		123	57 - 143
Benzene	20.0	21.5		ug/L		107	80 - 120
Bromodichloromethane	20.0	19.9		ug/L		99	71 - 120
Bromoform	20.0	21.0		ug/L		105	51 - 120
Bromomethane	20.0	19.0		ug/L		95	53 - 128
Carbon disulfide	20.0	19.6		ug/L		98	65 - 128
Carbon tetrachloride	20.0	19.5		ug/L		98	64 - 134
Chlorobenzene	20.0	21.9		ug/L		110	80 - 120
Chloroethane	20.0	19.3		ug/L		97	55 - 123
Chloroform	20.0	20.3		ug/L		101	80 - 120
Chloromethane	20.0	20.5		ug/L		103	39 - 134
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	80 - 125
cis-1,3-Dichloropropene	20.0	17.6		ug/L		88	75 - 120
Cyclohexane	20.0	17.8		ug/L		89	68 - 126
Dibromochloromethane	20.0	22.1		ug/L		111	71 - 120
Dichlorodifluoromethane	20.0	16.0		ug/L		80	26 - 127
Ethylbenzene	20.0	22.6		ug/L		113	80 - 120
Freon 113	20.0	16.9		ug/L		85	57 - 122
Isopropylbenzene	20.0	25.4	*+	ug/L		127	80 - 120

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

Lab Sample ID: LCS 410-581786/4
Matrix: Water
Analysis Batch: 581786

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl acetate	20.0	21.9		ug/L		110	48 - 168
Methyl tertiary butyl ether	20.0	19.2		ug/L		96	69 - 122
Methylcyclohexane	20.0	17.4		ug/L		87	67 - 121
Methylene Chloride	20.0	21.9		ug/L		109	80 - 120
Styrene	20.0	21.7		ug/L		109	80 - 120
Tetrachloroethene	20.0	22.8		ug/L		114	80 - 120
Toluene	20.0	23.3		ug/L		117	80 - 120
trans-1,2-Dichloroethene	20.0	21.5		ug/L		107	80 - 126
trans-1,3-Dichloropropene	20.0	19.2		ug/L		96	67 - 120
Trichloroethene	20.0	20.3		ug/L		102	80 - 120
Trichlorofluoromethane	20.0	16.0		ug/L		80	51 - 120
Vinyl chloride	20.0	18.8		ug/L		94	56 - 120
Xylenes, Total	60.0	66.8		ug/L		111	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: LCSD 410-581786/5
Matrix: Water
Analysis Batch: 581786

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	20.0	18.1		ug/L		91	73 - 120	6	30
1,1,2,2-Tetrachloroethane	20.0	22.9		ug/L		115	72 - 120	0	30
1,1,2-Trichloroethane	20.0	22.4		ug/L		112	80 - 120	2	30
1,1-Dichloroethane	20.0	21.2		ug/L		106	80 - 120	4	30
1,1-Dichloroethene	20.0	20.3		ug/L		102	80 - 131	6	30
1,2,4-Trichlorobenzene	20.0	22.8		ug/L		114	63 - 120	2	30
1,2-Dibromo-3-Chloropropane	20.0	19.5		ug/L		97	60 - 120	5	30
1,2-Dibromoethane	20.0	21.2		ug/L		106	77 - 120	2	30
1,2-Dichlorobenzene	20.0	22.3		ug/L		112	80 - 120	2	30
1,2-Dichloroethane	20.0	18.5		ug/L		93	73 - 124	1	30
1,2-Dichloropropane	20.0	20.9		ug/L		105	80 - 120	3	30
1,3-Dichlorobenzene	20.0	22.4		ug/L		112	80 - 120	3	30
1,4-Dichlorobenzene	20.0	21.9		ug/L		110	80 - 120	3	30
2-Butanone	250	207		ug/L		83	59 - 135	2	30
2-Hexanone	250	229		ug/L		91	56 - 135	1	30
4-Methyl-2-pentanone	250	196		ug/L		78	62 - 133	0	30
Acetone	250	289		ug/L		116	57 - 143	6	30
Benzene	20.0	20.8		ug/L		104	80 - 120	3	30
Bromodichloromethane	20.0	19.6		ug/L		98	71 - 120	2	30
Bromoform	20.0	20.7		ug/L		104	51 - 120	1	30
Bromomethane	20.0	18.4		ug/L		92	53 - 128	3	30
Carbon disulfide	20.0	18.8		ug/L		94	65 - 128	4	30
Carbon tetrachloride	20.0	18.8		ug/L		94	64 - 134	4	30

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

Lab Sample ID: LCSD 410-581786/5
Matrix: Water
Analysis Batch: 581786

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
Chlorobenzene	20.0	21.5		ug/L		108	80 - 120	2	30
Chloroethane	20.0	18.6		ug/L		93	55 - 123	4	30
Chloroform	20.0	19.9		ug/L		99	80 - 120	2	30
Chloromethane	20.0	19.0		ug/L		95	39 - 134	8	30
cis-1,2-Dichloroethene	20.0	20.9		ug/L		104	80 - 125	2	30
cis-1,3-Dichloropropene	20.0	17.5		ug/L		87	75 - 120	1	30
Cyclohexane	20.0	17.2		ug/L		86	68 - 126	3	30
Dibromochloromethane	20.0	21.4		ug/L		107	71 - 120	3	30
Dichlorodifluoromethane	20.0	15.1		ug/L		76	26 - 127	5	30
Ethylbenzene	20.0	21.9		ug/L		109	80 - 120	3	30
Freon 113	20.0	15.9		ug/L		80	57 - 122	6	30
Isopropylbenzene	20.0	24.8	*+	ug/L		124	80 - 120	2	30
Methyl acetate	20.0	20.3		ug/L		101	48 - 168	8	30
Methyl tertiary butyl ether	20.0	18.6		ug/L		93	69 - 122	3	30
Methylcyclohexane	20.0	16.7		ug/L		83	67 - 121	4	30
Methylene Chloride	20.0	20.8		ug/L		104	80 - 120	5	30
Styrene	20.0	21.1		ug/L		106	80 - 120	3	30
Tetrachloroethene	20.0	21.8		ug/L		109	80 - 120	4	30
Toluene	20.0	23.1		ug/L		116	80 - 120	1	30
trans-1,2-Dichloroethene	20.0	20.6		ug/L		103	80 - 126	4	30
trans-1,3-Dichloropropene	20.0	19.0		ug/L		95	67 - 120	1	30
Trichloroethene	20.0	19.5		ug/L		97	80 - 120	4	30
Trichlorofluoromethane	20.0	15.2		ug/L		76	51 - 120	5	30
Vinyl chloride	20.0	18.0		ug/L		90	56 - 120	4	30
Xylenes, Total	60.0	65.1		ug/L		109	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

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

Lab Sample ID: MB 410-580371/1-A
Matrix: Water
Analysis Batch: 584486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 580371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
2,4,5-Trichlorophenol	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
2,4,6-Trichlorophenol	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
2,4-Dichlorophenol	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
2,4-Dimethylphenol	ND		10	3.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
2,4-Dinitrophenol	ND		30	14	ug/L		11/27/24 15:19	12/11/24 01:45	1
2,4-Dinitrotoluene	ND		5.0	1.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
2,6-Dinitrotoluene	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
2-Chloronaphthalene	ND		1.0	0.40	ug/L		11/27/24 15:19	12/11/24 01:45	1

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

Lab Sample ID: MB 410-580371/1-A
Matrix: Water
Analysis Batch: 584486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 580371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
2-Methylnaphthalene	ND		0.50	0.10	ug/L		11/27/24 15:19	12/11/24 01:45	1
2-Methylphenol	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
2-Nitroaniline	ND		5.0	1.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
2-Nitrophenol	ND		5.0	1.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
3,3'-Dichlorobenzidine	ND		10	4.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
3-Nitroaniline	ND		5.0	2.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
4,6-Dinitro-2-methylphenol	ND		21	8.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
4-Chloro-3-methylphenol	ND		5.0	1.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
4-Chloroaniline	ND		10	4.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
4-Chlorophenyl phenyl ether	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
4-Methylphenol	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
4-Nitroaniline	ND		3.0	0.90	ug/L		11/27/24 15:19	12/11/24 01:45	1
4-Nitrophenol	ND		30	10	ug/L		11/27/24 15:19	12/11/24 01:45	1
Acenaphthene	ND		0.50	0.10	ug/L		11/27/24 15:19	12/11/24 01:45	1
Acenaphthylene	ND		0.50	0.10	ug/L		11/27/24 15:19	12/11/24 01:45	1
Acetophenone	ND		5.0	1.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
Anthracene	ND		0.50	0.10	ug/L		11/27/24 15:19	12/11/24 01:45	1
Atrazine	ND		5.0	1.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
Benzaldehyde	ND		5.0	1.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
Benzo[a]anthracene	ND		0.50	0.10	ug/L		11/27/24 15:19	12/11/24 01:45	1
Benzo[a]pyrene	ND		0.50	0.11	ug/L		11/27/24 15:19	12/11/24 01:45	1
Benzo[b]fluoranthene	ND		0.50	0.10	ug/L		11/27/24 15:19	12/11/24 01:45	1
Benzo[g,h,i]perylene	ND		0.50	0.10	ug/L		11/27/24 15:19	12/11/24 01:45	1
Benzo[k]fluoranthene	ND		0.50	0.10	ug/L		11/27/24 15:19	12/11/24 01:45	1
Bis(2-chloroethoxy)methane	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
Bis(2-chloroethyl)ether	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
Butyl benzyl phthalate	ND		5.0	2.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
Caprolactam	ND		7.0	3.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
Carbazole	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
Chrysene	ND		0.50	0.10	ug/L		11/27/24 15:19	12/11/24 01:45	1
Di-n-butyl phthalate	ND		5.0	2.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
Di-n-octyl phthalate	ND		11	5.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
Dibenz(a,h)anthracene	ND		0.50	0.10	ug/L		11/27/24 15:19	12/11/24 01:45	1
Dibenzofuran	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
Diethyl phthalate	ND		5.0	2.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
Dimethyl phthalate	ND		5.0	2.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
Fluoranthene	ND		0.50	0.10	ug/L		11/27/24 15:19	12/11/24 01:45	1
Fluorene	ND		0.50	0.12	ug/L		11/27/24 15:19	12/11/24 01:45	1
Hexachlorobenzene	ND		0.50	0.11	ug/L		11/27/24 15:19	12/11/24 01:45	1
Hexachlorobutadiene	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
Hexachlorocyclopentadiene	ND		11	5.0	ug/L		11/27/24 15:19	12/11/24 01:45	1
Hexachloroethane	ND		5.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.11	ug/L		11/27/24 15:19	12/11/24 01:45	1
Isophorone	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
N-Nitrosodi-n-propylamine	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
N-Nitrosodiphenylamine	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1

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

Lab Sample ID: MB 410-580371/1-A
Matrix: Water
Analysis Batch: 584486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 580371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.50	0.26	ug/L		11/27/24 15:19	12/11/24 01:45	1
Nitrobenzene	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
Pentachlorophenol	ND		5.0	2.6	ug/L		11/27/24 15:19	12/11/24 01:45	1
Phenanthrene	ND		0.50	0.11	ug/L		11/27/24 15:19	12/11/24 01:45	1
Phenol	ND		2.0	0.50	ug/L		11/27/24 15:19	12/11/24 01:45	1
Pyrene	ND		0.50	0.10	ug/L		11/27/24 15:19	12/11/24 01:45	1

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*	*11/27/24 15:19*	*12/11/24 01:45*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*28 - 120*	*11/27/24 15:19*	*12/11/24 01:45*	*1*
2-Fluorophenol (Surr)	*34*		*10 - 120*	*11/27/24 15:19*	*12/11/24 01:45*	*1*
Nitrobenzene-d5 (Surr)	*77*		*18 - 120*	*11/27/24 15:19*	*12/11/24 01:45*	*1*
p-Terphenyl-d14 (Surr)	*91*		*22 - 120*	*11/27/24 15:19*	*12/11/24 01:45*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*16 - 120*	*11/27/24 15:19*	*12/11/24 01:45*	*1*
Phenol-d5 (Surr)	*25*		*10 - 120*	*11/27/24 15:19*	*12/11/24 01:45*	*1*

Lab Sample ID: LCS 410-580371/2-A
Matrix: Water
Analysis Batch: 584486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 580371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	50.0	46.0		ug/L		92	46 - 127
2,2'-oxybis[1-chloropropane]	50.0	58.0		ug/L		116	31 - 125
2,4,5-Trichlorophenol	50.0	55.4		ug/L		111	55 - 133
2,4,6-Trichlorophenol	50.0	54.9		ug/L		110	54 - 139
2,4-Dichlorophenol	50.0	50.2		ug/L		100	51 - 135
2,4-Dimethylphenol	50.0	43.1		ug/L		86	44 - 121
2,4-Dinitrophenol	100	126		ug/L		126	14 - 161
2,4-Dinitrotoluene	50.0	66.9		ug/L		134	54 - 143
2,6-Dinitrotoluene	50.0	65.1		ug/L		130	54 - 139
2-Chloronaphthalene	50.0	44.7		ug/L		89	43 - 126
2-Chlorophenol	50.0	40.6		ug/L		81	41 - 122
2-Methylnaphthalene	50.0	47.0		ug/L		94	44 - 124
2-Methylphenol	50.0	37.3		ug/L		75	39 - 120
2-Nitroaniline	50.0	55.3		ug/L		111	53 - 139
2-Nitrophenol	50.0	62.0		ug/L		124	46 - 142
3,3'-Dichlorobenzidine	100	57.4		ug/L		57	31 - 120
3-Nitroaniline	50.0	48.7		ug/L		97	44 - 125
4,6-Dinitro-2-methylphenol	100	147		ug/L		147	54 - 148
4-Bromophenyl phenyl ether	50.0	49.9		ug/L		100	54 - 129
4-Chloro-3-methylphenol	50.0	40.7		ug/L		81	50 - 122
4-Chloroaniline	50.0	32.8		ug/L		66	33 - 120
4-Chlorophenyl phenyl ether	50.0	54.1		ug/L		108	49 - 125
4-Methylphenol	50.0	34.5		ug/L		69	35 - 120
4-Nitroaniline	50.0	48.1		ug/L		96	47 - 130
4-Nitrophenol	100	65.7		ug/L		66	17 - 120

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

Lab Sample ID: LCS 410-580371/2-A
Matrix: Water
Analysis Batch: 584486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 580371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	50.0	45.7		ug/L		91	48 - 127
Acenaphthylene	50.0	45.0		ug/L		90	47 - 130
Acetophenone	50.0	39.7		ug/L		79	37 - 131
Anthracene	50.0	48.6		ug/L		97	55 - 134
Atrazine	50.0	52.0		ug/L		104	49 - 139
Benzaldehyde	50.0	50.0		ug/L		100	21 - 133
Benzo[a]anthracene	50.0	50.3		ug/L		101	54 - 134
Benzo[a]pyrene	50.0	56.9		ug/L		114	58 - 135
Benzo[b]fluoranthene	50.0	53.9		ug/L		108	51 - 122
Benzo[g,h,i]perylene	50.0	54.1		ug/L		108	52 - 130
Benzo[k]fluoranthene	50.0	58.1		ug/L		116	57 - 132
Bis(2-chloroethoxy)methane	50.0	42.7		ug/L		85	41 - 129
Bis(2-chloroethyl)ether	50.0	39.3		ug/L		79	34 - 126
Bis(2-ethylhexyl) phthalate	50.0	43.9		ug/L		88	46 - 143
Butyl benzyl phthalate	50.0	45.7		ug/L		91	39 - 136
Caprolactam	50.0	10.8		ug/L		22	10 - 120
Carbazole	50.0	48.1		ug/L		96	52 - 138
Chrysene	50.0	52.2		ug/L		104	56 - 136
Di-n-butyl phthalate	50.0	45.0		ug/L		90	49 - 143
Di-n-octyl phthalate	50.0	53.5		ug/L		107	44 - 147
Dibenz(a,h)anthracene	50.0	53.0		ug/L		106	49 - 129
Dibenzofuran	50.0	50.4		ug/L		101	50 - 128
Diethyl phthalate	50.0	51.4		ug/L		103	46 - 123
Dimethyl phthalate	50.0	49.2		ug/L		98	27 - 123
Fluoranthene	50.0	49.4		ug/L		99	56 - 130
Fluorene	50.0	50.3		ug/L		101	50 - 128
Hexachlorobenzene	50.0	48.7		ug/L		97	50 - 128
Hexachlorobutadiene	50.0	50.8		ug/L		102	20 - 120
Hexachlorocyclopentadiene	50.0	32.6		ug/L		65	10 - 120
Hexachloroethane	50.0	36.3		ug/L		73	21 - 120
Indeno[1,2,3-cd]pyrene	50.0	53.3		ug/L		107	50 - 134
Isophorone	50.0	41.1		ug/L		82	42 - 124
N-Nitrosodi-n-propylamine	50.0	38.1		ug/L		76	34 - 123
N-Nitrosodiphenylamine	42.5	40.5		ug/L		95	52 - 138
Naphthalene	50.0	45.4		ug/L		91	39 - 123
Nitrobenzene	50.0	44.9		ug/L		90	37 - 128
Pentachlorophenol	100	89.9		ug/L		90	32 - 163
Phenanthrene	50.0	48.5		ug/L		97	55 - 132
Phenol	50.0	23.5		ug/L		47	18 - 120
Pyrene	50.0	47.8		ug/L		96	58 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*89*		*28 - 120*
2-Fluorophenol (Surr)	*44*		*10 - 120*
Nitrobenzene-d5 (Surr)	*81*		*18 - 120*
p-Terphenyl-d14 (Surr)	*83*		*22 - 120*
2,4,6-Tribromophenol (Surr)	*90*		*16 - 120*
Phenol-d5 (Surr)	*37*		*10 - 120*

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 410-582422/1-A
Matrix: Water
Analysis Batch: 583073

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 582422

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		12/05/24 22:00	12/06/24 11:01	1
Antimony	ND		1.0	0.20	ug/L		12/05/24 22:00	12/06/24 11:01	1
Arsenic	ND		2.0	0.68	ug/L		12/05/24 22:00	12/06/24 11:01	1
Barium	ND		2.0	0.75	ug/L		12/05/24 22:00	12/06/24 11:01	1
Beryllium	ND		0.50	0.12	ug/L		12/05/24 22:00	12/06/24 11:01	1
Cadmium	ND		0.50	0.15	ug/L		12/05/24 22:00	12/06/24 11:01	1
Chromium	ND		2.0	0.55	ug/L		12/05/24 22:00	12/06/24 11:01	1
Cobalt	ND		0.50	0.16	ug/L		12/05/24 22:00	12/06/24 11:01	1
Copper	ND		1.0	0.36	ug/L		12/05/24 22:00	12/06/24 11:01	1
Lead	ND		0.50	0.12	ug/L		12/05/24 22:00	12/06/24 11:01	1
Manganese	ND		2.0	0.95	ug/L		12/05/24 22:00	12/06/24 11:01	1
Nickel	ND		1.0	0.40	ug/L		12/05/24 22:00	12/06/24 11:01	1
Silver	ND		0.50	0.10	ug/L		12/05/24 22:00	12/06/24 11:01	1
Thallium	ND		0.50	0.13	ug/L		12/05/24 22:00	12/06/24 11:01	1
Zinc	ND		10	4.0	ug/L		12/05/24 22:00	12/06/24 11:01	1

Lab Sample ID: LCS 410-582422/2-A
Matrix: Water
Analysis Batch: 583073

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 582422

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	4960		ug/L		99	90 - 110
Antimony	100	99.3		ug/L		99	90 - 115
Arsenic	500	492		ug/L		98	90 - 109
Barium	500	510		ug/L		102	90 - 113
Beryllium	50.0	53.7		ug/L		107	82 - 120
Cadmium	50.0	50.0		ug/L		100	90 - 112
Chromium	500	499		ug/L		100	90 - 110
Cobalt	500	502		ug/L		100	90 - 110
Copper	500	489		ug/L		98	90 - 110
Lead	50.0	48.7		ug/L		97	90 - 110
Manganese	500	495		ug/L		99	90 - 111
Nickel	500	488		ug/L		98	90 - 109
Silver	50.0	50.0		ug/L		100	90 - 112
Thallium	100	96.9		ug/L		97	90 - 110
Zinc	500	491		ug/L		98	90 - 112

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 410-581507/1-A
Matrix: Water
Analysis Batch: 582089

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 581507

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.079	ug/L		12/03/24 23:15	12/04/24 13:52	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 410-581507/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 582089
Prep Batch: 581507

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			1.00	1.06		ug/L		106	80 - 118		

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

GC/MS VOA

Analysis Batch: 581786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-198023-1	TB-09_20241121	Total/NA	Water	8260D	
410-198023-2	SW-03_20241121	Total/NA	Water	8260D	
MB 410-581786/7	Method Blank	Total/NA	Water	8260D	
LCS 410-581786/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-581786/5	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 580371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-198023-2	SW-03_20241121	Total/NA	Water	3510C	
MB 410-580371/1-A	Method Blank	Total/NA	Water	3510C	
LCS 410-580371/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 584486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-580371/1-A	Method Blank	Total/NA	Water	8270E	580371
LCS 410-580371/2-A	Lab Control Sample	Total/NA	Water	8270E	580371

Analysis Batch: 585018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-198023-2	SW-03_20241121	Total/NA	Water	8270E	580371

Metals

Prep Batch: 581507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-198023-2	SW-03_20241121	Total/NA	Water	7470A	
MB 410-581507/1-A	Method Blank	Total/NA	Water	7470A	
LCS 410-581507/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 582089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-198023-2	SW-03_20241121	Total/NA	Water	7470A	581507
MB 410-581507/1-A	Method Blank	Total/NA	Water	7470A	581507
LCS 410-581507/2-A	Lab Control Sample	Total/NA	Water	7470A	581507

Prep Batch: 582422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-198023-2	SW-03_20241121	Total Recoverable	Water	3005A	
MB 410-582422/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-582422/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 583073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-198023-2	SW-03_20241121	Total Recoverable	Water	6020B	582422
MB 410-582422/1-A	Method Blank	Total Recoverable	Water	6020B	582422
LCS 410-582422/2-A	Lab Control Sample	Total Recoverable	Water	6020B	582422

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

Client Sample ID: TB-09_20241121

Lab Sample ID: 410-198023-1

Date Collected: 11/21/24 00:00
Matrix: Water
Date Received: 11/22/24 20:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	581786	TQ4J	ELLE	12/04/24 11:23

Client Sample ID: SW-03_20241121

Lab Sample ID: 410-198023-2

Date Collected: 11/21/24 13:50
Matrix: Water
Date Received: 11/22/24 20:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	581786	TQ4J	ELLE	12/04/24 11:46
Total/NA	Prep	3510C			580371	L2FU	ELLE	11/27/24 15:19
Total/NA	Analysis	8270E		1	585018	SJ89	ELLE	12/12/24 07:18
Total Recoverable	Prep	3005A			582422	UAMX	ELLE	12/05/24 22:00
Total Recoverable	Analysis	6020B		1	583073	F7JF	ELLE	12/06/24 11:14
Total/NA	Prep	7470A			581507	UAMX	ELLE	12/03/24 23:15
Total/NA	Analysis	7470A		1	582089	HNC4	ELLE	12/04/24 14:26

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	12-31-24
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 410-198023-1
Project/Site: Spa Road Property Annapolis MD

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	ELLE
6020B	Metals (ICP/MS)	SW846	ELLE
7470A	Mercury (CVAA)	SW846	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE
7470A	Preparation, Mercury	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-198023-1	TB-09_20241121	Water	11/21/24 00:00	11/22/24 20:50
410-198023-2	SW-03_20241121	Water	11/21/24 13:50	11/22/24 20:50

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster, PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of

410-198023 Chain of Custody

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Client Information	Sampler: EMR / MR		Carrier Tracking No(s):	COC No: 410-133862-38182.4
Client Contact: Molly Rudrow	Phone:		State of Origin: MD	Page: Page 4 of 4
Company: Haley & Aldrich, Inc.		PWSID:		Job #:
Address: 60 West St. Suite 215	Due Date Requested:			Preservation Codes: ~~1-HCl~~ ~~2-HNO3~~ 1-HCL 2-Nitric acid 3-None
City: Annapolis	TAT Requested (days): 10 days			
State, Zip: MD, 21401	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 209099-002			
Email: MRudrow@haleyaldrich.com	WO #:			
Project Name: Spa Road Property Annapolis MD	Project #: 41021905			Other:
Site:	SSOW#:			

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	[redacted]	[redacted]	[redacted]	8270E - (MOD) TCL 4.3 SVOCs	6020B - (MOD) PBL, 7470A - Mercury	8260D - (MOD) TCL VOCs 4.3								Total Number of containers	Special Instructions/Note:
			Preservation Code:							1	2	1									
TB-09_20241121	11/21/24	—	—	~~Soil~~ Water	N	N						✓								2	
SW-03_20241121	11/21/24	1350	G	~~Soil~~ Water	N	N				✓	✓	✓								6	
				Solid																	
				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) Tier I, Level IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Molly Rudrow	11/21/24; 1440	Haley Aldrich	[signature]	11-21-24 1440	BSC
[signature]	11-22-24	BSC	[signature]	11/22/24 1750	ECLE
[signature]	11/22/24 2050	ECLE	[signature]	11/22/24 2050	ECLE

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: R: 1.5 C: 1.2

TLR

Ver: 05/06/2024

12/12/2024

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-198023-1

Login Number: 198023

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Reynolds, Benjamin

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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	False	Headspace greater than 6mm in diameter in some but not all containers

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ANALYTICAL REPORT

PREPARED FOR

Attn: Molly Rudrow
Haley & Aldrich, Inc.
60 West St.
Suite 215
Annapolis, Maryland 21401

Generated 1/21/2025 7:38:18 PM

JOB DESCRIPTION

Spa Road Property Annapolis MD

JOB NUMBER

410-192708-4

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

my EOL

Eurofins Lancaster Laboratories Environment Testing, LLC

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
1/21/2025 7:38:18 PM

Authorized for release by
Vanessa Badman, Project Manager
Vanessa.Badman@et.eurofinsus.com
(717)556-9762

Eurofins Lancaster Laboratories Environment Testing, LLC

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Vanessa M. Badman

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Job ID: 410-192708-4
Project/Site: Spa Road Property Annapolis MD

Qualifiers

Metals

Qualifier	Qualifier Description
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 Narrative
410-192708-4

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/16/2024 4:20 PM, 10/18/2024 3:58 PM, 10/25/2024 6:12 PM, 10/29/2024 5:15 PM, 10/31/2024 6:07 PM, 11/1/2024 4:25 PM and 11/4/2024 3:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 12 coolers at receipt time were 0.3°C, 0.6°C, 0.7°C, 0.9°C, 0.9°C, 1.4°C, 1.4°C, 1.6°C, 2.2°C, 2.7°C, 3.4°C and 4.8°C.

Receipt Exceptions
The Chain-of-Custody (COC) for samples received on 10/18/24 was incomplete as received. The COC is missing Sample Preservation. This does not meet regulatory requirements. Per the client, the number of containers received by the laboratory is correct. Client provided the below information:
For sample preservation, the following preservatives were applied in the appropriate laboratory-provided containers:
Soil:
VOCs 8260: MeOH, Ice
SVOCs 8270, PCBs 8082, PPL Metals 6020 (including mercury 7470), TPH DRO 8015, PAHs 8270, Cyanide 9012: Ice
TPH GRO 8015: MeOH, Ice

Water (Field and Trip Blanks):
PPL Metals 6020 and Mercury 7470: Nitric Acid, Ice
Cyanide 9012: Ascorbic Acid, NaOH, Ice
VOCs 8260, DRO 8015, GRO 8015: HCL, Ice
SVOCs 8270, PAHs 8270, PCBs 8082, Pesticides 8081, Herbicides 8151: Ice

Samples 410-192708-24 through -75 were received on 10/18/24.

The following sample(s) was listed on the Chain of Custody (COC); however, no sample(s) was received: TB-08_20241104 (11/04/24)

Samples 410-192708-76 through -81 were received on 10/25/24.

Samples 410-192708-82 through -87 were received on 10/29/24.

Samples 410-192708-94 through -101 were received on 11/1/24.

Samples 410-192708-88 through -93 were received on 10/31/24.

Samples 410-192708-102 through -108 were received on 11/4/24.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Analyses were listed on COC, but sample SW-06_20241104 (410-192708-107) was not designated for specific analyses. Entered per containers received.

Metals
Method 6020B - Dissolved: The following samples were not filtered within 15 minutes of sample collection as required by the method: MW-15_20241024 (410-192708-76), MW-14_20241025 (410-192708-80), MW-10_20241028 (410-192708-82), MW-08_20241028 (410-192708-83), MW-08_20241028 (410-192708-83[MS]), MW-08_20241028 (410-192708-83[MSD]), MW-07_20241028 (410-192708-84), MW-06_20241028 (410-192708-85), MW-09_20241029 (410-192708-87), MW-13_20241030

Job ID: 410-192708-4 (Continued) Eurofins Lancaster Laboratories Environment

(410-192708-88), MW-03_20241030 (410-192708-90), MW-11_20241030 (410-192708-91), MW-12_20241030 (410-192708-92), MW-04_20241031 (410-192708-93), SW-01_20241101 (410-192708-98), SW-02_20241101 (410-192708-99), SW-04_20241104 (410-192708-105), SW-05_20241104 (410-192708-106), SW-06_20241104 (410-192708-107) and MW-05_20241104 (410-192708-108). The sample(s) was filtered prior to analysis at the laboratory, and the results have been reported. This does not meet regulatory requirements.

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Client Sample ID: MW-15_20241024 — Lab Sample ID: 410-192708-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	150		2.0	0.75	ug/L	1		6020B	Dissolved
Cobalt	0.42	J	0.50	0.16	ug/L	1		6020B	Dissolved
Manganese	390		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	0.64	J	1.0	0.40	ug/L	1		6020B	Dissolved

Client Sample ID: MW-14_20241025 — Lab Sample ID: 410-192708-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	87		2.0	0.75	ug/L	1		6020B	Dissolved
Cobalt	0.81		0.50	0.16	ug/L	1		6020B	Dissolved
Copper	0.43	J	1.0	0.36	ug/L	1		6020B	Dissolved
Manganese	210		2.0	0.95	ug/L	1		6020B	Dissolved

Client Sample ID: MW-10_20241028 — Lab Sample ID: 410-192708-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.33	J	1.0	0.20	ug/L	1		6020B	Dissolved
Barium	1300		2.0	0.75	ug/L	1		6020B	Dissolved
Cobalt	0.68		0.50	0.16	ug/L	1		6020B	Dissolved
Copper	1.2		1.0	0.36	ug/L	1		6020B	Dissolved
Manganese	450		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	2.3		1.0	0.40	ug/L	1		6020B	Dissolved
Zinc	29		10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: MW-08_20241028 — Lab Sample ID: 410-192708-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	15		2.0	0.75	ug/L	1		6020B	Dissolved
Beryllium	0.12	J	0.50	0.12	ug/L	1		6020B	Dissolved
Cobalt	3.9		0.50	0.16	ug/L	1		6020B	Dissolved
Copper	0.74	J	1.0	0.36	ug/L	1		6020B	Dissolved
Manganese	1700		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	3.0		1.0	0.40	ug/L	1		6020B	Dissolved
Thallium	0.31	J	0.50	0.13	ug/L	1		6020B	Dissolved
Zinc	6.5	J	10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: MW-07_20241028 — Lab Sample ID: 410-192708-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	42		2.0	0.75	ug/L	1		6020B	Dissolved
Cadmium	0.21	J	0.50	0.15	ug/L	1		6020B	Dissolved
Chromium	18		2.0	0.55	ug/L	1		6020B	Dissolved
Cobalt	1.7		0.50	0.16	ug/L	1		6020B	Dissolved
Copper	0.76	J	1.0	0.36	ug/L	1		6020B	Dissolved
Manganese	87		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	2.7		1.0	0.40	ug/L	1		6020B	Dissolved
Zinc	11		10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: MW-06_20241028 — Lab Sample ID: 410-192708-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.43	J	1.0	0.20	ug/L	1		6020B	Dissolved
Arsenic	0.77	J	2.0	0.68	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-06_20241028 (Continued) — Lab Sample ID: 410-192708-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	1400		2.0	0.75	ug/L	1		6020B	Dissolved
Cobalt	0.87		0.50	0.16	ug/L	1		6020B	Dissolved
Copper	2.0		1.0	0.36	ug/L	1		6020B	Dissolved
Manganese	580		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	1.8		1.0	0.40	ug/L	1		6020B	Dissolved
Zinc	13		10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: MW-09_20241029 — Lab Sample ID: 410-192708-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	56		2.0	0.75	ug/L	1		6020B	Dissolved
Cadmium	3.0		0.50	0.15	ug/L	1		6020B	Dissolved
Chromium	16		2.0	0.55	ug/L	1		6020B	Dissolved
Cobalt	0.58		0.50	0.16	ug/L	1		6020B	Dissolved
Copper	0.68	J	1.0	0.36	ug/L	1		6020B	Dissolved
Manganese	36		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	3.2		1.0	0.40	ug/L	1		6020B	Dissolved
Zinc	5.8	J	10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: MW-13_20241030 — Lab Sample ID: 410-192708-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.51	J	1.0	0.20	ug/L	1		6020B	Dissolved
Barium	1000		2.0	0.75	ug/L	1		6020B	Dissolved
Cobalt	0.78		0.50	0.16	ug/L	1		6020B	Dissolved
Copper	0.44	J	1.0	0.36	ug/L	1		6020B	Dissolved
Lead	0.32	J	0.50	0.12	ug/L	1		6020B	Dissolved
Manganese	350		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	1.9		1.0	0.40	ug/L	1		6020B	Dissolved
Zinc	49		10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: MW-03_20241030 — Lab Sample ID: 410-192708-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.23	J	1.0	0.20	ug/L	1		6020B	Dissolved
Arsenic	1.1	J	2.0	0.68	ug/L	1		6020B	Dissolved
Barium	2000		20	7.5	ug/L	10		6020B	Dissolved
Cobalt	1.0		0.50	0.16	ug/L	1		6020B	Dissolved
Copper	0.50	J	1.0	0.36	ug/L	1		6020B	Dissolved
Manganese	690		2.0	0.95	ug/L	1		6020B	Dissolved
Zinc	4.8	J	10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: MW-11_20241030 — Lab Sample ID: 410-192708-91

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	14	J	25	12	ug/L	1		6020B	Dissolved
Barium	42		2.0	0.75	ug/L	1		6020B	Dissolved
Cadmium	0.96		0.50	0.15	ug/L	1		6020B	Dissolved
Chromium	2.7		2.0	0.55	ug/L	1		6020B	Dissolved
Cobalt	1.1		0.50	0.16	ug/L	1		6020B	Dissolved
Copper	0.62	J	1.0	0.36	ug/L	1		6020B	Dissolved
Manganese	87		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	3.1		1.0	0.40	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Client Sample ID: MW-11_20241030 (Continued) — Lab Sample ID: 410-192708-91

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	6.0	J	10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: MW-12_20241030 — Lab Sample ID: 410-192708-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	27		2.0	0.75	ug/L	1		6020B	Dissolved
Cobalt	5.5		0.50	0.16	ug/L	1		6020B	Dissolved
Manganese	800		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	5.7		1.0	0.40	ug/L	1		6020B	Dissolved
Zinc	27		10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: MW-04_20241031 — Lab Sample ID: 410-192708-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	34		2.0	0.75	ug/L	1		6020B	Dissolved
Cadmium	0.28	J	0.50	0.15	ug/L	1		6020B	Dissolved
Chromium	25		2.0	0.55	ug/L	1		6020B	Dissolved
Cobalt	0.96		0.50	0.16	ug/L	1		6020B	Dissolved
Copper	0.88	J	1.0	0.36	ug/L	1		6020B	Dissolved
Lead	0.12	J	0.50	0.12	ug/L	1		6020B	Dissolved
Manganese	79		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	2.7		1.0	0.40	ug/L	1		6020B	Dissolved
Zinc	7.6	J	10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: SW-01_20241101 — Lab Sample ID: 410-192708-98

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	36		2.0	0.75	ug/L	1		6020B	Dissolved
Cobalt	3.1		0.50	0.16	ug/L	1		6020B	Dissolved
Manganese	760		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	6.1		1.0	0.40	ug/L	1		6020B	Dissolved
Zinc	4.6	J	10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: SW-02_20241101 — Lab Sample ID: 410-192708-99

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	36		2.0	0.75	ug/L	1		6020B	Dissolved
Copper	0.72	J	1.0	0.36	ug/L	1		6020B	Dissolved
Manganese	2.0		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	1.8		1.0	0.40	ug/L	1		6020B	Dissolved
Zinc	10		10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: SW-04_20241104 — Lab Sample ID: 410-192708-105

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	31		2.0	0.75	ug/L	1		6020B	Dissolved
Copper	0.64	J	1.0	0.36	ug/L	1		6020B	Dissolved
Manganese	1.7	J	2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	1.4		1.0	0.40	ug/L	1		6020B	Dissolved
Zinc	5.3	J	10	4.0	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Client Sample ID: SW-05_20241104 — Lab Sample ID: 410-192708-106

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	31		2.0	0.75	ug/L	1		6020B	Dissolved
Copper	0.58	J	1.0	0.36	ug/L	1		6020B	Dissolved
Manganese	1.3	J	2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	1.6		1.0	0.40	ug/L	1		6020B	Dissolved

Client Sample ID: SW-06_20241104 — Lab Sample ID: 410-192708-107

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	46		2.0	0.75	ug/L	1		6020B	Dissolved
Copper	0.58	J	1.0	0.36	ug/L	1		6020B	Dissolved
Manganese	1.2	J	2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	1.7		1.0	0.40	ug/L	1		6020B	Dissolved
Zinc	4.2	J	10	4.0	ug/L	1		6020B	Dissolved

Client Sample ID: MW-05_20241104 — Lab Sample ID: 410-192708-108

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	160		2.0	0.75	ug/L	1		6020B	Dissolved
Cobalt	0.27	J	0.50	0.16	ug/L	1		6020B	Dissolved
Manganese	180		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	0.59	J	1.0	0.40	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Client Sample ID: MW-15_20241024

Lab Sample ID: 410-192708-76

Date Collected: 10/24/24 15:40
Matrix: Water
Date Received: 10/25/24 18:12

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 18:03	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 18:03	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 18:03	1
Barium	**150**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 18:03	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:03	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 18:03	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 18:03	1
Cobalt	**0.42**	**J**	0.50	0.16	ug/L		01/17/25 07:00	01/20/25 18:03	1
Copper	ND		1.0	0.36	ug/L		01/17/25 07:00	01/20/25 18:03	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:03	1
Manganese	**390**		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 18:03	1
Nickel	**0.64**	**J**	1.0	0.40	ug/L		01/17/25 07:00	01/20/25 18:03	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 18:03	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 18:03	1
Zinc	ND		10	4.0	ug/L		01/17/25 07:00	01/20/25 18:03	1

Client Sample ID: MW-14_20241025

Lab Sample ID: 410-192708-80

Date Collected: 10/25/24 09:50
Matrix: Water
Date Received: 10/25/24 18:12

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 18:14	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 18:14	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 18:14	1
Barium	**87**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 18:14	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:14	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 18:14	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 18:14	1
Cobalt	**0.81**		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 18:14	1
Copper	**0.43**	**J**	1.0	0.36	ug/L		01/17/25 07:00	01/20/25 18:14	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:14	1
Manganese	**210**		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 18:14	1
Nickel	ND		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 18:14	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 18:14	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 18:14	1
Zinc	ND		10	4.0	ug/L		01/17/25 07:00	01/20/25 18:14	1

Client Sample ID: MW-10_20241028

Lab Sample ID: 410-192708-82

Date Collected: 10/28/24 10:20
Matrix: Water
Date Received: 10/29/24 17:15

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 18:12	1
Antimony	**0.33**	**J**	1.0	0.20	ug/L		01/17/25 07:00	01/20/25 18:12	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 18:12	1
Barium	**1300**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 18:12	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:12	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 18:12	1

Client Sample ID: MW-10_20241028

Lab Sample ID: 410-192708-82

Date Collected: 10/28/24 10:20

Matrix: Water

Date Received: 10/29/24 17:15

Method: SW846 6020B - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 18:12	1
Cobalt	**0.68**		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 18:12	1
Copper	**1.2**		1.0	0.36	ug/L		01/17/25 07:00	01/20/25 18:12	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:12	1
Manganese	**450**		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 18:12	1
Nickel	**2.3**		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 18:12	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 18:12	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 18:12	1
Zinc	**29**		10	4.0	ug/L		01/17/25 07:00	01/20/25 18:12	1

Client Sample ID: MW-08_20241028

Lab Sample ID: 410-192708-83

Date Collected: 10/28/24 11:30

Matrix: Water

Date Received: 10/29/24 17:15

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 17:14	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 17:14	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 17:14	1
Barium	**15**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 17:14	1
Beryllium	**0.12**	**J**	0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:14	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 17:14	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 17:14	1
Cobalt	**3.9**		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 17:14	1
Copper	**0.74**	**J**	1.0	0.36	ug/L		01/17/25 07:00	01/20/25 17:14	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:14	1
Manganese	**1700**		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 17:14	1
Nickel	**3.0**		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 17:14	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 17:14	1
Thallium	**0.31**	**J**	0.50	0.13	ug/L		01/17/25 07:00	01/20/25 17:14	1
Zinc	**6.5**	**J**	10	4.0	ug/L		01/17/25 07:00	01/20/25 17:14	1

Client Sample ID: MW-07_20241028

Lab Sample ID: 410-192708-84

Date Collected: 10/28/24 15:00

Matrix: Water

Date Received: 10/29/24 17:15

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 17:39	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 17:39	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 17:39	1
Barium	**42**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 17:39	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:39	1
Cadmium	**0.21**	**J**	0.50	0.15	ug/L		01/17/25 07:00	01/20/25 17:39	1
Chromium	**18**		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 17:39	1
Cobalt	**1.7**		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 17:39	1
Copper	**0.76**	**J**	1.0	0.36	ug/L		01/17/25 07:00	01/20/25 17:39	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:39	1
Manganese	**87**		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 17:39	1
Nickel	**2.7**		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 17:39	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Client Sample ID: MW-07_20241028

Lab Sample ID: 410-192708-84

Date Collected: 10/28/24 15:00
Matrix: Water
Date Received: 10/29/24 17:15

Method: SW846 6020B - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 17:39	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 17:39	1
Zinc	**11**		10	4.0	ug/L		01/17/25 07:00	01/20/25 17:39	1

Client Sample ID: MW-06_20241028

Lab Sample ID: 410-192708-85

Date Collected: 10/28/24 13:30
Matrix: Water
Date Received: 10/29/24 17:15

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 17:41	1
Antimony	**0.43**	**J**	1.0	0.20	ug/L		01/17/25 07:00	01/20/25 17:41	1
Arsenic	**0.77**	**J**	2.0	0.68	ug/L		01/17/25 07:00	01/20/25 17:41	1
Barium	**1400**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 17:41	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:41	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 17:41	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 17:41	1
Cobalt	**0.87**		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 17:41	1
Copper	**2.0**		1.0	0.36	ug/L		01/17/25 07:00	01/20/25 17:41	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:41	1
Manganese	**580**		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 17:41	1
Nickel	**1.8**		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 17:41	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 17:41	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 17:41	1
Zinc	**13**		10	4.0	ug/L		01/17/25 07:00	01/20/25 17:41	1

Client Sample ID: MW-09_20241029

Lab Sample ID: 410-192708-87

Date Collected: 10/29/24 09:20
Matrix: Water
Date Received: 10/29/24 17:15

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 17:34	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 17:34	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 17:34	1
Barium	**56**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 17:34	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:34	1
Cadmium	**3.0**		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 17:34	1
Chromium	**16**		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 17:34	1
Cobalt	**0.58**		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 17:34	1
Copper	**0.68**	**J**	1.0	0.36	ug/L		01/17/25 07:00	01/20/25 17:34	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:34	1
Manganese	**36**		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 17:34	1
Nickel	**3.2**		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 17:34	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 17:34	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 17:34	1
Zinc	**5.8**	**J**	10	4.0	ug/L		01/17/25 07:00	01/20/25 17:34	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Client Sample ID: MW-13_20241030

Lab Sample ID: 410-192708-88

Date Collected: 10/30/24 09:15
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 18:09	1
Antimony	**0.51**	**J**	1.0	0.20	ug/L		01/17/25 07:00	01/20/25 18:09	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 18:09	1
Barium	**1000**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 18:09	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:09	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 18:09	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 18:09	1
Cobalt	**0.78**		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 18:09	1
Copper	**0.44**	**J**	1.0	0.36	ug/L		01/17/25 07:00	01/20/25 18:09	1
Lead	**0.32**	**J**	0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:09	1
Manganese	**350**		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 18:09	1
Nickel	**1.9**		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 18:09	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 18:09	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 18:09	1
Zinc	**49**		10	4.0	ug/L		01/17/25 07:00	01/20/25 18:09	1

Client Sample ID: MW-03_20241030

Lab Sample ID: 410-192708-90

Date Collected: 10/30/24 10:45
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 18:07	1
Antimony	**0.23**	**J**	1.0	0.20	ug/L		01/17/25 07:00	01/20/25 18:07	1
Arsenic	**1.1**	**J**	2.0	0.68	ug/L		01/17/25 07:00	01/20/25 18:07	1
Barium	**2000**		20	7.5	ug/L		01/17/25 07:00	01/21/25 10:11	10
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:07	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 18:07	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 18:07	1
Cobalt	**1.0**		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 18:07	1
Copper	**0.50**	**J**	1.0	0.36	ug/L		01/17/25 07:00	01/20/25 18:07	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:07	1
Manganese	**690**		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 18:07	1
Nickel	ND		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 18:07	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 18:07	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 18:07	1
Zinc	**4.8**	**J**	10	4.0	ug/L		01/17/25 07:00	01/20/25 18:07	1

Client Sample ID: MW-11_20241030

Lab Sample ID: 410-192708-91

Date Collected: 10/30/24 14:25
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14**	**J**	25	12	ug/L		01/17/25 07:00	01/20/25 17:45	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 17:45	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 17:45	1
Barium	**42**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 17:45	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:45	1
Cadmium	**0.96**		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 17:45	1

Client Sample ID: MW-11_20241030

Lab Sample ID: 410-192708-91

Date Collected: 10/30/24 14:25
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 6020B - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	2.7		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 17:45	1
Cobalt	1.1		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 17:45	1
Copper	0.62	J	1.0	0.36	ug/L		01/17/25 07:00	01/20/25 17:45	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:45	1
Manganese	87		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 17:45	1
Nickel	3.1		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 17:45	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 17:45	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 17:45	1
Zinc	6.0	J	10	4.0	ug/L		01/17/25 07:00	01/20/25 17:45	1

Client Sample ID: MW-12_20241030

Lab Sample ID: 410-192708-92

Date Collected: 10/30/24 16:20
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 17:43	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 17:43	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 17:43	1
Barium	27		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 17:43	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:43	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 17:43	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 17:43	1
Cobalt	5.5		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 17:43	1
Copper	ND		1.0	0.36	ug/L		01/17/25 07:00	01/20/25 17:43	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:43	1
Manganese	800		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 17:43	1
Nickel	5.7		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 17:43	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 17:43	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 17:43	1
Zinc	27		10	4.0	ug/L		01/17/25 07:00	01/20/25 17:43	1

Client Sample ID: MW-04_20241031

Lab Sample ID: 410-192708-93

Date Collected: 10/31/24 12:00
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 18:16	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 18:16	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 18:16	1
Barium	34		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 18:16	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:16	1
Cadmium	0.28	J	0.50	0.15	ug/L		01/17/25 07:00	01/20/25 18:16	1
Chromium	25		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 18:16	1
Cobalt	0.96		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 18:16	1
Copper	0.88	J	1.0	0.36	ug/L		01/17/25 07:00	01/20/25 18:16	1
Lead	0.12	J	0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:16	1
Manganese	79		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 18:16	1
Nickel	2.7		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 18:16	1

Client Sample ID: MW-04_20241031
Lab Sample ID: 410-192708-93

Date Collected: 10/31/24 12:00
Matrix: Water
Date Received: 10/31/24 18:07

Method: SW846 6020B - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 18:16	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 18:16	1
Zinc	**7.6**	**J**	10	4.0	ug/L		01/17/25 07:00	01/20/25 18:16	1

Client Sample ID: SW-01_20241101
Lab Sample ID: 410-192708-98

Date Collected: 11/01/24 10:05
Matrix: Water
Date Received: 11/01/24 16:25

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 18:05	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 18:05	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 18:05	1
Barium	**36**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 18:05	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:05	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 18:05	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 18:05	1
Cobalt	**3.1**		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 18:05	1
Copper	ND		1.0	0.36	ug/L		01/17/25 07:00	01/20/25 18:05	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:05	1
Manganese	**760**		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 18:05	1
Nickel	**6.1**		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 18:05	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 18:05	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 18:05	1
Zinc	**4.6**	**J**	10	4.0	ug/L		01/17/25 07:00	01/20/25 18:05	1

Client Sample ID: SW-02_20241101
Lab Sample ID: 410-192708-99

Date Collected: 11/01/24 10:50
Matrix: Water
Date Received: 11/01/24 16:25

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 17:32	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 17:32	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 17:32	1
Barium	**36**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 17:32	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:32	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 17:32	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 17:32	1
Cobalt	ND		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 17:32	1
Copper	**0.72**	**J**	1.0	0.36	ug/L		01/17/25 07:00	01/20/25 17:32	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:32	1
Manganese	**2.0**		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 17:32	1
Nickel	**1.8**		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 17:32	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 17:32	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 17:32	1
Zinc	**10**		10	4.0	ug/L		01/17/25 07:00	01/20/25 17:32	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Client Sample ID: SW-04_20241104

Lab Sample ID: 410-192708-105

Date Collected: 11/04/24 10:15
Matrix: Water
Date Received: 11/04/24 15:20

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 17:47	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 17:47	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 17:47	1
Barium	**31**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 17:47	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:47	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 17:47	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 17:47	1
Cobalt	ND		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 17:47	1
Copper	**0.64**	**J**	1.0	0.36	ug/L		01/17/25 07:00	01/20/25 17:47	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:47	1
Manganese	**1.7**	**J**	2.0	0.95	ug/L		01/17/25 07:00	01/20/25 17:47	1
Nickel	**1.4**		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 17:47	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 17:47	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 17:47	1
Zinc	**5.3**	**J**	10	4.0	ug/L		01/17/25 07:00	01/20/25 17:47	1

Client Sample ID: SW-05_20241104

Lab Sample ID: 410-192708-106

Date Collected: 11/04/24 10:00
Matrix: Water
Date Received: 11/04/24 15:20

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 18:01	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 18:01	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 18:01	1
Barium	**31**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 18:01	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:01	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 18:01	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 18:01	1
Cobalt	ND		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 18:01	1
Copper	**0.58**	**J**	1.0	0.36	ug/L		01/17/25 07:00	01/20/25 18:01	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 18:01	1
Manganese	**1.3**	**J**	2.0	0.95	ug/L		01/17/25 07:00	01/20/25 18:01	1
Nickel	**1.6**		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 18:01	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 18:01	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 18:01	1
Zinc	ND		10	4.0	ug/L		01/17/25 07:00	01/20/25 18:01	1

Client Sample ID: SW-06_20241104

Lab Sample ID: 410-192708-107

Date Collected: 11/04/24 09:40
Matrix: Water
Date Received: 11/04/24 15:20

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 17:36	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 17:36	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 17:36	1
Barium	**46**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 17:36	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:36	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 17:36	1

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Client Sample ID: SW-06_20241104

Lab Sample ID: 410-192708-107

Date Collected: 11/04/24 09:40
Matrix: Water
Date Received: 11/04/24 15:20

Method: SW846 6020B - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 17:36	1
Cobalt	ND		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 17:36	1
Copper	**0.58**	**J**	1.0	0.36	ug/L		01/17/25 07:00	01/20/25 17:36	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:36	1
Manganese	**1.2**	**J**	2.0	0.95	ug/L		01/17/25 07:00	01/20/25 17:36	1
Nickel	**1.7**		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 17:36	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 17:36	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 17:36	1
Zinc	**4.2**	**J**	10	4.0	ug/L		01/17/25 07:00	01/20/25 17:36	1

Client Sample ID: MW-05_20241104

Lab Sample ID: 410-192708-108

Date Collected: 11/04/24 11:20
Matrix: Water
Date Received: 11/04/24 15:20

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 17:50	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 17:50	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 17:50	1
Barium	**160**		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 17:50	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:50	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 17:50	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 17:50	1
Cobalt	**0.27**	**J**	0.50	0.16	ug/L		01/17/25 07:00	01/20/25 17:50	1
Copper	ND		1.0	0.36	ug/L		01/17/25 07:00	01/20/25 17:50	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:50	1
Manganese	**180**		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 17:50	1
Nickel	**0.59**	**J**	1.0	0.40	ug/L		01/17/25 07:00	01/20/25 17:50	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 17:50	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 17:50	1
Zinc	ND		10	4.0	ug/L		01/17/25 07:00	01/20/25 17:50	1

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 410-596319/1-A
Matrix: Water
Analysis Batch: 597363

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 596319

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/17/25 07:00	01/20/25 17:10	1
Antimony	ND		1.0	0.20	ug/L		01/17/25 07:00	01/20/25 17:10	1
Arsenic	ND		2.0	0.68	ug/L		01/17/25 07:00	01/20/25 17:10	1
Barium	ND		2.0	0.75	ug/L		01/17/25 07:00	01/20/25 17:10	1
Beryllium	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:10	1
Cadmium	ND		0.50	0.15	ug/L		01/17/25 07:00	01/20/25 17:10	1
Chromium	ND		2.0	0.55	ug/L		01/17/25 07:00	01/20/25 17:10	1
Cobalt	ND		0.50	0.16	ug/L		01/17/25 07:00	01/20/25 17:10	1
Copper	ND		1.0	0.36	ug/L		01/17/25 07:00	01/20/25 17:10	1
Lead	ND		0.50	0.12	ug/L		01/17/25 07:00	01/20/25 17:10	1
Manganese	ND		2.0	0.95	ug/L		01/17/25 07:00	01/20/25 17:10	1
Nickel	ND		1.0	0.40	ug/L		01/17/25 07:00	01/20/25 17:10	1
Silver	ND		0.50	0.10	ug/L		01/17/25 07:00	01/20/25 17:10	1
Thallium	ND		0.50	0.13	ug/L		01/17/25 07:00	01/20/25 17:10	1
Zinc	ND		10	4.0	ug/L		01/17/25 07:00	01/20/25 17:10	1

Lab Sample ID: LCS 410-596319/2-A
Matrix: Water
Analysis Batch: 597363

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 596319

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	4790		ug/L		96	90 - 110
Antimony	100	99.7		ug/L		100	90 - 115
Arsenic	500	484		ug/L		97	90 - 109
Barium	500	499		ug/L		100	90 - 113
Beryllium	50.0	49.5		ug/L		99	82 - 120
Cadmium	50.0	49.9		ug/L		100	90 - 112
Chromium	500	476		ug/L		95	90 - 110
Cobalt	500	475		ug/L		95	90 - 110
Copper	500	486		ug/L		97	90 - 110
Lead	50.0	48.4		ug/L		97	90 - 110
Manganese	500	477		ug/L		95	90 - 111
Nickel	500	481		ug/L		96	90 - 109
Silver	50.0	51.6		ug/L		103	90 - 112
Thallium	100	95.9		ug/L		96	90 - 110
Zinc	500	486		ug/L		97	90 - 112

Lab Sample ID: 410-192708-83 MS
Matrix: Water
Analysis Batch: 597363

Client Sample ID: MW-08_20241028
Prep Type: Dissolved
Prep Batch: 596319

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	ND		5000	4730		ug/L		95	75 - 125
Antimony	ND		100	99.8		ug/L		100	75 - 125
Arsenic	ND		500	482		ug/L		96	75 - 125
Barium	15		500	508		ug/L		99	75 - 125
Beryllium	0.12	J	50.0	50.5		ug/L		101	75 - 125
Cadmium	ND		50.0	49.5		ug/L		99	75 - 125
Chromium	ND		500	490		ug/L		98	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-192708-83 MS — **Client Sample ID: MW-08_20241028**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 597363 — **Prep Batch: 596319**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	3.9		500	487		ug/L		97	80 - 125
Copper	0.74	J	500	482		ug/L		96	75 - 125
Lead	ND		50.0	49.0		ug/L		98	75 - 125
Manganese	1700		500	2160		ug/L		88	75 - 125
Nickel	3.0		500	478		ug/L		95	75 - 125
Silver	ND		50.0	50.6		ug/L		101	75 - 125
Thallium	0.31	J	100	97.4		ug/L		97	75 - 125
Zinc	6.5	J	500	486		ug/L		96	75 - 125

Lab Sample ID: 410-192708-83 MSD — **Client Sample ID: MW-08_20241028**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 597363 — **Prep Batch: 596319**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	ND		5000	4780		ug/L		96	75 - 125	1	20
Antimony	ND		100	101		ug/L		101	75 - 125	1	20
Arsenic	ND		500	484		ug/L		97	75 - 125	0	20
Barium	15		500	517		ug/L		101	75 - 125	2	20
Beryllium	0.12	J	50.0	50.1		ug/L		100	75 - 125	1	20
Cadmium	ND		50.0	50.5		ug/L		101	75 - 125	2	20
Chromium	ND		500	485		ug/L		97	75 - 125	1	20
Cobalt	3.9		500	481		ug/L		95	80 - 125	1	20
Copper	0.74	J	500	483		ug/L		96	75 - 125	0	20
Lead	ND		50.0	49.2		ug/L		98	75 - 125	0	20
Manganese	1700		500	2120		ug/L		79	75 - 125	2	20
Nickel	3.0		500	478		ug/L		95	75 - 125	0	20
Silver	ND		50.0	51.6		ug/L		103	75 - 125	2	20
Thallium	0.31	J	100	98.0		ug/L		98	75 - 125	1	20
Zinc	6.5	J	500	485		ug/L		96	75 - 125	0	20

Lab Sample ID: 410-192708-83 DU — **Client Sample ID: MW-08_20241028**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 597363 — **Prep Batch: 596319**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	ND		ND		ug/L		NC	20
Antimony	ND		ND		ug/L		NC	20
Arsenic	ND		ND		ug/L		NC	20
Barium	15		13.6		ug/L		7	20
Beryllium	0.12	J	ND		ug/L		NC	20
Cadmium	ND		ND		ug/L		NC	20
Chromium	ND		ND		ug/L		NC	20
Cobalt	3.9		3.65		ug/L		6	20
Copper	0.74	J	0.407	J F5	ug/L		58	20
Lead	ND		ND		ug/L		NC	20
Manganese	1700		1660		ug/L		4	20
Nickel	3.0		2.76		ug/L		8	20
Silver	ND		ND		ug/L		NC	20
Thallium	0.31	J	ND		ug/L		NC	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 410-192708-83 DU
Client Sample ID: MW-08_20241028
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 597363
Prep Batch: 596319

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Zinc	6.5	J		5.91	J	ug/L				10	20

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Metals

Filtration Batch: 595123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-76	MW-15_20241024	Dissolved	Water	Filtration	
410-192708-80	MW-14_20241025	Dissolved	Water	Filtration	
410-192708-82	MW-10_20241028	Dissolved	Water	Filtration	
410-192708-83	MW-08_20241028	Dissolved	Water	Filtration	
410-192708-84	MW-07_20241028	Dissolved	Water	Filtration	
410-192708-85	MW-06_20241028	Dissolved	Water	Filtration	
410-192708-87	MW-09_20241029	Dissolved	Water	Filtration	
410-192708-88	MW-13_20241030	Dissolved	Water	Filtration	
410-192708-90	MW-03_20241030	Dissolved	Water	Filtration	
410-192708-91	MW-11_20241030	Dissolved	Water	Filtration	
410-192708-92	MW-12_20241030	Dissolved	Water	Filtration	
410-192708-93	MW-04_20241031	Dissolved	Water	Filtration	
410-192708-98	SW-01_20241101	Dissolved	Water	Filtration	
410-192708-99	SW-02_20241101	Dissolved	Water	Filtration	
410-192708-105	SW-04_20241104	Dissolved	Water	Filtration	
410-192708-106	SW-05_20241104	Dissolved	Water	Filtration	
410-192708-107	SW-06_20241104	Dissolved	Water	Filtration	
410-192708-108	MW-05_20241104	Dissolved	Water	Filtration	
410-192708-83 MS	MW-08_20241028	Dissolved	Water	Filtration	
410-192708-83 MSD	MW-08_20241028	Dissolved	Water	Filtration	
410-192708-83 DU	MW-08_20241028	Dissolved	Water	Filtration	

Prep Batch: 596319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-76	MW-15_20241024	Dissolved	Water	3005A	595123
410-192708-80	MW-14_20241025	Dissolved	Water	3005A	595123
410-192708-82	MW-10_20241028	Dissolved	Water	3005A	595123
410-192708-83	MW-08_20241028	Dissolved	Water	3005A	595123
410-192708-84	MW-07_20241028	Dissolved	Water	3005A	595123
410-192708-85	MW-06_20241028	Dissolved	Water	3005A	595123
410-192708-87	MW-09_20241029	Dissolved	Water	3005A	595123
410-192708-88	MW-13_20241030	Dissolved	Water	3005A	595123
410-192708-90	MW-03_20241030	Dissolved	Water	3005A	595123
410-192708-91	MW-11_20241030	Dissolved	Water	3005A	595123
410-192708-92	MW-12_20241030	Dissolved	Water	3005A	595123
410-192708-93	MW-04_20241031	Dissolved	Water	3005A	595123
410-192708-98	SW-01_20241101	Dissolved	Water	3005A	595123
410-192708-99	SW-02_20241101	Dissolved	Water	3005A	595123
410-192708-105	SW-04_20241104	Dissolved	Water	3005A	595123
410-192708-106	SW-05_20241104	Dissolved	Water	3005A	595123
410-192708-107	SW-06_20241104	Dissolved	Water	3005A	595123
410-192708-108	MW-05_20241104	Dissolved	Water	3005A	595123
MB 410-596319/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-596319/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
410-192708-83 MS	MW-08_20241028	Dissolved	Water	3005A	595123
410-192708-83 MSD	MW-08_20241028	Dissolved	Water	3005A	595123
410-192708-83 DU	MW-08_20241028	Dissolved	Water	3005A	595123

Analysis Batch: 597363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-76	MW-15_20241024	Dissolved	Water	6020B	596319

Metals (Continued)

Analysis Batch: 597363 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-80	MW-14_20241025	Dissolved	Water	6020B	596319
410-192708-82	MW-10_20241028	Dissolved	Water	6020B	596319
410-192708-83	MW-08_20241028	Dissolved	Water	6020B	596319
410-192708-84	MW-07_20241028	Dissolved	Water	6020B	596319
410-192708-85	MW-06_20241028	Dissolved	Water	6020B	596319
410-192708-87	MW-09_20241029	Dissolved	Water	6020B	596319
410-192708-88	MW-13_20241030	Dissolved	Water	6020B	596319
410-192708-90	MW-03_20241030	Dissolved	Water	6020B	596319
410-192708-91	MW-11_20241030	Dissolved	Water	6020B	596319
410-192708-92	MW-12_20241030	Dissolved	Water	6020B	596319
410-192708-93	MW-04_20241031	Dissolved	Water	6020B	596319
410-192708-98	SW-01_20241101	Dissolved	Water	6020B	596319
410-192708-99	SW-02_20241101	Dissolved	Water	6020B	596319
410-192708-105	SW-04_20241104	Dissolved	Water	6020B	596319
410-192708-106	SW-05_20241104	Dissolved	Water	6020B	596319
410-192708-107	SW-06_20241104	Dissolved	Water	6020B	596319
410-192708-108	MW-05_20241104	Dissolved	Water	6020B	596319
MB 410-596319/1-A	Method Blank	Total Recoverable	Water	6020B	596319
LCS 410-596319/2-A	Lab Control Sample	Total Recoverable	Water	6020B	596319
410-192708-83 MS	MW-08_20241028	Dissolved	Water	6020B	596319
410-192708-83 MSD	MW-08_20241028	Dissolved	Water	6020B	596319
410-192708-83 DU	MW-08_20241028	Dissolved	Water	6020B	596319

Analysis Batch: 597691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-192708-90	MW-03_20241030	Dissolved	Water	6020B	596319

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Client Sample ID: MW-15_20241024 — Lab Sample ID: 410-192708-76

Date Collected: 10/24/24 15:40 — **Matrix: Water**
Date Received: 10/25/24 18:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 18:03

Client Sample ID: MW-14_20241025 — Lab Sample ID: 410-192708-80

Date Collected: 10/25/24 09:50 — **Matrix: Water**
Date Received: 10/25/24 18:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 18:14

Client Sample ID: MW-10_20241028 — Lab Sample ID: 410-192708-82

Date Collected: 10/28/24 10:20 — **Matrix: Water**
Date Received: 10/29/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 18:12

Client Sample ID: MW-08_20241028 — Lab Sample ID: 410-192708-83

Date Collected: 10/28/24 11:30 — **Matrix: Water**
Date Received: 10/29/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 17:14

Client Sample ID: MW-07_20241028 — Lab Sample ID: 410-192708-84

Date Collected: 10/28/24 15:00 — **Matrix: Water**
Date Received: 10/29/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 17:39

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Client Sample ID: MW-06_20241028 — Lab Sample ID: 410-192708-85

Date Collected: 10/28/24 13:30 — **Matrix: Water**
Date Received: 10/29/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 17:41

Client Sample ID: MW-09_20241029 — Lab Sample ID: 410-192708-87

Date Collected: 10/29/24 09:20 — **Matrix: Water**
Date Received: 10/29/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 17:34

Client Sample ID: MW-13_20241030 — Lab Sample ID: 410-192708-88

Date Collected: 10/30/24 09:15 — **Matrix: Water**
Date Received: 10/31/24 18:07

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 18:09

Client Sample ID: MW-03_20241030 — Lab Sample ID: 410-192708-90

Date Collected: 10/30/24 10:45 — **Matrix: Water**
Date Received: 10/31/24 18:07

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 18:07
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		10	597691	SAM2	ELLE	01/21/25 10:11

Client Sample ID: MW-11_20241030 — Lab Sample ID: 410-192708-91

Date Collected: 10/30/24 14:25 — **Matrix: Water**
Date Received: 10/31/24 18:07

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 17:45

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Client Sample ID: MW-12_20241030 — Lab Sample ID: 410-192708-92

Date Collected: 10/30/24 16:20 — **Matrix: Water**
Date Received: 10/31/24 18:07

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 17:43

Client Sample ID: MW-04_20241031 — Lab Sample ID: 410-192708-93

Date Collected: 10/31/24 12:00 — **Matrix: Water**
Date Received: 10/31/24 18:07

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 18:16

Client Sample ID: SW-01_20241101 — Lab Sample ID: 410-192708-98

Date Collected: 11/01/24 10:05 — **Matrix: Water**
Date Received: 11/01/24 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 18:05

Client Sample ID: SW-02_20241101 — Lab Sample ID: 410-192708-99

Date Collected: 11/01/24 10:50 — **Matrix: Water**
Date Received: 11/01/24 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 17:32

Client Sample ID: SW-04_20241104 — Lab Sample ID: 410-192708-105

Date Collected: 11/04/24 10:15 — **Matrix: Water**
Date Received: 11/04/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 17:47

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Client Sample ID: SW-05_20241104

Lab Sample ID: 410-192708-106

Date Collected: 11/04/24 10:00
Matrix: Water
Date Received: 11/04/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 18:01

Client Sample ID: SW-06_20241104

Lab Sample ID: 410-192708-107

Date Collected: 11/04/24 09:40
Matrix: Water
Date Received: 11/04/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 17:36

Client Sample ID: MW-05_20241104

Lab Sample ID: 410-192708-108

Date Collected: 11/04/24 11:20
Matrix: Water
Date Received: 11/04/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			596319	UJL8	ELLE	01/17/25 07:00
Dissolved	Analysis	6020B		1	597363	LHF4	ELLE	01/20/25 17:50

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	01-31-25
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-25
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 410-192708-4
Project/Site: Spa Road Property Annapolis MD

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
Filtration	Sample Filtration	None	ELLE

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-192708-4

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-192708-76	MW-15_20241024	Water	10/24/24 15:40	10/25/24 18:12
410-192708-80	MW-14_20241025	Water	10/25/24 09:50	10/25/24 18:12
410-192708-82	MW-10_20241028	Water	10/28/24 10:20	10/29/24 17:15
410-192708-83	MW-08_20241028	Water	10/28/24 11:30	10/29/24 17:15
410-192708-84	MW-07_20241028	Water	10/28/24 15:00	10/29/24 17:15
410-192708-85	MW-06_20241028	Water	10/28/24 13:30	10/29/24 17:15
410-192708-87	MW-09_20241029	Water	10/29/24 09:20	10/29/24 17:15
410-192708-88	MW-13_20241030	Water	10/30/24 09:15	10/31/24 18:07
410-192708-90	MW-03_20241030	Water	10/30/24 10:45	10/31/24 18:07
410-192708-91	MW-11_20241030	Water	10/30/24 14:25	10/31/24 18:07
410-192708-92	MW-12_20241030	Water	10/30/24 16:20	10/31/24 18:07
410-192708-93	MW-04_20241031	Water	10/31/24 12:00	10/31/24 18:07
410-192708-98	SW-01_20241101	Water	11/01/24 10:05	11/01/24 16:25
410-192708-99	SW-02_20241101	Water	11/01/24 10:50	11/01/24 16:25
410-192708-105	SW-04_20241104	Water	11/04/24 10:15	11/04/24 15:20
410-192708-106	SW-05_20241104	Water	11/04/24 10:00	11/04/24 15:20
410-192708-107	SW-06_20241104	Water	11/04/24 09:40	11/04/24 15:20
410-192708-108	MW-05_20241104	Water	11/04/24 11:20	11/04/24 15:20

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-4

Login Number: 192708
List Number: 1
Creator: Foreman, Kai

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-4

Login Number: 192708
List Number: 2
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	False	Container preservation not listed on COC.
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.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-4

Login Number: 192708
List Number: 3
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	False	No date or time on COC or containers.
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.	False	No date or time on COC or sample containers.
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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-4

Login Number: 192708

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 4

Creator: Reiff, Nicole L

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.	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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-4

Login Number: 192708

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 6

Creator: Reiff, Nicole L

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.	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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-4

Login Number: 192708
List Number: 7
Creator: Hollinger, Zane T

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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.	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.	True	
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	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-192708-4

Login Number: 192708

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 8

Creator: Jeremiah, Cory T

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.	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.	False	Analysis listed on COC; individual sample not designated for specific analyses.
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.	True	
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)?	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Molly Rudrow
Haley & Aldrich, Inc.
60 West St.
Suite 215
Annapolis, Maryland 21401

Generated 1/17/2025 7:03:13 PM

JOB DESCRIPTION

Spa Road Property Annapolis MD

JOB NUMBER

410-198023-2

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

my EOL

Eurofins Lancaster Laboratories Environment Testing, LLC

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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Authorized for release by
Vanessa Badman, Project Manager
Vanessa.Badman@et.eurofinsus.com
(717)556-9762

Eurofins Lancaster Laboratories Environment Testing, LLC

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Vanessa M. Badman

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Job ID: 410-198023-2
Project/Site: Spa Road Property Annapolis MD

Qualifiers

Metals

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.

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 Narrative
410-198023-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/22/2024 8:50 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 time was 1.2°C.

Metals
Method 6020B - Dissolved: The following sample was not filtered within 15 minutes of sample collection as required by the method: SW-03_20241121 (410-198023-2). The sample(s) was filtered prior to analysis at the laboratory, and the results have been reported. This does not meet regulatory requirements.

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-2

Client Sample ID: SW-03_20241121

Lab Sample ID: 410-198023-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	17	J	25	12	ug/L	1		6020B	Dissolved
Antimony	0.23	J	1.0	0.20	ug/L	1		6020B	Dissolved
Arsenic	1.6	J	2.0	0.68	ug/L	1		6020B	Dissolved
Barium	10		2.0	0.75	ug/L	1		6020B	Dissolved
Cadmium	0.29	J	0.50	0.15	ug/L	1		6020B	Dissolved
Chromium	0.77	J	2.0	0.55	ug/L	1		6020B	Dissolved
Cobalt	0.19	J	0.50	0.16	ug/L	1		6020B	Dissolved
Copper	13		1.0	0.36	ug/L	1		6020B	Dissolved
Lead	0.29	J	0.50	0.12	ug/L	1		6020B	Dissolved
Manganese	19		2.0	0.95	ug/L	1		6020B	Dissolved
Nickel	1.6		1.0	0.40	ug/L	1		6020B	Dissolved
Zinc	64		10	4.0	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-2

Client Sample ID: SW-03_20241121

Lab Sample ID: 410-198023-2

Date Collected: 11/21/24 13:50
Date Received: 11/22/24 20:50

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17**	**J**	25	12	ug/L		01/16/25 06:42	01/16/25 20:50	1
Antimony	**0.23**	**J**	1.0	0.20	ug/L		01/16/25 06:42	01/16/25 20:50	1
Arsenic	**1.6**	**J**	2.0	0.68	ug/L		01/16/25 06:42	01/16/25 20:50	1
Barium	**10**		2.0	0.75	ug/L		01/16/25 06:42	01/16/25 20:50	1
Beryllium	ND		0.50	0.12	ug/L		01/16/25 06:42	01/17/25 11:24	1
Cadmium	**0.29**	**J**	0.50	0.15	ug/L		01/16/25 06:42	01/16/25 20:50	1
Chromium	**0.77**	**J**	2.0	0.55	ug/L		01/16/25 06:42	01/16/25 20:50	1
Cobalt	**0.19**	**J**	0.50	0.16	ug/L		01/16/25 06:42	01/16/25 20:50	1
Copper	**13**		1.0	0.36	ug/L		01/16/25 06:42	01/16/25 20:50	1
Lead	**0.29**	**J**	0.50	0.12	ug/L		01/16/25 06:42	01/16/25 20:50	1
Manganese	**19**		2.0	0.95	ug/L		01/16/25 06:42	01/16/25 20:50	1
Nickel	**1.6**		1.0	0.40	ug/L		01/16/25 06:42	01/16/25 20:50	1
Silver	ND		0.50	0.10	ug/L		01/16/25 06:42	01/16/25 20:50	1
Thallium	ND		0.50	0.13	ug/L		01/16/25 06:42	01/16/25 20:50	1
Zinc	**64**		10	4.0	ug/L		01/16/25 06:42	01/16/25 20:50	1

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-2

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 410-595796/1-A
Matrix: Water
Analysis Batch: 596543

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 595796

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		25	12	ug/L		01/16/25 06:42	01/16/25 19:42	1
Antimony	ND		1.0	0.20	ug/L		01/16/25 06:42	01/16/25 19:42	1
Arsenic	ND		2.0	0.68	ug/L		01/16/25 06:42	01/16/25 19:42	1
Barium	ND		2.0	0.75	ug/L		01/16/25 06:42	01/16/25 19:42	1
Cadmium	ND		0.50	0.15	ug/L		01/16/25 06:42	01/16/25 19:42	1
Chromium	ND		2.0	0.55	ug/L		01/16/25 06:42	01/16/25 19:42	1
Cobalt	ND		0.50	0.16	ug/L		01/16/25 06:42	01/16/25 19:42	1
Copper	ND		1.0	0.36	ug/L		01/16/25 06:42	01/16/25 19:42	1
Lead	ND		0.50	0.12	ug/L		01/16/25 06:42	01/16/25 19:42	1
Manganese	ND		2.0	0.95	ug/L		01/16/25 06:42	01/16/25 19:42	1
Nickel	ND		1.0	0.40	ug/L		01/16/25 06:42	01/16/25 19:42	1
Silver	ND		0.50	0.10	ug/L		01/16/25 06:42	01/16/25 19:42	1
Thallium	ND		0.50	0.13	ug/L		01/16/25 06:42	01/16/25 19:42	1
Zinc	ND		10	4.0	ug/L		01/16/25 06:42	01/16/25 19:42	1

Lab Sample ID: MB 410-595796/1-A
Matrix: Water
Analysis Batch: 596874

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 595796

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.50	0.12	ug/L		01/16/25 06:42	01/17/25 10:39	1

Lab Sample ID: LCS 410-595796/2-A
Matrix: Water
Analysis Batch: 596543

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 595796

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	4820		ug/L		96	90 - 110
Antimony	100	92.9		ug/L		93	90 - 115
Arsenic	500	463		ug/L		93	90 - 109
Barium	500	476		ug/L		95	90 - 113
Cadmium	50.0	48.6		ug/L		97	90 - 112
Chromium	500	478		ug/L		96	90 - 110
Cobalt	500	474		ug/L		95	90 - 110
Copper	500	470		ug/L		94	90 - 110
Lead	50.0	47.8		ug/L		96	90 - 110
Manganese	500	479		ug/L		96	90 - 111
Nickel	500	468		ug/L		94	90 - 109
Silver	50.0	49.2		ug/L		98	90 - 112
Thallium	100	95.7		ug/L		96	90 - 110
Zinc	500	463		ug/L		93	90 - 112

Lab Sample ID: LCS 410-595796/2-A
Matrix: Water
Analysis Batch: 596874

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 595796

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	50.0	53.4		ug/L		107	82 - 120

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-2

Metals

Filtration Batch: 595123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-198023-2	SW-03_20241121	Dissolved	Water	Filtration	

Prep Batch: 595796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-198023-2	SW-03_20241121	Dissolved	Water	3005A	595123
MB 410-595796/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-595796/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 596543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-198023-2	SW-03_20241121	Dissolved	Water	6020B	595796
MB 410-595796/1-A	Method Blank	Total Recoverable	Water	6020B	595796
LCS 410-595796/2-A	Lab Control Sample	Total Recoverable	Water	6020B	595796

Analysis Batch: 596874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-198023-2	SW-03_20241121	Dissolved	Water	6020B	595796
MB 410-595796/1-A	Method Blank	Total Recoverable	Water	6020B	595796
LCS 410-595796/2-A	Lab Control Sample	Total Recoverable	Water	6020B	595796

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-2

Client Sample ID: SW-03_20241121

Date Collected: 11/21/24 13:50
Date Received: 11/22/24 20:50

Lab Sample ID: 410-198023-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			595796	UJL8	ELLE	01/16/25 06:42
Dissolved	Analysis	6020B		1	596543	LHF4	ELLE	01/16/25 20:50
Dissolved	Filtration	Filtration			595123	UDL9	ELLE	01/14/25 07:36
Dissolved	Prep	3005A			595796	UJL8	ELLE	01/16/25 06:42
Dissolved	Analysis	6020B		1	596874	SAM2	ELLE	01/17/25 11:24

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-2

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	01-31-25
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-25
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 410-198023-2
Project/Site: Spa Road Property Annapolis MD

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-2

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
Filtration	Sample Filtration	None	ELLE

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Spa Road Property Annapolis MD

Job ID: 410-198023-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-198023-2	SW-03_20241121	Water	11/21/24 13:50	11/22/24 20:50

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 410-198023-2

Login Number: 198023

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Reynolds, Benjamin

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?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	False	Headspace greater than 6mm in diameter in some but not all containers

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.